

Appendix G – Tabular Listing of Information Flows Contained in the RAD-IT Database

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADEQ Arizona Emissions Management	ADOT HPMS Data Archive	emissions archive data	Planned	Air quality and vehicle emissions information that is collected by sensors or derived from models. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADEQ Arizona Emissions Management	ADOT Motor Vehicle Division (MVD) Database	emissions archive data	Planned	Air quality and vehicle emissions information that is collected by sensors or derived from models. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADEQ Arizona Emissions Management	ADOT TOC Traffic Information Center	air quality information	Planned	Aggregated region-wide measured air quality data and possible pollution incident information.
ADEQ Arizona Emissions Management	MPO-COG Planning Traffic Database	emissions archive data	Planned	Air quality and vehicle emissions information that is collected by sensors or derived from models. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADOT 511 IVR	ADOT 511 Website	voice-based traveler request	Existing	The electronic traveler information request from the telecommunications systems for traveler information terminator. It may be specifically formatted for voice-based traveler requests. The request can be a general subscription intended to initiate a continuous or regular data stream or a specific request intended to initiate a one-time response from the recipient.
ADOT 511 IVR	ADOT Communications PIO	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT 511 IVR	Wide Area Alerting Systems	voice-based traveler request	Planned	The electronic traveler information request from the telecommunications systems for traveler information terminator. It may be specifically formatted for voice-based traveler requests. The request can be a general subscription intended to initiate a continuous or regular data stream or a specific request intended to initiate a one-time response from the recipient.
ADOT 511 Website	ADOT 511 IVR	voice-based alert notification	Existing	Information to be distributed to the traveling public via voice regarding a major emergency such as a natural or man-made disaster, civil emergency, severe weather or child abduction. The flow may identify the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. The content of this information flow may be specially formatted for voice-based traveler information.
ADOT 511 Website	ADOT AZ 511 App	traveler information for media	Existing	General traveler information regarding incidents, unusual traffic conditions, transit issues, or other advisory information that has been desensitized and provided to the media.
ADOT 511 Website	ADOT Communications PIO	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT 511 Website	ADOT Communications PIO	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT 511 Website	ADOT Communications PIO	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT 511 Website	ADOT Communications PIO	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT 511 Website	ADOT Communications PIO	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT 511 Website	ADOT Communications PIO	transportation system status	Existing	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT 511 Website	ADOT ECD Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT 511 Website	ADOT ECD Operational Communications	road weather advisories	Planned	Segment-specific weather and road conditions including real-time advisories of deteriorating road and weather conditions, medium-term advisories for the next 2-12 hours, and long-term advisories more than 12 hours into the future. The advisories may include advisories that are issued based on locally collected environmental data (e.g., an ice on bridge advisory).
ADOT 511 Website	ADOT Regional Traffic Operations	road network traffic situation data	Existing	Aggregated route usage, travel times, and other aggregated data collected from probe vehicles that can be used to estimate current traffic conditions.
ADOT 511 Website	ADOT TOC Traffic Information Center	emergency traveler information	Existing	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT 511 Website	ATTP Tribal Coordination Website	emergency traveler information	Planned	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
ADOT 511 Website	BIA Western Regional Website	alternate mode information	Planned	Schedule information for alternate mode transportation providers such as air, ferry, and passenger-carrying heavy rail. This also includes details of incidents and other service disruptions that have occurred in the alternative mode. This also includes measures of service demand that supports assessment of their impact on the road network.
ADOT 511 Website	BIA Western Regional Website	emergency traveler information	Existing	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
ADOT 511 Website	BIA Western Regional Website	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
ADOT 511 Website	BIA Western Regional Website	parking information	Planned	General parking information and status, including current parking availability, parking pricing, and parking space availability information, including features like number and type of electric charging spots.
ADOT 511 Website	BIA Western Regional Website	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT 511 Website	BIA Western Regional Website	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT 511 Website	BIA Western Regional Website	transit service information	Planned	Transit service information including routes, schedules, and fare information as well as dynamic transit schedule adherence and transit vehicle location information.
ADOT 511 Website	CBP Website	emergency traveler information	Existing	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT 511 Website	Cities and Towns TIC and Website	emergency traveler information	Existing	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
ADOT 511 Website	DPS Central Communications Center	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT 511 Website	Local Print and Broadcast Media	traveler information for media	Planned	General traveler information regarding incidents, unusual traffic conditions, transit issues, or other advisory information that has been desensitized and provided to the media.
ADOT 511 Website	Personal Information Devices for Travelers	broadcast traveler information	Planned	General traveler information that contains traffic and road conditions, link travel times, incidents, advisories, restrictions, vehicle requirements, work zones, transit service information, weather information, parking information, and other related traveler information.
ADOT 511 Website	Personal Information Devices for Travelers	emergency traveler information	Existing	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
ADOT 511 Website	Personal Information Devices for Travelers	evacuation assistance information	Existing	Information on evacuation resources including self-evacuation options, anticipated pickup time and location if a transportation asset is to be deployed, destination shelter, and supporting information on what to bring, estimated reentry date/time.
ADOT 511 Website	Personal Information Devices for Travelers	interactive traveler information	Existing	Traveler information provided in response to a traveler request. The provided information includes traffic and road conditions, advisories, incidents, restrictions, payment information, transit services, parking information, weather information, and other travel-related data updates and confirmations.
ADOT 511 Website	Personal Information Devices for Travelers	shelter recommendations	Existing	Recommendation identifying the shelter or shelters best suited to the requestor. Hotels/motels may also be included as potential sheltering options. This flow may also include shelter assignments/reservations.
ADOT 511 Website	Personal Information Devices for Travelers	traveler alerts	Existing	Traveler information alerts reporting congestion, incidents, adverse road or weather conditions, restrictions, vehicle requirements, parking availability, transit service delays or interruptions, and other information that may impact the traveler. Relevant alerts are provided based on traveler-supplied profile information including trip characteristics and preferences.
ADOT 511 Website	Public Private Traveler Information	alternate mode information	Planned	Schedule information for alternate mode transportation providers such as air, ferry, and passenger-carrying heavy rail. This also includes details of incidents and other service disruptions that have occurred in the alternative mode. This also includes measures of service demand that supports assessment of their impact on the road network.

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Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT 511 Website	Public Private Traveler Information	emergency traveler information	Planned	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
ADOT 511 Website	Public Private Traveler Information	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
ADOT 511 Website	Public Private Traveler Information	parking information	Existing	General parking information and status, including current parking availability, parking pricing, and parking space availability information, including features like number and type of electric charging spots.
ADOT 511 Website	Public Private Traveler Information	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT 511 Website	Public Private Traveler Information	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT 511 Website	Public Private Traveler Information	transit service information	Planned	Transit service information including routes, schedules, and fare information as well as dynamic transit schedule adherence and transit vehicle location information.
ADOT 511 Website	Wide Area Alerting Systems	emergency traveler information	Planned	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
ADOT Asset Management Systems	ADOT DEOC-Dept EM Ops Center	asset damage assessment	Existing	Information indicating the damage sustained by transportation assets, derived from aerial surveillance, field reports, inspections, tests, and analyses.
ADOT Asset Management Systems	ADOT Engineering Districts	asset inventory	Existing	Information on pavement, bridges, signs and other assets. This includes asset location, installation information, materials information, vendor/contractor information, current maintenance status, and a variety of other information (e.g., video logs) that define the transportation infrastructure.
ADOT Asset Management Systems	ADOT Engineering Districts	asset restrictions	Existing	Restrictions levied on transportation asset usage based on infrastructure design, surveys, tests, or analyses. This includes standard height, width, and weight restrictions by facility as well as special restrictions such as spring weight restrictions and temporary bridge weight restrictions.
ADOT Asset Management Systems	ADOT Engineering Districts	maintenance and repair needs	Existing	Recommended strategies and schedules for maintenance of the transportation infrastructure.
ADOT Asset Management Systems	ADOT Regional Traffic Operations	asset inventory	Existing	Information on pavement, bridges, signs and other assets. This includes asset location, installation information, materials information, vendor/contractor information, current maintenance status, and a variety of other information (e.g., video logs) that define the transportation infrastructure.

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Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Asset Management Systems	ADOT Regional Traffic Operations	asset restrictions	Existing	Restrictions levied on transportation asset usage based on infrastructure design, surveys, tests, or analyses. This includes standard height, width, and weight restrictions by facility as well as special restrictions such as spring weight restrictions and temporary bridge weight restrictions.
ADOT Asset Management Systems	ADOT Regional Traffic Operations	maintenance and repair needs	Existing	Recommended strategies and schedules for maintenance of the transportation infrastructure.
ADOT Asset Management Systems	ADOT Systems Maintenance	asset inventory	Existing	Information on pavement, bridges, signs and other assets. This includes asset location, installation information, materials information, vendor/contractor information, current maintenance status, and a variety of other information (e.g., video logs) that define the transportation infrastructure.
ADOT Asset Management Systems	ADOT Systems Maintenance	asset restrictions	Existing	Restrictions levied on transportation asset usage based on infrastructure design, surveys, tests, or analyses. This includes standard height, width, and weight restrictions by facility as well as special restrictions such as spring weight restrictions and temporary bridge weight restrictions.
ADOT Asset Management Systems	ADOT Systems Maintenance	maintenance and repair needs	Existing	Recommended strategies and schedules for maintenance of the transportation infrastructure.
ADOT Asset Management Systems	ADOT TOC and EMC	asset damage assessment	Existing	Information indicating the damage sustained by transportation assets, derived from aerial surveillance, field reports, inspections, tests, and analyses.
ADOT Asset Management Systems	ADOT TOC Data Archive	asset archive data	Existing	Information describing transportation assets including pavements, bridges, and all other infrastructure included in the transportation network. In addition, information can cover support assets (support equipment and systems, software, etc.). Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADOT AZ Crash Information System (ACIS)	ADOT Crash Reporting Information System (CRIS)	archived data product requests	Existing	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
ADOT AZ Crash Information System (ACIS)	ADOT HPMS Data Archive	archive analysis requests	Planned	A user request that initiates data mining, analytical processing, aggregation or summarization, report formulation, or other advanced processing and analysis of archived data. The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
ADOT AZ Crash Information System (ACIS)	ADOT HPMS Data Archive	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
ADOT AZ Crash Information System (ACIS)	County Data Archive	archive analysis requests	Planned	A user request that initiates data mining, analytical processing, aggregation or summarization, report formulation, or other advanced processing and analysis of archived data. The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
ADOT AZ Crash Information System (ACIS)	County Data Archive	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
ADOT AZ Crash Information System (ACIS)	DPS Data Archive	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.

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Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT AZ Crash Information System (ACIS)	MAG Planning Traffic Database	archive analysis requests	Planned	A user request that initiates data mining, analytical processing, aggregation or summarization, report formulation, or other advanced processing and analysis of archived data. The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
ADOT AZ Crash Information System (ACIS)	MAG Planning Traffic Database	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
ADOT AZ Crash Information System (ACIS)	MPO-COG Planning Traffic Database	archive analysis requests	Planned	A user request that initiates data mining, analytical processing, aggregation or summarization, report formulation, or other advanced processing and analysis of archived data. The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
ADOT AZ Crash Information System (ACIS)	MPO-COG Planning Traffic Database	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
ADOT AZ Crash Information System (ACIS)	PAG Planning Traffic Database	archive analysis requests	Planned	A user request that initiates data mining, analytical processing, aggregation or summarization, report formulation, or other advanced processing and analysis of archived data. The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
ADOT AZ Crash Information System (ACIS)	PAG Planning Traffic Database	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
ADOT AZ Crash Information System (ACIS)	State Universities Data Archives	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
ADOT AZ Crash Information System (ACIS)	Tribal Data Archive	archive analysis requests	Planned	A user request that initiates data mining, analytical processing, aggregation or summarization, report formulation, or other advanced processing and analysis of archived data. The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
ADOT AZ Crash Information System (ACIS)	Tribal Data Archive	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
ADOT Communications PIO	ADOT 511 IVR	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT Communications PIO	ADOT 511 IVR	incident information for public	Existing	Report of current desensitized incident information prepared for public dissemination.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Communications PIO	ADOT 511 IVR	transportation system status	Existing	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT Communications PIO	ADOT 511 Website	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT Communications PIO	ADOT 511 Website	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT Communications PIO	ADOT 511 Website	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT Communications PIO	ADOT 511 Website	incident information for public	Existing	Report of current desensitized incident information prepared for public dissemination.
ADOT Communications PIO	ADOT 511 Website	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT Communications PIO	ADOT 511 Website	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT Communications PIO	ADOT 511 Website	transportation system status	Existing	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT Communications PIO	ADOT AZ 511 App	incident information for media	Existing	Report of current desensitized incident information prepared for public dissemination through the media.

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Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Communications PIO	ADOT DEOC-Dept EM Ops Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT Communications PIO	ADOT DEOC-Dept EM Ops Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT Communications PIO	ADOT DEOC-Dept EM Ops Center	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT Communications PIO	ADOT DEOC-Dept EM Ops Center	transportation system status	Existing	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT Communications PIO	ADOT HazMat Response Team	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT Communications PIO	ADOT HazMat Response Team	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT Communications PIO	ADOT HazMat Response Team	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

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Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Communications PIO	ADOT HazMat Response Team	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT Communications PIO	ADOT HazMat Response Team	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT Communications PIO	ADOT TOC and EMC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT Communications PIO	ADOT TOC and EMC	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT Communications PIO	ADOT TOC and EMC	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT Communications PIO	ADOT TOC and EMC	transportation system status	Existing	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT Communications PIO	Local Print and Broadcast Media	incident information for media	Planned	Report of current desensitized incident information prepared for public dissemination through the media.
ADOT Communications PIO	Social Media and Networking	alert notification for social media	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public via social media. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This version of the flow contains only publicly available information and is structured and formatted for publication on specific social media platforms and other public-facing sites.
ADOT Communications PIO	Social Media and Networking	incident information for media	Planned	Report of current desensitized incident information prepared for public dissemination through the media.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Crash Reporting Information System (CRIS)	ADOT AZ Crash Information System (ACIS)	archived data products	Existing	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
ADOT Crash Reporting Information System (CRIS)	Archive Data Users	archive analysis results	Existing	Processed information products, supporting meta data, and any associated transaction information resulting from data mining, analytical processing, aggregation or summarization, report formulation, or other on-line processing and analysis of archived data.
ADOT Crash Reporting Information System (CRIS)	Archive Data Users	archive request confirmation	Existing	Confirmation that an archive request has been received and processed with information on the disposition of the request.
ADOT Crash Reporting Information System (CRIS)	Archive Data Users	archived data products	Existing	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
ADOT Crash Reporting Information System (CRIS)	Cities and Towns Police and Fire Dispatch	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
ADOT Crash Reporting Information System (CRIS)	County Sheriff Dispatch	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
ADOT Crash Reporting Information System (CRIS)	DPS Central Communications Center	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
ADOT Crash Reporting Information System (CRIS)	Tribal Public Safety Dispatch	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
ADOT CV Roadside Equipment	ADOT ITS Field Equipment	traffic situation data	Planned	Current, aggregate traffic data collected from connected vehicles that can be used to supplement or replace information collected by roadside traffic detectors. It includes raw and/or processed reported vehicle speeds, counts, and other derived measures. Raw and/or filtered vehicle control events may also be included to support incident detection.
ADOT CV Roadside Equipment	ADOT Roadside Comm Equipment	environmental situation data	Planned	Aggregated and filtered vehicle environmental data collected from vehicle safety and convenience systems including measured air temperature, exterior light status, wiper status, sun sensor status, rain sensor status, traction control status, anti-lock brake status, and other collected vehicle system status and sensor information. This information flow represents the aggregated and filtered environmental data sets that are provided by the RSE to the back office center. Depending on the RSE configuration and implementation, the data set may also include environmental sensor station data collected by the RSE.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT CV Roadside Equipment	ADOT Roadside Comm Equipment	traffic situation data	Planned	Current, aggregate traffic data collected from connected vehicles that can be used to supplement or replace information collected by roadside traffic detectors. It includes raw and/or processed reported vehicle speeds, counts, and other derived measures. Raw and/or filtered vehicle control events may also be included to support incident detection.
ADOT CV Roadside Equipment	ADOT Roadside Comm Equipment	vehicle entries and exits	Planned	Information exchanged between an RSE and ITS Roadway Equipment that supports detection of non-equipped vehicles in an automated lane, low emissions zone, or other facility where V2I communications is used to monitor vehicles at entry or exit points. This exchange also supports identification of non-equipped vehicles where an RSE is used for payment collection. This generic exchange can be implemented by any approach that compares vehicle detections with V2I communications by the RSE to identify vehicles that are not equipped or are otherwise unable to communicate with the RSE.
ADOT CV Roadside Equipment	ADOT Service Monitor System for Connected Vehicle	RSE status	Planned	Monitoring of RSE device status including current mode, operational status, and configuration settings. It includes device housekeeping/heartbeat monitoring and includes network information, the status of installed applications, the configuration of managed devices, cybersecurity and physical security status of the RSE.
ADOT CV Roadside Equipment	ADOT TOC and EMC	automated lane status	Planned	Current operational status of lanes supporting automated vehicle operations. The flow includes the status of the RSEs, associated field equipment, and vehicles using the facility.
ADOT CV Roadside Equipment	ADOT TOC and EMC	environmental situation data	Planned	Aggregated and filtered vehicle environmental data collected from vehicle safety and convenience systems including measured air temperature, exterior light status, wiper status, sun sensor status, rain sensor status, traction control status, anti-lock brake status, and other collected vehicle system status and sensor information. This information flow represents the aggregated and filtered environmental data sets that are provided by the RSE to the back office center. Depending on the RSE configuration and implementation, the data set may also include environmental sensor station data collected by the RSE.
ADOT CV Roadside Equipment	ADOT TOC and EMC	speed management application status	Planned	Speed management application status reported by the RSE. This includes current operational state and status of the RSE and a record of measured vehicle speeds and current speed targets, advisories, and limits.
ADOT CV Roadside Equipment	ADOT TOC and EMC	traffic situation data	Planned	Current, aggregate traffic data collected from connected vehicles that can be used to supplement or replace information collected by roadside traffic detectors. It includes raw and/or processed reported vehicle speeds, counts, and other derived measures. Raw and/or filtered vehicle control events may also be included to support incident detection.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT CV Roadside Equipment	ADOT TOC Traffic Information Center	environmental situation data	Planned	Aggregated and filtered vehicle environmental data collected from vehicle safety and convenience systems including measured air temperature, exterior light status, wiper status, sun sensor status, rain sensor status, traction control status, anti-lock brake status, and other collected vehicle system status and sensor information. This information flow represents the aggregated and filtered environmental data sets that are provided by the RSE to the back office center. Depending on the RSE configuration and implementation, the data set may also include environmental sensor station data collected by the RSE.
ADOT CV Roadside Equipment	ADOT Wrong Way Driver Detection System	wrong way vehicle detected	Planned	Notification that a vehicle has been detected traveling in the wrong direction. This can be a direct report by an equipped vehicle that is being driven in the wrong direction or a report of a non-equipped vehicle that has been detected traveling in the wrong direction. It includes the current location, speed, acceleration, and heading of the wrong way vehicle.
ADOT CV Roadside Equipment	Commercial Vehicles	intersection status	Planned	Current signal phase and timing information for all lanes at a signalized intersection. This flow identifies active lanes and lanes that are being stopped and specifies the length of time that the current state will persist for each lane. It also identifies signal priority and preemption status and pedestrian crossing status information where applicable.
ADOT CV Roadside Equipment	DPS RMA Vehicles	intersection status	Planned	Current signal phase and timing information for all lanes at a signalized intersection. This flow identifies active lanes and lanes that are being stopped and specifies the length of time that the current state will persist for each lane. It also identifies signal priority and preemption status and pedestrian crossing status information where applicable.
ADOT CV Roadside Equipment	Map Update System	vehicle location data for mapping	Planned	Aggregate vehicle location data collected to support map data creation and refinement.
ADOT CV Roadside Equipment	MCDOT Service Monitoring Sys for Connected Vehicles	RSE status	Planned	Monitoring of RSE device status including current mode, operational status, and configuration settings. It includes device housekeeping/heartbeat monitoring and includes network information, the status of installed applications, the configuration of managed devices, cybersecurity and physical security status of the RSE.
ADOT CV Roadside Equipment	Personal Information Devices for Travelers	intersection geometry	Planned	The physical geometry of an intersection covering the location and width of each approaching lane, egress lane, and valid paths between approaches and egresses. This flow also defines the location of stop lines, cross walks, specific traffic law restrictions for the intersection (e.g., turning movement restrictions), and other elements that support calculation of a safe and legal vehicle path through the intersection.
ADOT CV Roadside Equipment	Private Vehicle OBE	vehicle signage data	Planned	In-vehicle signing data that augments regulatory, warning, and informational road signs and signals. The information provided would include static sign information (e.g., stop, curve warning, guide signs, service signs, and directional signs) and dynamic information (e.g., local traffic and road conditions, restrictions, vehicle requirements, work zones, detours, closures, advisories, and warnings).

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	ADOT Communications PIO	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT DEOC-Dept EM Ops Center	ADOT Communications PIO	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT DEOC-Dept EM Ops Center	ADOT Communications PIO	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT DEOC-Dept EM Ops Center	ADOT Communications PIO	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT DEOC-Dept EM Ops Center	ADOT Communications PIO	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT DEOC-Dept EM Ops Center	ADOT Communications PIO	transportation system status	Existing	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT DEOC-Dept EM Ops Center	ADOT ECD Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT DEOC-Dept EM Ops Center	ADOT ECD Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT DEOC-Dept EM Ops Center	ADOT ECD Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	ADOT ECD Dispatch	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
ADOT DEOC-Dept EM Ops Center	ADOT ECD Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT DEOC-Dept EM Ops Center	ADOT ECD Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT DEOC-Dept EM Ops Center	ADOT ECD Dispatch	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT DEOC-Dept EM Ops Center	ADOT ECD Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT DEOC-Dept EM Ops Center	ADOT ECD Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT DEOC-Dept EM Ops Center	ADOT ECD Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT DEOC-Dept EM Ops Center	ADOT ECD Dispatch	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT DEOC-Dept EM Ops Center	ADOT ECD Dispatch	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	ADOT ECD Dispatch	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT DEOC-Dept EM Ops Center	ADOT ECD Dispatch	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT DEOC-Dept EM Ops Center	ADOT ECD Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT DEOC-Dept EM Ops Center	ADOT Engineering Districts	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT DEOC-Dept EM Ops Center	ADOT Engineering Districts	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT DEOC-Dept EM Ops Center	ADOT Engineering Districts	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
ADOT DEOC-Dept EM Ops Center	ADOT Engineering Districts	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT DEOC-Dept EM Ops Center	ADOT Engineering Districts	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT DEOC-Dept EM Ops Center	ADOT Engineering Districts	maint and constr resource request	Planned	Request for road maintenance and construction resources that can be used in the diversion of traffic (cones, portable signs), clearance of a road hazard, repair of ancillary damage, or any other incident response. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of resources.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	ADOT Engineering Districts	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT DEOC-Dept EM Ops Center	ADOT Engineering Districts	threat information	Planned	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
ADOT DEOC-Dept EM Ops Center	ADOT Engineering Districts	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT DEOC-Dept EM Ops Center	ADOT Engineering Districts	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT DEOC-Dept EM Ops Center	ADOT HazMat Response Data Archive	emergency archive data	Planned	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADOT DEOC-Dept EM Ops Center	ADOT HazMat Response Data Archive	traffic archive data	Planned	Information describing the use and vehicle composition on transportation facilities and the traffic control strategies employed. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADOT DEOC-Dept EM Ops Center	ADOT HazMat Response Team	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT DEOC-Dept EM Ops Center	ADOT HazMat Response Team	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT DEOC-Dept EM Ops Center	ADOT HazMat Response Team	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	ADOT HazMat Response Team	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT DEOC-Dept EM Ops Center	ADOT HazMat Response Team	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
ADOT DEOC-Dept EM Ops Center	ADOT HazMat Response Team	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
ADOT DEOC-Dept EM Ops Center	ADOT HazMat Response Team	emergency traffic coordination	Existing	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
ADOT DEOC-Dept EM Ops Center	ADOT HazMat Response Team	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT DEOC-Dept EM Ops Center	ADOT HazMat Response Team	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
ADOT DEOC-Dept EM Ops Center	ADOT HazMat Response Team	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT DEOC-Dept EM Ops Center	ADOT HazMat Response Team	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT DEOC-Dept EM Ops Center	ADOT HazMat Response Team	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	ADOT HazMat Response Team	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT DEOC-Dept EM Ops Center	ADOT HazMat Response Team	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT DEOC-Dept EM Ops Center	ADOT HazMat Response Team	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT DEOC-Dept EM Ops Center	ADOT HazMat Response Team	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT DEOC-Dept EM Ops Center	ADOT HazMat Response Team	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
ADOT DEOC-Dept EM Ops Center	ADOT HazMat Response Team	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT DEOC-Dept EM Ops Center	ADOT HazMat Response Team	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT DEOC-Dept EM Ops Center	ADOT HazMat Response Team	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc).
ADOT DEOC-Dept EM Ops Center	ADOT HazMat Response Team	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT DEOC-Dept EM Ops Center	ADOT HazMat Response Team	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	ADOT Incident Response Unit (IRU)	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT DEOC-Dept EM Ops Center	ADOT Incident Response Unit (IRU)	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT DEOC-Dept EM Ops Center	ADOT Incident Response Unit (IRU)	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT DEOC-Dept EM Ops Center	ADOT Incident Response Unit (IRU)	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT DEOC-Dept EM Ops Center	ADOT Incident Response Unit (IRU)	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT DEOC-Dept EM Ops Center	ADOT Incident Response Unit (IRU)	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT DEOC-Dept EM Ops Center	ADOT Incident Response Unit (IRU)	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT DEOC-Dept EM Ops Center	ADOT Incident Response Unit (IRU)	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT DEOC-Dept EM Ops Center	ADOT Incident Response Unit (IRU)	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	ADOT Incident Response Unit (IRU)	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT DEOC-Dept EM Ops Center	ADOT Incident Response Unit (IRU)	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT DEOC-Dept EM Ops Center	ADOT Incident Response Unit (IRU)	resource deployment status	Existing	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT DEOC-Dept EM Ops Center	ADOT TOC and EMC	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT DEOC-Dept EM Ops Center	ADOT TOC and EMC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT DEOC-Dept EM Ops Center	ADOT TOC and EMC	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT DEOC-Dept EM Ops Center	ADOT TOC and EMC	device control request	Planned	Request for device control action
ADOT DEOC-Dept EM Ops Center	ADOT TOC and EMC	device data	Planned	Data from detectors, environmental sensor stations, roadside equipment, and traffic control devices, including device inventory information.
ADOT DEOC-Dept EM Ops Center	ADOT TOC and EMC	device status	Planned	Status information from devices
ADOT DEOC-Dept EM Ops Center	ADOT TOC and EMC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT DEOC-Dept EM Ops Center	ADOT TOC and EMC	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	ADOT TOC and EMC	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
ADOT DEOC-Dept EM Ops Center	ADOT TOC and EMC	emergency traffic coordination	Existing	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
ADOT DEOC-Dept EM Ops Center	ADOT TOC and EMC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT DEOC-Dept EM Ops Center	ADOT TOC and EMC	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
ADOT DEOC-Dept EM Ops Center	ADOT TOC and EMC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT DEOC-Dept EM Ops Center	ADOT TOC and EMC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT DEOC-Dept EM Ops Center	ADOT TOC and EMC	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT DEOC-Dept EM Ops Center	ADOT TOC and EMC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT DEOC-Dept EM Ops Center	ADOT TOC and EMC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	ADOT TOC and EMC	remote surveillance control	Planned	The control commands used to remotely operate another center's sensors or surveillance equipment so that roadside surveillance assets can be shared by more than one agency.
ADOT DEOC-Dept EM Ops Center	ADOT TOC and EMC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT DEOC-Dept EM Ops Center	ADOT TOC and EMC	resource deployment status	Existing	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT DEOC-Dept EM Ops Center	ADOT TOC and EMC	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
ADOT DEOC-Dept EM Ops Center	ADOT TOC and EMC	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT DEOC-Dept EM Ops Center	ADOT TOC and EMC	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT DEOC-Dept EM Ops Center	ADOT TOC and EMC	threat information	Planned	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
ADOT DEOC-Dept EM Ops Center	ADOT TOC and EMC	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT DEOC-Dept EM Ops Center	ADOT TOC and EMC	traffic image meta data	Planned	Meta data that describes traffic images. Traffic images (video) are in another flow.
ADOT DEOC-Dept EM Ops Center	ADOT TOC and EMC	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT DEOC-Dept EM Ops Center	ADOT TOC and EMC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT DEOC-Dept EM Ops Center	ADOT TOC and EMC	wrong way vehicle notification	Planned	Notification to public safety that a vehicle has been detected traveling in the wrong direction. It includes information about the vehicle (make, model, color, other identification data) and the current location, speed, acceleration, and heading of the wrong way vehicle.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	ADOT TOC Traffic Information Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT DEOC-Dept EM Ops Center	ADOT TOC Traffic Information Center	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
ADOT DEOC-Dept EM Ops Center	ADOT TOC Traffic Information Center	incident information for public	Existing	Report of current desensitized incident information prepared for public dissemination.
ADOT DEOC-Dept EM Ops Center	ADOT TOC Traffic Information Center	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT DEOC-Dept EM Ops Center	ADOT TOC Traffic Information Center	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT DEOC-Dept EM Ops Center	ADOT TOC Traffic Information Center	transportation system status	Existing	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT DEOC-Dept EM Ops Center	AZTech Traffic Ops Center	emergency traffic coordination	Existing	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
ADOT DEOC-Dept EM Ops Center	Caltrans TMC	emergency traffic coordination	Existing	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
ADOT DEOC-Dept EM Ops Center	CHP Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT DEOC-Dept EM Ops Center	CHP Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT DEOC-Dept EM Ops Center	CHP Dispatch	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	CHP Dispatch	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
ADOT DEOC-Dept EM Ops Center	CHP Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT DEOC-Dept EM Ops Center	CHP Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT DEOC-Dept EM Ops Center	CHP Dispatch	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT DEOC-Dept EM Ops Center	CHP Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT DEOC-Dept EM Ops Center	CHP Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT DEOC-Dept EM Ops Center	CHP Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT DEOC-Dept EM Ops Center	CHP Dispatch	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT DEOC-Dept EM Ops Center	CHP Dispatch	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	CHP Dispatch	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT DEOC-Dept EM Ops Center	CHP Dispatch	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT DEOC-Dept EM Ops Center	CHP Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT DEOC-Dept EM Ops Center	Cities and Towns EOC-EMC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT DEOC-Dept EM Ops Center	Cities and Towns EOC-EMC	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT DEOC-Dept EM Ops Center	Cities and Towns EOC-EMC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT DEOC-Dept EM Ops Center	Cities and Towns EOC-EMC	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
ADOT DEOC-Dept EM Ops Center	Cities and Towns EOC-EMC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT DEOC-Dept EM Ops Center	Cities and Towns EOC-EMC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	Cities and Towns EOC-EMC	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT DEOC-Dept EM Ops Center	Cities and Towns EOC-EMC	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT DEOC-Dept EM Ops Center	Cities and Towns EOC-EMC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT DEOC-Dept EM Ops Center	Cities and Towns EOC-EMC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT DEOC-Dept EM Ops Center	Cities and Towns EOC-EMC	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT DEOC-Dept EM Ops Center	Cities and Towns EOC-EMC	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT DEOC-Dept EM Ops Center	Cities and Towns EOC-EMC	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT DEOC-Dept EM Ops Center	Cities and Towns EOC-EMC	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT DEOC-Dept EM Ops Center	Cities and Towns EOC-EMC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT DEOC-Dept EM Ops Center	Cities and Towns Police and Fire Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	Cities and Towns Police and Fire Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT DEOC-Dept EM Ops Center	Cities and Towns Police and Fire Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT DEOC-Dept EM Ops Center	Cities and Towns Police and Fire Dispatch	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
ADOT DEOC-Dept EM Ops Center	Cities and Towns Police and Fire Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT DEOC-Dept EM Ops Center	Cities and Towns Police and Fire Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT DEOC-Dept EM Ops Center	Cities and Towns Police and Fire Dispatch	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT DEOC-Dept EM Ops Center	Cities and Towns Police and Fire Dispatch	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT DEOC-Dept EM Ops Center	Cities and Towns Police and Fire Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT DEOC-Dept EM Ops Center	Cities and Towns Police and Fire Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	Cities and Towns Police and Fire Dispatch	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT DEOC-Dept EM Ops Center	Cities and Towns Police and Fire Dispatch	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT DEOC-Dept EM Ops Center	Cities and Towns Police and Fire Dispatch	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT DEOC-Dept EM Ops Center	Cities and Towns Police and Fire Dispatch	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT DEOC-Dept EM Ops Center	Cities and Towns Police and Fire Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT DEOC-Dept EM Ops Center	County EMC-EOC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT DEOC-Dept EM Ops Center	County EMC-EOC	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT DEOC-Dept EM Ops Center	County EMC-EOC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT DEOC-Dept EM Ops Center	County EMC-EOC	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
ADOT DEOC-Dept EM Ops Center	County EMC-EOC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	County EMC-EOC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT DEOC-Dept EM Ops Center	County EMC-EOC	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT DEOC-Dept EM Ops Center	County EMC-EOC	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT DEOC-Dept EM Ops Center	County EMC-EOC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT DEOC-Dept EM Ops Center	County EMC-EOC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT DEOC-Dept EM Ops Center	County EMC-EOC	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT DEOC-Dept EM Ops Center	County EMC-EOC	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT DEOC-Dept EM Ops Center	County EMC-EOC	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT DEOC-Dept EM Ops Center	County EMC-EOC	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	County EMC-EOC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT DEOC-Dept EM Ops Center	DEMA CRT - HazMat Response Team	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT DEOC-Dept EM Ops Center	DEMA CRT - HazMat Response Team	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT DEOC-Dept EM Ops Center	DEMA CRT - HazMat Response Team	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT DEOC-Dept EM Ops Center	DEMA CRT - HazMat Response Team	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT DEOC-Dept EM Ops Center	DEMA CRT - HazMat Response Team	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT DEOC-Dept EM Ops Center	DEMA CRT - HazMat Response Team	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT DEOC-Dept EM Ops Center	DEMA CRT - HazMat Response Team	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	DEMA CRT - HazMat Response Team	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT DEOC-Dept EM Ops Center	DEMA CRT - HazMat Response Team	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT DEOC-Dept EM Ops Center	DEMA CRT - HazMat Response Team	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT DEOC-Dept EM Ops Center	DEMA CRT - HazMat Response Team	resource deployment status	Existing	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT DEOC-Dept EM Ops Center	DEMA CRT - HazMat Response Team	resource request	Existing	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
ADOT DEOC-Dept EM Ops Center	DEMA CRT - HazMat Response Team	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
ADOT DEOC-Dept EM Ops Center	DEMA CRT - HazMat Response Team	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT DEOC-Dept EM Ops Center	DEMA Emergency Alert System	threat data for analysis	Planned	Data from surveillance or sensor equipment in secure areas provided for further analysis.
ADOT DEOC-Dept EM Ops Center	DEMA Emergency Alert System	threat information	Planned	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
ADOT DEOC-Dept EM Ops Center	DEMA Enforcement	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT DEOC-Dept EM Ops Center	DEMA Enforcement	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	DEMA Enforcement	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT DEOC-Dept EM Ops Center	DEMA Enforcement	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT DEOC-Dept EM Ops Center	DEMA Enforcement	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT DEOC-Dept EM Ops Center	DEMA Enforcement	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT DEOC-Dept EM Ops Center	DEMA Enforcement	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT DEOC-Dept EM Ops Center	DEMA Enforcement	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT DEOC-Dept EM Ops Center	DEMA Enforcement	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT DEOC-Dept EM Ops Center	DEMA SEOC Arizona DEM Military Affairs	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT DEOC-Dept EM Ops Center	DEMA SEOC Arizona DEM Military Affairs	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT DEOC-Dept EM Ops Center	DEMA SEOC Arizona DEM Military Affairs	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	DEMA SEOC Arizona DEM Military Affairs	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
ADOT DEOC-Dept EM Ops Center	DEMA SEOC Arizona DEM Military Affairs	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT DEOC-Dept EM Ops Center	DEMA SEOC Arizona DEM Military Affairs	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT DEOC-Dept EM Ops Center	DEMA SEOC Arizona DEM Military Affairs	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT DEOC-Dept EM Ops Center	DEMA SEOC Arizona DEM Military Affairs	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT DEOC-Dept EM Ops Center	DEMA SEOC Arizona DEM Military Affairs	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT DEOC-Dept EM Ops Center	DEMA SEOC Arizona DEM Military Affairs	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT DEOC-Dept EM Ops Center	DEMA SEOC Arizona DEM Military Affairs	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT DEOC-Dept EM Ops Center	DEMA SEOC Arizona DEM Military Affairs	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.

Information Flows – Tabular Format (sorted by Source Element)

RAD-IT Table

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	DEMA SEOC Arizona DEM Military Affairs	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT DEOC-Dept EM Ops Center	DEMA SEOC Arizona DEM Military Affairs	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT DEOC-Dept EM Ops Center	DEMA SEOC Arizona DEM Military Affairs	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT DEOC-Dept EM Ops Center	DEMA WebEOC System	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT DEOC-Dept EM Ops Center	DEMA WebEOC System	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT DEOC-Dept EM Ops Center	DEMA WebEOC System	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT DEOC-Dept EM Ops Center	DEMA WebEOC System	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT DEOC-Dept EM Ops Center	DEMA WebEOC System	incident information for public	Existing	Report of current desensitized incident information prepared for public dissemination.
ADOT DEOC-Dept EM Ops Center	DEMA WebEOC System	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT DEOC-Dept EM Ops Center	DEMA WebEOC System	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT DEOC-Dept EM Ops Center	DEMA WebEOC System	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT DEOC-Dept EM Ops Center	DEMA WebEOC System	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	DEMA WebEOC System	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT DEOC-Dept EM Ops Center	DPS Central Communications Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT DEOC-Dept EM Ops Center	DPS Central Communications Center	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT DEOC-Dept EM Ops Center	DPS Central Communications Center	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT DEOC-Dept EM Ops Center	DPS Central Communications Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT DEOC-Dept EM Ops Center	DPS Central Communications Center	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
ADOT DEOC-Dept EM Ops Center	DPS Central Communications Center	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
ADOT DEOC-Dept EM Ops Center	DPS Central Communications Center	emergency traffic coordination	Existing	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	DPS Central Communications Center	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT DEOC-Dept EM Ops Center	DPS Central Communications Center	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
ADOT DEOC-Dept EM Ops Center	DPS Central Communications Center	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT DEOC-Dept EM Ops Center	DPS Central Communications Center	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT DEOC-Dept EM Ops Center	DPS Central Communications Center	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT DEOC-Dept EM Ops Center	DPS Central Communications Center	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT DEOC-Dept EM Ops Center	DPS Central Communications Center	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT DEOC-Dept EM Ops Center	DPS Central Communications Center	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT DEOC-Dept EM Ops Center	DPS Central Communications Center	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT DEOC-Dept EM Ops Center	DPS Central Communications Center	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	DPS Central Communications Center	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT DEOC-Dept EM Ops Center	DPS Central Communications Center	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT DEOC-Dept EM Ops Center	DPS Central Communications Center	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
ADOT DEOC-Dept EM Ops Center	DPS Central Communications Center	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT DEOC-Dept EM Ops Center	DPS Central Communications Center	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT DEOC-Dept EM Ops Center	Independent School District Bus Dispatch	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT DEOC-Dept EM Ops Center	Independent School District Bus Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT DEOC-Dept EM Ops Center	Independent School District Bus Dispatch	emergency transit service request	Existing	Request to modify transit service and fare schedules to address emergencies, including requests for transit services to evacuate people from and/or deploy response agency personnel to an emergency scene. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of transit resources.
ADOT DEOC-Dept EM Ops Center	Independent School District Bus Dispatch	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	Independent School District Bus Dispatch	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT DEOC-Dept EM Ops Center	Independent School District Bus Dispatch	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT DEOC-Dept EM Ops Center	Independent School District Bus Dispatch	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT DEOC-Dept EM Ops Center	Independent School District Bus Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT DEOC-Dept EM Ops Center	Local Print and Broadcast Media	incident information for media	Existing	Report of current desensitized incident information prepared for public dissemination through the media.
ADOT DEOC-Dept EM Ops Center	Map Update System	map update notification	Planned	Notification of maintenance, construction, and other activities that will result in medium to long term changes to road location and configuration that may impact navigable maps. This flow includes the timing of the changes and precise enumeration of the location and configuration changes. It also includes updated static speed limits (perhaps other regulatory rules/signage - no U turns, etc.) and default travel times.
ADOT DEOC-Dept EM Ops Center	Maricopa County EOC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT DEOC-Dept EM Ops Center	Maricopa County EOC	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT DEOC-Dept EM Ops Center	Maricopa County EOC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	Maricopa County EOC	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
ADOT DEOC-Dept EM Ops Center	Maricopa County EOC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT DEOC-Dept EM Ops Center	Maricopa County EOC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT DEOC-Dept EM Ops Center	Maricopa County EOC	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT DEOC-Dept EM Ops Center	Maricopa County EOC	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT DEOC-Dept EM Ops Center	Maricopa County EOC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT DEOC-Dept EM Ops Center	Maricopa County EOC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT DEOC-Dept EM Ops Center	Maricopa County EOC	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT DEOC-Dept EM Ops Center	Maricopa County EOC	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.

Information Flows – Tabular Format (sorted by Source Element)

RAD-IT Table

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	Maricopa County EOC	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT DEOC-Dept EM Ops Center	Maricopa County EOC	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT DEOC-Dept EM Ops Center	Maricopa County EOC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT DEOC-Dept EM Ops Center	Mexico Customs and Border Patrol	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT DEOC-Dept EM Ops Center	Mexico Customs and Border Patrol	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT DEOC-Dept EM Ops Center	Mexico Customs and Border Patrol	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT DEOC-Dept EM Ops Center	Mexico Customs and Border Patrol	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
ADOT DEOC-Dept EM Ops Center	Mexico Customs and Border Patrol	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT DEOC-Dept EM Ops Center	Mexico Customs and Border Patrol	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	Mexico Customs and Border Patrol	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT DEOC-Dept EM Ops Center	Mexico Customs and Border Patrol	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT DEOC-Dept EM Ops Center	Mexico Customs and Border Patrol	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT DEOC-Dept EM Ops Center	Mexico Customs and Border Patrol	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT DEOC-Dept EM Ops Center	Mexico Customs and Border Patrol	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT DEOC-Dept EM Ops Center	Mexico Customs and Border Patrol	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT DEOC-Dept EM Ops Center	Mexico Customs and Border Patrol	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT DEOC-Dept EM Ops Center	Mexico Customs and Border Patrol	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT DEOC-Dept EM Ops Center	Mexico Customs and Border Patrol	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT DEOC-Dept EM Ops Center	Mexico Public Safety	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	Mexico Public Safety	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT DEOC-Dept EM Ops Center	Mexico Public Safety	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT DEOC-Dept EM Ops Center	Mexico Public Safety	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
ADOT DEOC-Dept EM Ops Center	Mexico Public Safety	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT DEOC-Dept EM Ops Center	Mexico Public Safety	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT DEOC-Dept EM Ops Center	Mexico Public Safety	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT DEOC-Dept EM Ops Center	Mexico Public Safety	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT DEOC-Dept EM Ops Center	Mexico Public Safety	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT DEOC-Dept EM Ops Center	Mexico Public Safety	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	Mexico Public Safety	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT DEOC-Dept EM Ops Center	Mexico Public Safety	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT DEOC-Dept EM Ops Center	Mexico Public Safety	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT DEOC-Dept EM Ops Center	Mexico Public Safety	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT DEOC-Dept EM Ops Center	Mexico Public Safety	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT DEOC-Dept EM Ops Center	NDOT TOC - FAST TMC	device control request	Planned	Request for device control action
ADOT DEOC-Dept EM Ops Center	NDOT TOC - FAST TMC	device data	Planned	Data from detectors, environmental sensor stations, roadside equipment, and traffic control devices, including device inventory information.
ADOT DEOC-Dept EM Ops Center	NDOT TOC - FAST TMC	device status	Planned	Status information from devices
ADOT DEOC-Dept EM Ops Center	NDOT TOC - FAST TMC	emergency traffic coordination	Existing	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
ADOT DEOC-Dept EM Ops Center	NDOT TOC - FAST TMC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT DEOC-Dept EM Ops Center	NDOT TOC - FAST TMC	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	NDOT TOC - FAST TMC	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT DEOC-Dept EM Ops Center	Nevada State Police Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT DEOC-Dept EM Ops Center	Nevada State Police Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT DEOC-Dept EM Ops Center	Nevada State Police Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT DEOC-Dept EM Ops Center	Nevada State Police Dispatch	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
ADOT DEOC-Dept EM Ops Center	Nevada State Police Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT DEOC-Dept EM Ops Center	Nevada State Police Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT DEOC-Dept EM Ops Center	Nevada State Police Dispatch	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT DEOC-Dept EM Ops Center	Nevada State Police Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	Nevada State Police Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT DEOC-Dept EM Ops Center	Nevada State Police Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT DEOC-Dept EM Ops Center	Nevada State Police Dispatch	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT DEOC-Dept EM Ops Center	Nevada State Police Dispatch	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT DEOC-Dept EM Ops Center	Nevada State Police Dispatch	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT DEOC-Dept EM Ops Center	Nevada State Police Dispatch	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT DEOC-Dept EM Ops Center	Nevada State Police Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT DEOC-Dept EM Ops Center	New Mexico State Police Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT DEOC-Dept EM Ops Center	New Mexico State Police Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT DEOC-Dept EM Ops Center	New Mexico State Police Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	New Mexico State Police Dispatch	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
ADOT DEOC-Dept EM Ops Center	New Mexico State Police Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT DEOC-Dept EM Ops Center	New Mexico State Police Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT DEOC-Dept EM Ops Center	New Mexico State Police Dispatch	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT DEOC-Dept EM Ops Center	New Mexico State Police Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT DEOC-Dept EM Ops Center	New Mexico State Police Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT DEOC-Dept EM Ops Center	New Mexico State Police Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT DEOC-Dept EM Ops Center	New Mexico State Police Dispatch	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT DEOC-Dept EM Ops Center	New Mexico State Police Dispatch	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.

Information Flows – Tabular Format (sorted by Source Element)

RAD-IT Table

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	New Mexico State Police Dispatch	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT DEOC-Dept EM Ops Center	New Mexico State Police Dispatch	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT DEOC-Dept EM Ops Center	New Mexico State Police Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT DEOC-Dept EM Ops Center	New Mexico Statewide TMC	emergency traffic coordination	Existing	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
ADOT DEOC-Dept EM Ops Center	Public Private Traveler Information	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT DEOC-Dept EM Ops Center	Public Private Traveler Information	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
ADOT DEOC-Dept EM Ops Center	Public Private Traveler Information	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
ADOT DEOC-Dept EM Ops Center	Public Private Traveler Information	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT DEOC-Dept EM Ops Center	Public Private Traveler Information	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT DEOC-Dept EM Ops Center	Public Private Traveler Information	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT DEOC-Dept EM Ops Center	Railroad Operations Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	Railroad Operations Center	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
ADOT DEOC-Dept EM Ops Center	Railroad Operations Center	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT DEOC-Dept EM Ops Center	Railroad Operations Center	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT DEOC-Dept EM Ops Center	Railroad Operations Center	threat information	Planned	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc).
ADOT DEOC-Dept EM Ops Center	Social Media and Networking	alert notification for social media	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public via social media. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This version of the flow contains only publicly available information and is structured and formatted for publication on specific social media platforms and other public-facing sites.
ADOT DEOC-Dept EM Ops Center	Transit Providers Dispatch (Public and Private)	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT DEOC-Dept EM Ops Center	Transit Providers Dispatch (Public and Private)	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT DEOC-Dept EM Ops Center	Transit Providers Dispatch (Public and Private)	emergency transit service request	Existing	Request to modify transit service and fare schedules to address emergencies, including requests for transit services to evacuate people from and/or deploy response agency personnel to an emergency scene. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of transit resources.
ADOT DEOC-Dept EM Ops Center	Transit Providers Dispatch (Public and Private)	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	Transit Providers Dispatch (Public and Private)	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT DEOC-Dept EM Ops Center	Transit Providers Dispatch (Public and Private)	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT DEOC-Dept EM Ops Center	Transit Providers Dispatch (Public and Private)	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc).
ADOT DEOC-Dept EM Ops Center	Tribal Public Safety Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT DEOC-Dept EM Ops Center	Tribal Public Safety Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT DEOC-Dept EM Ops Center	Tribal Public Safety Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT DEOC-Dept EM Ops Center	Tribal Public Safety Dispatch	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
ADOT DEOC-Dept EM Ops Center	Tribal Public Safety Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT DEOC-Dept EM Ops Center	Tribal Public Safety Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	Tribal Public Safety Dispatch	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT DEOC-Dept EM Ops Center	Tribal Public Safety Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT DEOC-Dept EM Ops Center	Tribal Public Safety Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT DEOC-Dept EM Ops Center	Tribal Public Safety Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT DEOC-Dept EM Ops Center	Tribal Public Safety Dispatch	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT DEOC-Dept EM Ops Center	Tribal Public Safety Dispatch	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT DEOC-Dept EM Ops Center	Tribal Public Safety Dispatch	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT DEOC-Dept EM Ops Center	Tribal Public Safety Dispatch	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT DEOC-Dept EM Ops Center	Tribal Public Safety Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	Tribal TMC-TOC-TIC	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT DEOC-Dept EM Ops Center	Tribal TMC-TOC-TIC	emergency traffic control request	Planned	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
ADOT DEOC-Dept EM Ops Center	Tribal TMC-TOC-TIC	emergency traffic coordination	Planned	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
ADOT DEOC-Dept EM Ops Center	Tribal TMC-TOC-TIC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT DEOC-Dept EM Ops Center	Tribal TMC-TOC-TIC	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
ADOT DEOC-Dept EM Ops Center	Tribal Transit Centers	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT DEOC-Dept EM Ops Center	Tribal Transit Centers	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT DEOC-Dept EM Ops Center	Tribal Transit Centers	emergency transit service request	Planned	Request to modify transit service and fare schedules to address emergencies, including requests for transit services to evacuate people from and/or deploy response agency personnel to an emergency scene. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of transit resources.
ADOT DEOC-Dept EM Ops Center	Tribal Transit Centers	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	Tribal Transit Centers	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT DEOC-Dept EM Ops Center	Tribal Transit Centers	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT DEOC-Dept EM Ops Center	Tribal Transit Centers	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT DEOC-Dept EM Ops Center	Tribal Transit Centers	threat information	Planned	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc).
ADOT DEOC-Dept EM Ops Center	Tribal Transit Centers	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT DEOC-Dept EM Ops Center	US Border Patrol Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT DEOC-Dept EM Ops Center	US Border Patrol Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT DEOC-Dept EM Ops Center	US Border Patrol Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT DEOC-Dept EM Ops Center	US Border Patrol Dispatch	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	US Border Patrol Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT DEOC-Dept EM Ops Center	US Border Patrol Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT DEOC-Dept EM Ops Center	US Border Patrol Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT DEOC-Dept EM Ops Center	US Border Patrol Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT DEOC-Dept EM Ops Center	US Border Patrol Dispatch	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT DEOC-Dept EM Ops Center	US Border Patrol Dispatch	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT DEOC-Dept EM Ops Center	US Border Patrol Dispatch	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT DEOC-Dept EM Ops Center	US Border Patrol Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT DEOC-Dept EM Ops Center	Utah State Police Dispatch	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT DEOC-Dept EM Ops Center	Utah State Police Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	Utah State Police Dispatch	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT DEOC-Dept EM Ops Center	Utah State Police Dispatch	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
ADOT DEOC-Dept EM Ops Center	Utah State Police Dispatch	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT DEOC-Dept EM Ops Center	Utah State Police Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT DEOC-Dept EM Ops Center	Utah State Police Dispatch	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT DEOC-Dept EM Ops Center	Utah State Police Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT DEOC-Dept EM Ops Center	Utah State Police Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT DEOC-Dept EM Ops Center	Utah State Police Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT DEOC-Dept EM Ops Center	Utah State Police Dispatch	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DEOC-Dept EM Ops Center	Utah State Police Dispatch	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT DEOC-Dept EM Ops Center	Utah State Police Dispatch	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT DEOC-Dept EM Ops Center	Utah State Police Dispatch	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT DEOC-Dept EM Ops Center	Utah State Police Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT DEOC-Dept EM Ops Center	Utah Statewide TMC	emergency traffic coordination	Existing	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
ADOT DEOC-Dept EM Ops Center	Wide Area Alerting Systems	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT DEOC-Dept EM Ops Center	Wide Area Alerting Systems	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
ADOT DEOC-Dept EM Ops Center	Wide Area Alerting Systems	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
ADOT DEOC-Dept EM Ops Center	Wide Area Alerting Systems	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT DEOC-Dept EM Ops Center	Wide Area Alerting Systems	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT DEOC-Dept EM Ops Center	Wide Area Alerting Systems	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Dust Detection Software System	ADOT 511 Website	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT Dust Detection Software System	ADOT DUST Detection System	environmental sensor control	Existing	Data used to configure and control environmental sensors.
ADOT Dust Detection Software System	ADOT ITS Field Equipment	environmental sensor control	Existing	Data used to configure and control environmental sensors.
ADOT Dust Detection Software System	ADOT ITS Field Equipment	roadway dynamic signage data	Existing	Information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support remote management of these devices.
ADOT Dust Detection Software System	ADOT ITS Field Equipment	roadway warning system control	Existing	Information used to configure and control roadway warning systems.
ADOT Dust Detection Software System	ADOT ITS Field Equipment	speed monitoring control	Existing	Information used to configure and control automated speed monitoring, speed warning, and speed enforcement systems.
ADOT Dust Detection Software System	ADOT ITS Field Equipment	variable speed limit control	Existing	Information used to configure and control variable speed limit systems including the equipment used to provide current speed limits and other information to drivers.
ADOT Dust Detection Software System	ADOT Mainline Detection	environmental monitoring application info	Existing	Environmental monitoring application parameters and thresholds that control the filtering, aggregation, and range of measures that are collected, derived, and reported. This flow also supports remote control of the application so the application can be taken offline, reset, or restarted.
ADOT Dust Detection Software System	ADOT Mainline Detection	roadway dynamic signage data	Existing	Information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support remote management of these devices.
ADOT Dust Detection Software System	ADOT Mainline Detection	speed management application information	Existing	Current speed targets, advisories, and limits including time of day, week, or season speed limits as necessary, and application parameters and thresholds. This flow also supports remote control of the application so the application can be taken offline, reset, or restarted.
ADOT Dust Detection Software System	ADOT Mainline Detection	speed monitoring control	Existing	Information used to configure and control automated speed monitoring, speed warning, and speed enforcement systems.
ADOT Dust Detection Software System	ADOT Mainline Detection	variable speed limit control	Existing	Information used to configure and control variable speed limit systems including the equipment used to provide current speed limits and other information to drivers.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Dust Detection Software System	ADOT TOC and EMC	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT Dust Detection Software System	ADOT TOC and EMC	device data	Existing	Data from detectors, environmental sensor stations, roadside equipment, and traffic control devices, including device inventory information.
ADOT Dust Detection Software System	ADOT TOC and EMC	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT Dust Detection Software System	NOAA _National Weather Service	environmental conditions data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors and aggregated by the data collector. Attributes relating to the data collection (and aggregation) are also included.
ADOT Dust Detection Software System	NOAA _National Weather Service	road network environmental situation data	Planned	Aggregated environmental situation data collected from vehicles and other sources for the road network. Aggregated information would include measured air temperature, exterior light status, wiper status, sun sensor status, rain sensor status, traction control status, ALB status, and other collected vehicle system status and sensor information for the region.
ADOT DUST Detection System	ADOT Dust Detection Software System	environmental sensor data	Existing	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
ADOT DUST Detection System	ADOT Roadside Comm Equipment	dynamic sign coordination	Existing	The direct flow of information between field equipment. This includes information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support local management of these devices. Current operating status of dynamic message signs is returned.
ADOT DUST Detection System	ADOT Roadside Comm Equipment	environmental sensor coordination	Existing	The direct flow of information between field equipment. This includes configuration and control of environmental sensors and the current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
ADOT DUST Detection System	ADOT Roadside Comm Equipment	roadway warning coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control roadway warning systems and the current operating status of roadway warning systems.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DUST Detection System	ADOT Roadside Comm Equipment	variable speed limit coordination	Existing	The direct flow of information between field equipment. This includes information used to configure, control, and monitor variable speed limit systems including the equipment used to provide current speed limits and other information to drivers.
ADOT DUST Detection System	ADOT Roadside Comm Equipment	video surveillance coordination	Planned	The direct flow of information between field equipment. This includes information used to configure and control video surveillance systems and the high fidelity, real-time traffic images and associated meta data that are returned.
ADOT DUST Detection System	ADOT Systems Maintenance	environmental sensor data	Existing	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
ADOT DUST Detection System	ADOT TOC and EMC	barrier system status	Planned	Current operating status of barrier systems. Barrier systems represent gates, barriers and other automated or remotely controlled systems used to manage entry to roadways. Status of the systems includes operating condition and current operational state.
ADOT DUST Detection System	ADOT TOC and EMC	environmental sensor data	Existing	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
ADOT DUST Detection System	ADOT TOC and EMC	lane management information	Planned	System status of managed lanes including current operational state, violations, and logged information. This includes lane usage information including both traditional traffic flow measures and special information associated with managed lanes such as measured passenger occupancies. It also includes the operational status of the lane management equipment.
ADOT DUST Detection System	ADOT TOC and EMC	mixed use safety warning status	Existing	Current operational status and state of pedestrian crossings and other mixed use path crossing warning systems.
ADOT DUST Detection System	ADOT TOC and EMC	passive vehicle monitoring data	Existing	Time stamped identifiers that identify the vehicles that have passed through a detection zone.
ADOT DUST Detection System	ADOT TOC and EMC	reversible lane status	Planned	Current reversible lane status including traffic sensor and surveillance data and the operational status and mode of the reversible lane control equipment.
ADOT DUST Detection System	ADOT TOC and EMC	right-of-way request notification	Existing	Notice that a request has occurred for signal prioritization, signal preemption, pedestrian call, multi-modal crossing activation, or other source for right-of-way.
ADOT DUST Detection System	ADOT TOC and EMC	roadway advisory radio status	Planned	Current operating status of highway advisory radios.
ADOT DUST Detection System	ADOT TOC and EMC	roadway dynamic signage status	Existing	Current operating status of dynamic message signs.
ADOT DUST Detection System	ADOT TOC and EMC	roadway warning system status	Existing	Current operating status of roadway warning systems.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT DUST Detection System	ADOT TOC and EMC	safeguard system status	Planned	Current operating status of safeguard systems (remotely controlled equipment used to mitigate the impact of incidents on transportation infrastructure, such as blast shields, exhaust systems, etc.). Status of the systems includes operating condition and current operational state.
ADOT DUST Detection System	ADOT TOC and EMC	signal control status	Existing	Operational and status data of traffic signal control equipment including operating condition and current indications.
ADOT DUST Detection System	ADOT TOC and EMC	signal fault data	Existing	Faults reported by traffic signal control equipment.
ADOT DUST Detection System	ADOT TOC and EMC	speed monitoring information	Planned	System status including current operational state and logged information including measured speeds, warning messages displayed, and violation records.
ADOT DUST Detection System	ADOT TOC and EMC	traffic detector data	Existing	Raw and/or processed traffic detector data which allows derivation of traffic flow variables (e.g., speed, volume, and density measures) and associated information (e.g., congestion, potential incidents). This flow includes the traffic data and the operational status of the traffic detectors
ADOT DUST Detection System	ADOT TOC and EMC	traffic image meta data	Planned	Meta data that describes traffic images. Traffic images (video) are in another flow.
ADOT DUST Detection System	ADOT TOC and EMC	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT DUST Detection System	ADOT TOC and EMC	traffic metering status	Existing	Current operational status and operating parameters for ramp meters, interchange meters, mainline meters and other control equipment associated with roadway metering operations.
ADOT DUST Detection System	ADOT TOC and EMC	variable speed limit status	Planned	Current operating status of the variable speed limit systems including the state of the equipment.
ADOT DUST Detection System	ADOT TOC and EMC	weather information	Planned	Accumulated forecasted and current weather data (e.g., temperature, pressure, wind speed, wind direction, humidity, precipitation, visibility, light conditions, etc.).
ADOT DUST Detection System	ADOT TOC and EMC	wrong way vehicle detected	Planned	Notification that a vehicle has been detected traveling in the wrong direction. This can be a direct report by an equipped vehicle that is being driven in the wrong direction or a report of a non-equipped vehicle that has been detected traveling in the wrong direction. It includes the current location, speed, acceleration, and heading of the wrong way vehicle.
ADOT ECD CVO Administration Center	ADOT Electronic Bypass Stations	commercial vehicle permit information	Existing	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
ADOT ECD CVO Administration Center	ADOT Electronic Bypass Stations	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD CVO Administration Center	ADOT Electronic Bypass Stations	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
ADOT ECD CVO Administration Center	ADOT Electronic Bypass Stations	cv driver record	Existing	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
ADOT ECD CVO Administration Center	ADOT Electronic Bypass Stations	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
ADOT ECD CVO Administration Center	ADOT Electronic Bypass Stations	targeted list	Existing	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.
ADOT ECD CVO Administration Center	ADOT Motor Vehicle Division (MVD) Database	border information archive data	Planned	Border inspection activities data. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADOT ECD CVO Administration Center	ADOT Motor Vehicle Division (MVD) Database	commercial vehicle archive data	Planned	Information describing commercial vehicle travel and commodity flow characteristics. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADOT ECD CVO Administration Center	ADOT MVD Commercial Vehicle Administration	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
ADOT ECD CVO Administration Center	ADOT MVD Commercial Vehicle Administration	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD CVO Administration Center	ADOT MVD Commercial Vehicle Administration	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
ADOT ECD CVO Administration Center	ADOT TOC and EMC	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT ECD CVO Administration Center	ADOT TOC and EMC	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT ECD CVO Administration Center	ADOT TOC and EMC	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT ECD CVO Administration Center	ADOT TOC and EMC	emergency traffic control request	Planned	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
ADOT ECD CVO Administration Center	ADOT TOC and EMC	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT ECD CVO Administration Center	ADOT TOC and EMC	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
ADOT ECD CVO Administration Center	ADOT TOC and EMC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD CVO Administration Center	ADOT TOC and EMC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT ECD CVO Administration Center	ADOT TOC and EMC	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT ECD CVO Administration Center	ADOT TOC and EMC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT ECD CVO Administration Center	ADOT TOC and EMC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT ECD CVO Administration Center	ADOT TOC and EMC	remote surveillance control	Planned	The control commands used to remotely operate another center's sensors or surveillance equipment so that roadside surveillance assets can be shared by more than one agency.
ADOT ECD CVO Administration Center	ADOT TOC and EMC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT ECD CVO Administration Center	ADOT TOC and EMC	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT ECD CVO Administration Center	ADOT TOC and EMC	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
ADOT ECD CVO Administration Center	ADOT TOC and EMC	threat information	Planned	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
ADOT ECD CVO Administration Center	ADOT TOC and EMC	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD CVO Administration Center	ADOT TOC and EMC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT ECD CVO Administration Center	ADOT WIM Stations	commercial vehicle permit information	Existing	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
ADOT ECD CVO Administration Center	ADOT WIM Stations	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
ADOT ECD CVO Administration Center	ADOT WIM Stations	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
ADOT ECD CVO Administration Center	ADOT WIM Stations	cv driver record	Existing	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
ADOT ECD CVO Administration Center	ADOT WIM Stations	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
ADOT ECD CVO Administration Center	ADOT WIM Stations	targeted list	Existing	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.
ADOT ECD CVO Administration Center	Commercial Vehicle Driver and Vehicle Verification Systems	border information archive data	Planned	Border inspection activities data. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADOT ECD CVO Administration Center	Commercial Vehicle Driver and Vehicle Verification Systems	commercial vehicle archive data	Planned	Information describing commercial vehicle travel and commodity flow characteristics. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADOT ECD CVO Administration Center	Commercial Vehicle Driver and Vehicle Verification Systems	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD CVO Administration Center	Commercial Vehicle Driver and Vehicle Verification Systems	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
ADOT ECD CVO Administration Center	Commercial Vehicle Driver and Vehicle Verification Systems	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
ADOT ECD CVO Administration Center	Commercial Vehicle Enforcement Partnership System	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT ECD CVO Administration Center	Commercial Vehicle Enforcement Partnership System	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT ECD CVO Administration Center	Commercial Vehicles	safety inspection record	Planned	Record containing results of commercial vehicle safety inspection.
ADOT ECD CVO Administration Center	DEMA Enforcement	citation	Existing	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
ADOT ECD CVO Administration Center	DEMA Enforcement	commercial vehicle violation notification	Existing	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.
ADOT ECD CVO Administration Center	DPS Commercial Vehicle Enforcement	accident report	Planned	Report of commercial vehicle safety accident. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD CVO Administration Center	DPS Commercial Vehicle Enforcement	carrier participation report	Planned	Report that summarizes motor carrier participation in CVO programs. Used to identify the level of active participation and to report which enrolled carriers are not participating as expected.
ADOT ECD CVO Administration Center	DPS Commercial Vehicle Enforcement	citation	Planned	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
ADOT ECD CVO Administration Center	DPS Commercial Vehicle Enforcement	commercial vehicle permit information	Planned	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
ADOT ECD CVO Administration Center	DPS Commercial Vehicle Enforcement	commercial vehicle violation notification	Planned	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.
ADOT ECD CVO Administration Center	DPS Commercial Vehicle Enforcement	credential fee coordination	Planned	Description of fees, taxes and similar charges related to commercial vehicle credentials. In US and Canada, this includes rates for credentials that are exchanged between agencies via IRP, IFTA, etc.
ADOT ECD CVO Administration Center	DPS Commercial Vehicle Enforcement	credentials information	Planned	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
ADOT ECD CVO Administration Center	DPS Commercial Vehicle Enforcement	credentials status information	Planned	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
ADOT ECD CVO Administration Center	DPS Commercial Vehicle Enforcement	cv driver record	Planned	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
ADOT ECD CVO Administration Center	DPS Commercial Vehicle Enforcement	daily site activity data	Planned	Record of daily activities at commercial vehicle check stations including summaries of screening events and inspections.
ADOT ECD CVO Administration Center	DPS Commercial Vehicle Enforcement	request for data review	Planned	Request that data reported about a motor carrier or driver be reviewed for potential mis-assignment or other error.
ADOT ECD CVO Administration Center	DPS Commercial Vehicle Enforcement	route restrictions	Planned	Information about routes, road segments, and areas that do not allow the transport of security sensitive hazmat cargoes or include other restrictions (such as height or weight limits).

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD CVO Administration Center	DPS Commercial Vehicle Enforcement	safety inspection report	Planned	Report containing results of commercial vehicle safety inspection. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
ADOT ECD CVO Administration Center	DPS Commercial Vehicle Enforcement	safety status information	Planned	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
ADOT ECD CVO Administration Center	DPS Roadside Safety Inspection	accident report	Planned	Report of commercial vehicle safety accident. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
ADOT ECD CVO Administration Center	DPS Roadside Safety Inspection	carrier participation report	Planned	Report that summarizes motor carrier participation in CVO programs. Used to identify the level of active participation and to report which enrolled carriers are not participating as expected.
ADOT ECD CVO Administration Center	DPS Roadside Safety Inspection	citation	Planned	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
ADOT ECD CVO Administration Center	DPS Roadside Safety Inspection	commercial vehicle permit information	Planned	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
ADOT ECD CVO Administration Center	DPS Roadside Safety Inspection	commercial vehicle violation notification	Planned	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.
ADOT ECD CVO Administration Center	DPS Roadside Safety Inspection	credentials information	Planned	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
ADOT ECD CVO Administration Center	DPS Roadside Safety Inspection	credentials status information	Planned	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD CVO Administration Center	DPS Roadside Safety Inspection	cv driver record	Planned	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
ADOT ECD CVO Administration Center	DPS Roadside Safety Inspection	daily site activity data	Planned	Record of daily activities at commercial vehicle check stations including summaries of screening events and inspections.
ADOT ECD CVO Administration Center	DPS Roadside Safety Inspection	safety inspection report	Planned	Report containing results of commercial vehicle safety inspection. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
ADOT ECD CVO Administration Center	DPS Roadside Safety Inspection	safety status information	Planned	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
ADOT ECD CVO Administration Center	DPS Roadside Safety Inspection	targeted list	Planned	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.
ADOT ECD CVO Administration Center	Fleet Management Systems	border clearance status	Planned	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.
ADOT ECD CVO Administration Center	Fleet Management Systems	citation	Planned	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
ADOT ECD CVO Administration Center	Fleet Management Systems	clearance notification	Planned	Notification that cargo has been cleared through customs.
ADOT ECD CVO Administration Center	Fleet Management Systems	commercial vehicle permit	Planned	Commercial vehicle permits including those for oversize, overweight, or hazmat shipments.
ADOT ECD CVO Administration Center	Fleet Management Systems	compliance review report	Planned	Report containing results of carrier compliance review, including concomitant out-of-service notifications, carrier warnings/notifications. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
ADOT ECD CVO Administration Center	Fleet Management Systems	credentials information	Planned	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD CVO Administration Center	Fleet Management Systems	credentials status information	Planned	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
ADOT ECD CVO Administration Center	Fleet Management Systems	cv driver record	Planned	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
ADOT ECD CVO Administration Center	Fleet Management Systems	expedited clearance information	Planned	Includes carrier ID, importer ID, broker ID, conveyance ID, driver ID, service options, and associated information that is used to support expedited border clearance.
ADOT ECD CVO Administration Center	Fleet Management Systems	expedited clearance status	Planned	Status of expedited clearance registration.
ADOT ECD CVO Administration Center	Fleet Management Systems	manifest receipt confirmation	Planned	Confirmation that a shippers manifest has been received.
ADOT ECD CVO Administration Center	Fleet Management Systems	route restrictions	Planned	Information about routes, road segments, and areas that do not allow the transport of security sensitive hazmat cargoes or include other restrictions (such as height or weight limits).
ADOT ECD CVO Administration Center	Fleet Management Systems	safety status information	Planned	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
ADOT ECD CVO Administration Center	Fleet Management Systems	trigger area	Planned	A geographic area a commercial motor vehicle crosses into, which initiates a request to compile and transmit a safety data message. May be associated with a time period.
ADOT ECD CVO Administration Center	Fleet Management Systems	trigger area notification	Planned	Notification to activate wireless roadside inspection safety data message collection.
ADOT ECD CVO Administration Center	International Fuel Tax Agreement (IFTA) Clearinghouse	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD CVO Administration Center	International Fuel Tax Agreement (IFTA) Clearinghouse	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
ADOT ECD CVO Administration Center	International Fuel Tax Agreement (IFTA) Clearinghouse	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
ADOT ECD CVO Administration Center	International Registration Plan (IRP) Clearinghouse	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
ADOT ECD CVO Administration Center	International Registration Plan (IRP) Clearinghouse	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
ADOT ECD CVO Administration Center	International Registration Plan (IRP) Clearinghouse	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
ADOT ECD CVO Administration Center	POE Data Archive	border information archive data	Planned	Border inspection activities data. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADOT ECD CVO Administration Center	POE Data Archive	commercial vehicle archive data	Planned	Information describing commercial vehicle travel and commodity flow characteristics. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD CVO Administration Center	POE Roadway Inspection Systems	consolidated agency response	Planned	Electronic manifest data as well as commercial vehicle screening results.
ADOT ECD CVO Administration Center	POE Roadway Inspection Systems	manifest data	Planned	Identifies Port of Entry, date, and information on carrier and goods, origin, etc.
ADOT ECD CVO Administration Center	POE Roadway Inspection Systems	traveler personal information	Planned	This flow includes biometric and other data to allow recognition of travelers.
ADOT ECD CVO Administration Center	Safety Fitness Electronic Record (SAFER)	citation	Existing	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
ADOT ECD CVO Administration Center	Safety Fitness Electronic Record (SAFER)	commercial vehicle violation notification	Existing	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.
ADOT ECD CVO Administration Center	Safety Fitness Electronic Record (SAFER)	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
ADOT ECD CVO Administration Center	Safety Fitness Electronic Record (SAFER)	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
ADOT ECD CVO Administration Center	Safety Fitness Electronic Record (SAFER)	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD Dispatch	ADOT 511 Website	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT ECD Dispatch	ADOT 511 Website	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
ADOT ECD Dispatch	ADOT 511 Website	incident information for public	Existing	Report of current desensitized incident information prepared for public dissemination.
ADOT ECD Dispatch	ADOT 511 Website	transportation system status	Existing	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT ECD Dispatch	ADOT Crash Reporting Information System (CRIS)	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT ECD Dispatch	ADOT DEOC-Dept EM Ops Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT ECD Dispatch	ADOT DEOC-Dept EM Ops Center	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT ECD Dispatch	ADOT DEOC-Dept EM Ops Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT ECD Dispatch	ADOT DEOC-Dept EM Ops Center	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
ADOT ECD Dispatch	ADOT DEOC-Dept EM Ops Center	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD Dispatch	ADOT DEOC-Dept EM Ops Center	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
ADOT ECD Dispatch	ADOT DEOC-Dept EM Ops Center	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT ECD Dispatch	ADOT DEOC-Dept EM Ops Center	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT ECD Dispatch	ADOT DEOC-Dept EM Ops Center	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT ECD Dispatch	ADOT DEOC-Dept EM Ops Center	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT ECD Dispatch	ADOT DEOC-Dept EM Ops Center	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT ECD Dispatch	ADOT DEOC-Dept EM Ops Center	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT ECD Dispatch	ADOT DEOC-Dept EM Ops Center	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
ADOT ECD Dispatch	ADOT DEOC-Dept EM Ops Center	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
ADOT ECD Dispatch	ADOT DEOC-Dept EM Ops Center	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD Dispatch	ADOT DEOC-Dept EM Ops Center	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT ECD Dispatch	ADOT ECD CVO Administration Center	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT ECD Dispatch	ADOT ECD Operational Communications	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT ECD Dispatch	ADOT ECD Operational Communications	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT ECD Dispatch	ADOT ECD Vehicles	decision support information	Existing	Information provided to support effective and safe incident response, including local traffic, road, and weather conditions, hazardous material information, and the current status of resources (including vehicles, other equipment, supplies) that have been allocated to an incident.
ADOT ECD Dispatch	ADOT ECD Vehicles	suggested route	Existing	Suggested route for a dispatched emergency or maintenance vehicle that may reflect current network conditions and the additional routing options available to en route emergency or maintenance vehicles that are not available to the general public.
ADOT ECD Dispatch	ADOT HazMat Response Data Archive	emergency archive data	Existing	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADOT ECD Dispatch	ADOT HazMat Response Team	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT ECD Dispatch	ADOT HazMat Response Team	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD Dispatch	ADOT Incident Response Unit (IRU)	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT ECD Dispatch	ADOT Incident Response Unit (IRU)	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT ECD Dispatch	ADOT Incident Response Unit (IRU)	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT ECD Dispatch	ADOT Incident Response Unit (IRU)	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT ECD Dispatch	ADOT Incident Response Unit (IRU)	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT ECD Dispatch	ADOT Incident Response Unit (IRU)	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT ECD Dispatch	ADOT Incident Response Unit (IRU)	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT ECD Dispatch	ADOT Incident Response Unit (IRU)	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT ECD Dispatch	ADOT Incident Response Unit (IRU)	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD Dispatch	ADOT Motor Vehicle Division (MVD) Database	emergency archive data	Existing	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADOT ECD Dispatch	ADOT TOC and EMC	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT ECD Dispatch	ADOT TOC and EMC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT ECD Dispatch	ADOT TOC and EMC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT ECD Dispatch	ADOT TOC and EMC	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
ADOT ECD Dispatch	ADOT TOC and EMC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT ECD Dispatch	ADOT TOC and EMC	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
ADOT ECD Dispatch	ADOT TOC and EMC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD Dispatch	ADOT TOC and EMC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT ECD Dispatch	ADOT TOC and EMC	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT ECD Dispatch	ADOT TOC and EMC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT ECD Dispatch	ADOT TOC and EMC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT ECD Dispatch	ADOT TOC and EMC	remote surveillance control	Existing	The control commands used to remotely operate another center's sensors or surveillance equipment so that roadside surveillance assets can be shared by more than one agency.
ADOT ECD Dispatch	ADOT TOC and EMC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT ECD Dispatch	ADOT TOC and EMC	resource deployment status	Existing	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT ECD Dispatch	ADOT TOC and EMC	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
ADOT ECD Dispatch	ADOT TOC and EMC	threat information	Planned	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
ADOT ECD Dispatch	ADOT TOC and EMC	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD Dispatch	ADOT TOC and EMC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT ECD Dispatch	ADOT TOC Traffic Information Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT ECD Dispatch	ADOT TOC Traffic Information Center	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
ADOT ECD Dispatch	ADOT TOC Traffic Information Center	incident information for public	Existing	Report of current desensitized incident information prepared for public dissemination.
ADOT ECD Dispatch	ADOT TOC Traffic Information Center	transportation system status	Existing	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT ECD Dispatch	Arizona Administrative Office of the Courts	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT ECD Dispatch	Arizona Criminal Justice Information System	credentials information	Planned	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
ADOT ECD Dispatch	Arizona Criminal Justice Information System	credentials status information	Planned	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
ADOT ECD Dispatch	Commercial Vehicle Driver and Vehicle Verification Systems	emergency archive data	Existing	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD Dispatch	County Sheriff Dispatch	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT ECD Dispatch	County Sheriff Dispatch	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT ECD Dispatch	County Sheriff Dispatch	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT ECD Dispatch	County Sheriff Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT ECD Dispatch	County Sheriff Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT ECD Dispatch	County Sheriff Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT ECD Dispatch	County Sheriff Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT ECD Dispatch	County Sheriff Dispatch	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT ECD Dispatch	County Sheriff Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT ECD Dispatch	DEMA CRT - HazMat Response Team	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD Dispatch	DEMA Enforcement	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT ECD Dispatch	DEMA Enforcement	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT ECD Dispatch	DEMA Enforcement	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT ECD Dispatch	DEMA Enforcement	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT ECD Dispatch	DEMA Enforcement	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT ECD Dispatch	DEMA Enforcement	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT ECD Dispatch	DEMA Enforcement	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT ECD Dispatch	DEMA Enforcement	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT ECD Dispatch	DEMA Enforcement	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT ECD Dispatch	DEMA SEOC Arizona DEM Military Affairs	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD Dispatch	DEMA SEOC Arizona DEM Military Affairs	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT ECD Dispatch	DEMA SEOC Arizona DEM Military Affairs	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT ECD Dispatch	DEMA SEOC Arizona DEM Military Affairs	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT ECD Dispatch	DEMA SEOC Arizona DEM Military Affairs	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT ECD Dispatch	DEMA SEOC Arizona DEM Military Affairs	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT ECD Dispatch	DEMA SEOC Arizona DEM Military Affairs	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT ECD Dispatch	DEMA SEOC Arizona DEM Military Affairs	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT ECD Dispatch	DEMA SEOC Arizona DEM Military Affairs	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT ECD Dispatch	DEMA WebEOC System	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT ECD Dispatch	DEMA WebEOC System	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD Dispatch	DEMA WebEOC System	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT ECD Dispatch	DEMA WebEOC System	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT ECD Dispatch	DEMA WebEOC System	incident information for public	Existing	Report of current desensitized incident information prepared for public dissemination.
ADOT ECD Dispatch	DEMA WebEOC System	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT ECD Dispatch	DEMA WebEOC System	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT ECD Dispatch	DEMA WebEOC System	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT ECD Dispatch	DEMA WebEOC System	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT ECD Dispatch	DEMA WebEOC System	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT ECD Dispatch	DPS Central Communications Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT ECD Dispatch	DPS Central Communications Center	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD Dispatch	DPS Central Communications Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT ECD Dispatch	DPS Central Communications Center	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
ADOT ECD Dispatch	DPS Central Communications Center	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT ECD Dispatch	DPS Central Communications Center	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
ADOT ECD Dispatch	DPS Central Communications Center	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT ECD Dispatch	DPS Central Communications Center	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT ECD Dispatch	DPS Central Communications Center	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT ECD Dispatch	DPS Central Communications Center	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT ECD Dispatch	DPS Central Communications Center	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD Dispatch	DPS Central Communications Center	remote surveillance control	Existing	The control commands used to remotely operate another center's sensors or surveillance equipment so that roadside surveillance assets can be shared by more than one agency.
ADOT ECD Dispatch	DPS Central Communications Center	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT ECD Dispatch	DPS Central Communications Center	resource deployment status	Existing	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT ECD Dispatch	DPS Central Communications Center	resource request	Existing	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
ADOT ECD Dispatch	DPS Central Communications Center	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
ADOT ECD Dispatch	DPS Central Communications Center	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT ECD Dispatch	DPS Central Communications Center	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT ECD Dispatch	DPS Console Interface (Other LE)	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT ECD Dispatch	DPS Console Interface (Other LE)	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT ECD Dispatch	DPS Console Interface (Other LE)	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT ECD Dispatch	DPS Console Interface (Other LE)	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD Dispatch	DPS Console Interface (Other LE)	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT ECD Dispatch	DPS Console Interface (Other LE)	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT ECD Dispatch	DPS Console Interface (Other LE)	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT ECD Dispatch	DPS Console Interface (Other LE)	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT ECD Dispatch	DPS Console Interface (Other LE)	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT ECD Dispatch	Fleet Management Systems	hazmat information request	Existing	Request for information about a particular hazmat load.
ADOT ECD Dispatch	Local Print and Broadcast Media	incident information for media	Existing	Report of current desensitized incident information prepared for public dissemination through the media.
ADOT ECD Dispatch	Maricopa County EOC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT ECD Dispatch	Maricopa County EOC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT ECD Dispatch	Maricopa County EOC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT ECD Dispatch	Maricopa County EOC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT ECD Dispatch	Maricopa County EOC	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD Dispatch	Maricopa County EOC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT ECD Dispatch	Maricopa County EOC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT ECD Dispatch	Maricopa County EOC	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT ECD Dispatch	Maricopa County EOC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT ECD Dispatch	Mexico Customs and Border Patrol	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT ECD Dispatch	Mexico Customs and Border Patrol	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT ECD Dispatch	Mexico Customs and Border Patrol	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT ECD Dispatch	Mexico Customs and Border Patrol	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT ECD Dispatch	Mexico Customs and Border Patrol	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT ECD Dispatch	Mexico Customs and Border Patrol	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD Dispatch	Mexico Customs and Border Patrol	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT ECD Dispatch	Mexico Customs and Border Patrol	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT ECD Dispatch	Mexico Customs and Border Patrol	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT ECD Dispatch	Mexico Public Safety	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT ECD Dispatch	Mexico Public Safety	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT ECD Dispatch	Mexico Public Safety	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT ECD Dispatch	Mexico Public Safety	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT ECD Dispatch	Mexico Public Safety	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT ECD Dispatch	Mexico Public Safety	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT ECD Dispatch	Mexico Public Safety	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT ECD Dispatch	Mexico Public Safety	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD Dispatch	Mexico Public Safety	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT ECD Dispatch	Mexico Regional TMC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT ECD Dispatch	Mexico Regional TMC	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
ADOT ECD Dispatch	Mexico Regional TMC	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
ADOT ECD Dispatch	Mexico Regional TMC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT ECD Dispatch	Mexico Regional TMC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT ECD Dispatch	Mexico Regional TMC	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
ADOT ECD Dispatch	Mexico Regional TMC	threat information	Planned	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc).

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD Dispatch	Mexico Regional TMC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT ECD Dispatch	Nevada State Police Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT ECD Dispatch	Nevada State Police Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT ECD Dispatch	Nevada State Police Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT ECD Dispatch	Nevada State Police Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT ECD Dispatch	Nevada State Police Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT ECD Dispatch	Nevada State Police Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT ECD Dispatch	Nevada State Police Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT ECD Dispatch	Nevada State Police Dispatch	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT ECD Dispatch	Nevada State Police Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD Dispatch	POE Data Archive	emergency archive data	Planned	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADOT ECD Dispatch	Public Private Traveler Information	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT ECD Dispatch	Public Private Traveler Information	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
ADOT ECD Dispatch	Public Private Traveler Information	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
ADOT ECD Dispatch	Public Private Traveler Information	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT ECD Dispatch	Social Media and Networking	alert notification for social media	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public via social media. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This version of the flow contains only publicly available information and is structured and formatted for publication on specific social media platforms and other public-facing sites.
ADOT ECD Dispatch	Tribal Public Safety Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT ECD Dispatch	Tribal Public Safety Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT ECD Dispatch	Tribal Public Safety Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.

Information Flows – Tabular Format (sorted by Source Element)

RAD-IT Table

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD Dispatch	Tribal Public Safety Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT ECD Dispatch	Tribal Public Safety Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT ECD Dispatch	Tribal Public Safety Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT ECD Dispatch	Tribal Public Safety Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT ECD Dispatch	Tribal Public Safety Dispatch	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT ECD Dispatch	Tribal Public Safety Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT ECD Dispatch	US Border Patrol Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT ECD Dispatch	US Border Patrol Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT ECD Dispatch	US Border Patrol Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT ECD Dispatch	US Border Patrol Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD Dispatch	US Border Patrol Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT ECD Dispatch	US Border Patrol Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT ECD Dispatch	US Border Patrol Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT ECD Dispatch	Utah State Police Dispatch	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT ECD Dispatch	Utah State Police Dispatch	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT ECD Dispatch	Utah State Police Dispatch	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT ECD Dispatch	Utah State Police Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT ECD Dispatch	Utah State Police Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT ECD Dispatch	Utah State Police Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD Dispatch	Utah State Police Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT ECD Dispatch	Utah State Police Dispatch	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT ECD Dispatch	Utah State Police Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT ECD Dispatch	Wide Area Alerting Systems	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT ECD Dispatch	Wide Area Alerting Systems	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
ADOT ECD Dispatch	Wide Area Alerting Systems	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
ADOT ECD Dispatch	Wide Area Alerting Systems	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT ECD Operational Communications	ADOT ECD Dispatch	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT ECD Operational Communications	ADOT ECD Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT ECD Operational Communications	ADOT HazMat Response Team	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD Operational Communications	ADOT HazMat Response Team	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT ECD Operational Communications	ADOT TOC and EMC	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT ECD Operational Communications	ADOT TOC and EMC	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT ECD Operational Communications	ADOT TOC and EMC	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT ECD Operational Communications	ADOT TOC and EMC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT ECD Operational Communications	ADOT TOC and EMC	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT ECD Operational Communications	ADOT TOC and EMC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT ECD Operational Communications	ADOT TOC and EMC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT ECD Operational Communications	Arizona State Office of Highway Safety	emergency archive data	Planned	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADOT ECD Operational Communications	Cities and Towns Police and Fire Dispatch	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD Operational Communications	Cities and Towns Police and Fire Dispatch	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT ECD Operational Communications	Cities and Towns Police and Fire Dispatch	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT ECD Operational Communications	Cities and Towns Police and Fire Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT ECD Operational Communications	Cities and Towns Police and Fire Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT ECD Operational Communications	Cities and Towns Police and Fire Dispatch	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT ECD Operational Communications	Cities and Towns Police and Fire Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT ECD Operational Communications	Cities and Towns Police and Fire Dispatch	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT ECD Operational Communications	Cities and Towns Police and Fire Dispatch	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT ECD Operational Communications	Cities and Towns Police and Fire Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT ECD Operational Communications	DPS Central Communications Center	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT ECD Operational Communications	DPS Central Communications Center	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD Operational Communications	DPS Central Communications Center	emergency traffic control request	Planned	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
ADOT ECD Operational Communications	DPS Central Communications Center	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT ECD Operational Communications	DPS Central Communications Center	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT ECD Operational Communications	DPS Central Communications Center	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT ECD Operational Communications	DPS Central Communications Center	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT ECD Operational Communications	DPS Central Communications Center	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT ECD Operational Communications	DPS Central Communications Center	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT ECD Operational Communications	DPS Central Communications Center	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT ECD Operational Communications	DPS Central Communications Center	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT ECD Operational Communications	Maricopa County EOC	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD Operational Communications	Maricopa County EOC	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT ECD Operational Communications	Maricopa County EOC	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT ECD Operational Communications	Maricopa County EOC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT ECD Operational Communications	Maricopa County EOC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT ECD Operational Communications	Maricopa County EOC	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT ECD Operational Communications	Maricopa County EOC	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT ECD Operational Communications	Maricopa County EOC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT ECD Operational Communications	Mexico Customs and Border Patrol	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT ECD Operational Communications	Mexico Customs and Border Patrol	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT ECD Operational Communications	Mexico Customs and Border Patrol	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD Operational Communications	Mexico Customs and Border Patrol	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT ECD Operational Communications	Mexico Customs and Border Patrol	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT ECD Operational Communications	Mexico Customs and Border Patrol	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT ECD Operational Communications	Mexico Customs and Border Patrol	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT ECD Operational Communications	Mexico Customs and Border Patrol	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT ECD Operational Communications	Mexico Customs and Border Patrol	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT ECD Operational Communications	Mexico Customs and Border Patrol	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT ECD Operational Communications	Mexico Public Safety	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT ECD Operational Communications	Mexico Public Safety	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT ECD Operational Communications	Mexico Public Safety	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD Operational Communications	Mexico Public Safety	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT ECD Operational Communications	Mexico Public Safety	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT ECD Operational Communications	Mexico Public Safety	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT ECD Operational Communications	Mexico Public Safety	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT ECD Operational Communications	Mexico Public Safety	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT ECD Operational Communications	Mexico Public Safety	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT ECD Operational Communications	Mexico Regional TMC	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT ECD Operational Communications	Mexico Regional TMC	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
ADOT ECD Operational Communications	Mexico Regional TMC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD Operational Communications	Mexico Regional TMC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT ECD Operational Communications	Tribal Public Safety Dispatch	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT ECD Operational Communications	Tribal Public Safety Dispatch	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT ECD Operational Communications	Tribal Public Safety Dispatch	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT ECD Operational Communications	Tribal Public Safety Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT ECD Operational Communications	Tribal Public Safety Dispatch	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT ECD Operational Communications	Tribal Public Safety Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT ECD Operational Communications	Tribal Public Safety Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT ECD Operational Communications	Tribal Public Safety Dispatch	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT ECD Operational Communications	Tribal Public Safety Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD Operational Communications	US Border Patrol Dispatch	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT ECD Operational Communications	US Border Patrol Dispatch	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT ECD Operational Communications	US Border Patrol Dispatch	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT ECD Operational Communications	US Border Patrol Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT ECD Operational Communications	US Border Patrol Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT ECD Operational Communications	US Border Patrol Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT ECD Operational Communications	US Border Patrol Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT ECD Operational Communications	Utah State Police Dispatch	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT ECD Operational Communications	Utah State Police Dispatch	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT ECD Operational Communications	Utah State Police Dispatch	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ECD Operational Communications	Utah State Police Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT ECD Operational Communications	Utah State Police Dispatch	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT ECD Operational Communications	Utah State Police Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT ECD Operational Communications	Utah State Police Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT ECD Operational Communications	Utah State Police Dispatch	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT ECD Operational Communications	Utah State Police Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT ECD Vehicles	ADOT ECD Dispatch	emergency vehicle tracking data	Planned	The current location and operating status of the emergency vehicle.
ADOT ECD Vehicles	ADOT ECD Dispatch	incident scene status	Existing	Information gathered at the incident site that more completely characterizes the incident and provides current incident response status.
ADOT Electronic Bypass Stations	ADOT ECD CVO Administration Center	citation	Existing	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
ADOT Electronic Bypass Stations	ADOT ECD CVO Administration Center	commercial vehicle incident notification	Planned	Information about a Commercial Vehicle or Freight Equipment breach, non-permitted security sensitive hazmat detected at the roadside, route deviation, or Commercial Vehicle Driver / Commercial Vehicle / Freight Equipment assignment mismatches which includes the location of the Commercial Vehicle and appropriate identities. May carry information that enables incident reporting to responders, and also includes the type of vehicle and cargo concerned.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Electronic Bypass Stations	ADOT ECD CVO Administration Center	commercial vehicle violation notification	Existing	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.
ADOT Electronic Bypass Stations	ADOT ECD CVO Administration Center	daily site activity data	Existing	Record of daily activities at commercial vehicle check stations including summaries of screening events and inspections.
ADOT Electronic Bypass Stations	ADOT ECD CVO Administration Center	weigh-in-motion information	Existing	Information from commercial vehicle virtual weigh-in-motion systems including vehicle weight, vehicle dimensions, vehicle identification and driver identification.
ADOT Electronic Bypass Stations	ADOT ECD Dispatch	commercial vehicle incident notification	Planned	Information about a Commercial Vehicle or Freight Equipment breach, non-permitted security sensitive hazmat detected at the roadside, route deviation, or Commercial Vehicle Driver / Commercial Vehicle / Freight Equipment assignment mismatches which includes the location of the Commercial Vehicle and appropriate identities. May carry information that enables incident reporting to responders, and also includes the type of vehicle and cargo concerned.
ADOT Electronic Bypass Stations	ADOT HazMat Response Team	commercial vehicle incident notification	Planned	Information about a Commercial Vehicle or Freight Equipment breach, non-permitted security sensitive hazmat detected at the roadside, route deviation, or Commercial Vehicle Driver / Commercial Vehicle / Freight Equipment assignment mismatches which includes the location of the Commercial Vehicle and appropriate identities. May carry information that enables incident reporting to responders, and also includes the type of vehicle and cargo concerned.
ADOT Electronic Bypass Stations	ADOT MVD Commercial Vehicle Administration	citation	Planned	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
ADOT Electronic Bypass Stations	ADOT MVD Commercial Vehicle Administration	commercial vehicle violation notification	Planned	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.
ADOT Electronic Bypass Stations	ADOT MVD Commercial Vehicle Administration	daily site activity data	Planned	Record of daily activities at commercial vehicle check stations including summaries of screening events and inspections.
ADOT Electronic Bypass Stations	ADOT MVD Commercial Vehicle Administration	driver log	Planned	A daily log showing hours in service for the current driver. The query flow is not explicitly shown.
ADOT Electronic Bypass Stations	ADOT MVD Commercial Vehicle Administration	on-board safety data	Planned	Safety data measured by on-board sensors. Includes information about the vehicle, vehicle components, cargo, and driver. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Electronic Bypass Stations	ADOT MVD Commercial Vehicle Administration	weigh-in-motion information	Existing	Information from commercial vehicle virtual weigh-in-motion systems including vehicle weight, vehicle dimensions, vehicle identification and driver identification.
ADOT Electronic Bypass Stations	Commercial Vehicle Driver and Vehicle Verification Systems	citation	Existing	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
ADOT Electronic Bypass Stations	Commercial Vehicle Driver and Vehicle Verification Systems	commercial vehicle violation notification	Existing	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.
ADOT Electronic Bypass Stations	Commercial Vehicle Driver and Vehicle Verification Systems	daily site activity data	Existing	Record of daily activities at commercial vehicle check stations including summaries of screening events and inspections.
ADOT Electronic Bypass Stations	Commercial Vehicle Driver and Vehicle Verification Systems	driver log	Planned	A daily log showing hours in service for the current driver. The query flow is not explicitly shown.
ADOT Electronic Bypass Stations	Commercial Vehicle Driver and Vehicle Verification Systems	on-board safety data	Planned	Safety data measured by on-board sensors. Includes information about the vehicle, vehicle components, cargo, and driver. The query flow is not explicitly shown.
ADOT Electronic Bypass Stations	Commercial Vehicle Driver and Vehicle Verification Systems	weigh-in-motion information	Existing	Information from commercial vehicle virtual weigh-in-motion systems including vehicle weight, vehicle dimensions, vehicle identification and driver identification.
ADOT Electronic Bypass Stations	Commercial Vehicles	request tag data	Planned	Request for tag information including tag id and associated data.
ADOT Electronic Bypass Stations	DPS Commercial Vehicle Enforcement	citation	Existing	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
ADOT Electronic Bypass Stations	DPS Commercial Vehicle Enforcement	commercial vehicle violation notification	Existing	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Electronic Bypass Stations	DPS Commercial Vehicle Enforcement	daily site activity data	Existing	Record of daily activities at commercial vehicle check stations including summaries of screening events and inspections.
ADOT Electronic Bypass Stations	DPS Commercial Vehicle Enforcement	driver log	Planned	A daily log showing hours in service for the current driver. The query flow is not explicitly shown.
ADOT Electronic Bypass Stations	DPS Commercial Vehicle Enforcement	on-board safety data	Planned	Safety data measured by on-board sensors. Includes information about the vehicle, vehicle components, cargo, and driver. The query flow is not explicitly shown.
ADOT Electronic Bypass Stations	DPS Commercial Vehicle Enforcement	weigh-in-motion information	Existing	Information from commercial vehicle virtual weigh-in-motion systems including vehicle weight, vehicle dimensions, vehicle identification and driver identification.
ADOT Electronic Bypass Stations	DPS Roadside Safety Inspection	commercial vehicle violation notification	Existing	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.
ADOT Electronic Bypass Stations	International Fuel Tax Agreement (IFTA) Clearinghouse	citation	Existing	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
ADOT Electronic Bypass Stations	International Fuel Tax Agreement (IFTA) Clearinghouse	commercial vehicle violation notification	Existing	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.
ADOT Electronic Bypass Stations	International Fuel Tax Agreement (IFTA) Clearinghouse	daily site activity data	Existing	Record of daily activities at commercial vehicle check stations including summaries of screening events and inspections.
ADOT Electronic Bypass Stations	International Fuel Tax Agreement (IFTA) Clearinghouse	driver log	Planned	A daily log showing hours in service for the current driver. The query flow is not explicitly shown.
ADOT Electronic Bypass Stations	International Fuel Tax Agreement (IFTA) Clearinghouse	on-board safety data	Planned	Safety data measured by on-board sensors. Includes information about the vehicle, vehicle components, cargo, and driver. The query flow is not explicitly shown.
ADOT Electronic Bypass Stations	International Fuel Tax Agreement (IFTA) Clearinghouse	weigh-in-motion information	Existing	Information from commercial vehicle virtual weigh-in-motion systems including vehicle weight, vehicle dimensions, vehicle identification and driver identification.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Electronic Bypass Stations	International Registration Plan (IRP) Clearinghouse	citation	Existing	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
ADOT Electronic Bypass Stations	International Registration Plan (IRP) Clearinghouse	commercial vehicle violation notification	Existing	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.
ADOT Electronic Bypass Stations	International Registration Plan (IRP) Clearinghouse	daily site activity data	Existing	Record of daily activities at commercial vehicle check stations including summaries of screening events and inspections.
ADOT Electronic Bypass Stations	International Registration Plan (IRP) Clearinghouse	driver log	Planned	A daily log showing hours in service for the current driver. The query flow is not explicitly shown.
ADOT Electronic Bypass Stations	International Registration Plan (IRP) Clearinghouse	on-board safety data	Planned	Safety data measured by on-board sensors. Includes information about the vehicle, vehicle components, cargo, and driver. The query flow is not explicitly shown.
ADOT Electronic Bypass Stations	International Registration Plan (IRP) Clearinghouse	weigh-in-motion information	Existing	Information from commercial vehicle virtual weigh-in-motion systems including vehicle weight, vehicle dimensions, vehicle identification and driver identification.
ADOT Electronic Bypass Stations	Safety Fitness Electronic Record (SAFER)	citation	Planned	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
ADOT Electronic Bypass Stations	Safety Fitness Electronic Record (SAFER)	commercial vehicle violation notification	Planned	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.
ADOT Electronic Bypass Stations	Safety Fitness Electronic Record (SAFER)	daily site activity data	Planned	Record of daily activities at commercial vehicle check stations including summaries of screening events and inspections.
ADOT Electronic Bypass Stations	Safety Fitness Electronic Record (SAFER)	driver log	Planned	A daily log showing hours in service for the current driver. The query flow is not explicitly shown.
ADOT Electronic Bypass Stations	Safety Fitness Electronic Record (SAFER)	on-board safety data	Planned	Safety data measured by on-board sensors. Includes information about the vehicle, vehicle components, cargo, and driver. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Electronic Bypass Stations	Safety Fitness Electronic Record (SAFER)	weigh-in-motion information	Existing	Information from commercial vehicle virtual weigh-in-motion systems including vehicle weight, vehicle dimensions, vehicle identification and driver identification.
ADOT Engineering Districts	ADOT 511 Website	current infrastructure restrictions	Planned	Restrictions levied on transportation asset usage based on infrastructure design, surveys, tests, or analyses. This includes standard facility design height, width, and weight restrictions, special restrictions such as spring weight restrictions, and temporary facility restrictions that are imposed during maintenance and construction.
ADOT Engineering Districts	ADOT 511 Website	maint and constr work plans	Existing	Future construction and maintenance work schedules and activities including anticipated closures with anticipated impact to the roadway, alternate routes, anticipated delays, closure times, and durations.
ADOT Engineering Districts	ADOT 511 Website	roadway maintenance status	Existing	Summary of maintenance fleet operations affecting the road network. This includes the status of winter maintenance (snow plow schedule and current status).
ADOT Engineering Districts	ADOT 511 Website	work zone information	Existing	Summary of maintenance and construction work zone activities affecting the road network including the nature of the maintenance or construction activity, location, impact to the roadway, expected time(s) and duration of impact, anticipated delays, alternate routes, and suggested speed limits. This information may be augmented with images that provide a visual indication of current work zone status and traffic impacts.
ADOT Engineering Districts	ADOT Asset Management Systems	asset status update	Existing	Changes to status of pavement, bridges, signs and other assets resulting from maintenance or construction activities or infrastructure monitoring. The updates may include changes in installation information, materials information, vendor/contractor information, condition, and current maintenance status. In addition to infrastructure asset updates, the information provided may also include status of the maintenance and construction support assets, including vehicle and equipment utilization and repair records.
ADOT Engineering Districts	ADOT DEOC-Dept EM Ops Center	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT Engineering Districts	ADOT DEOC-Dept EM Ops Center	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT Engineering Districts	ADOT DEOC-Dept EM Ops Center	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Engineering Districts	ADOT DEOC-Dept EM Ops Center	maint and constr resource response	Planned	Current status of maintenance and construction resources including availability and deployment status. General resource inventory information covering vehicles, equipment, materials, and people and specific resource deployment status may be included.
ADOT Engineering Districts	ADOT DEOC-Dept EM Ops Center	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT Engineering Districts	ADOT DEOC-Dept EM Ops Center	road weather information	Planned	Road conditions and weather information that are made available by road maintenance operations to other transportation system operators.
ADOT Engineering Districts	ADOT DEOC-Dept EM Ops Center	roadway maintenance status	Planned	Summary of maintenance fleet operations affecting the road network. This includes the status of winter maintenance (snow plow schedule and current status).
ADOT Engineering Districts	ADOT HazMat Response Team	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT Engineering Districts	ADOT HazMat Response Team	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT Engineering Districts	ADOT HazMat Response Team	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT Engineering Districts	ADOT HazMat Response Team	maint and constr resource response	Planned	Current status of maintenance and construction resources including availability and deployment status. General resource inventory information covering vehicles, equipment, materials, and people and specific resource deployment status may be included.
ADOT Engineering Districts	ADOT HazMat Response Team	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT Engineering Districts	ADOT Maintenance and Construction Vehicles	environmental sensor control	Existing	Data used to configure and control environmental sensors.
ADOT Engineering Districts	ADOT Maintenance and Construction Vehicles	maint and constr dispatch information	Existing	Information used to dispatch maintenance and construction vehicles, equipment, and crews and information used to keep work zone crews informed. This information includes routing information, traffic information, road restrictions, incident information, environmental information, decision support information, maintenance schedule data, dispatch instructions, personnel assignments, alert notifications, and corrective actions.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Engineering Districts	ADOT Maintenance and Construction Vehicles	maint and constr vehicle system control	Existing	Configure and control data that supports remote control of on-board maintenance and construction vehicle systems and field equipment that is remotely controlled by the vehicle. For example, the data can be used to adjust material application rates and spread patterns.
ADOT Engineering Districts	ADOT Regional Traffic Operations	current infrastructure restrictions	Planned	Restrictions levied on transportation asset usage based on infrastructure design, surveys, tests, or analyses. This includes standard facility design height, width, and weight restrictions, special restrictions such as spring weight restrictions, and temporary facility restrictions that are imposed during maintenance and construction.
ADOT Engineering Districts	ADOT Regional Traffic Operations	equipment maintenance status	Planned	Current status of field equipment maintenance actions.
ADOT Engineering Districts	ADOT Regional Traffic Operations	maint and constr resource coordination	Planned	Request for road maintenance and construction resources that can be used in the diversion of traffic (cones, portable signs), clearance of a road hazard, repair of ancillary damage, or any other incident response.
ADOT Engineering Districts	ADOT Regional Traffic Operations	maint and constr resource response	Planned	Current status of maintenance and construction resources including availability and deployment status. General resource inventory information covering vehicles, equipment, materials, and people and specific resource deployment status may be included.
ADOT Engineering Districts	ADOT Regional Traffic Operations	maint and constr work plans	Planned	Future construction and maintenance work schedules and activities including anticipated closures with anticipated impact to the roadway, alternate routes, anticipated delays, closure times, and durations.
ADOT Engineering Districts	ADOT Regional Traffic Operations	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT Engineering Districts	ADOT Regional Traffic Operations	road weather information	Planned	Road conditions and weather information that are made available by road maintenance operations to other transportation system operators.
ADOT Engineering Districts	ADOT Regional Traffic Operations	work plan coordination	Planned	Coordination of work plan schedules and activities between maintenance and construction organizations or systems. This information includes the work plan schedules and comments and suggested changes that are exchanged as work plans are coordinated and finalized.
ADOT Engineering Districts	ADOT TOC and EMC	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT Engineering Districts	ADOT TOC and EMC	current infrastructure restrictions	Planned	Restrictions levied on transportation asset usage based on infrastructure design, surveys, tests, or analyses. This includes standard facility design height, width, and weight restrictions, special restrictions such as spring weight restrictions, and temporary facility restrictions that are imposed during maintenance and construction.
ADOT Engineering Districts	ADOT TOC and EMC	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Engineering Districts	ADOT TOC and EMC	environmental conditions data	Existing	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors and aggregated by the data collector. Attributes relating to the data collection (and aggregation) are also included.
ADOT Engineering Districts	ADOT TOC and EMC	equipment maintenance status	Existing	Current status of field equipment maintenance actions.
ADOT Engineering Districts	ADOT TOC and EMC	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT Engineering Districts	ADOT TOC and EMC	maint and constr resource response	Existing	Current status of maintenance and construction resources including availability and deployment status. General resource inventory information covering vehicles, equipment, materials, and people and specific resource deployment status may be included.
ADOT Engineering Districts	ADOT TOC and EMC	maint and constr work plans	Existing	Future construction and maintenance work schedules and activities including anticipated closures with anticipated impact to the roadway, alternate routes, anticipated delays, closure times, and durations.
ADOT Engineering Districts	ADOT TOC and EMC	road network status assessment	Existing	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT Engineering Districts	ADOT TOC and EMC	road weather information	Planned	Road conditions and weather information that are made available by road maintenance operations to other transportation system operators.
ADOT Engineering Districts	ADOT TOC and EMC	roadway maintenance status	Existing	Summary of maintenance fleet operations affecting the road network. This includes the status of winter maintenance (snow plow schedule and current status).
ADOT Engineering Districts	ADOT TOC and EMC	special vehicle restricted use information	Planned	Parameters necessary for implementing unrestricted access to controlled access or toll facilities by special vehicles; e.g., maintenance vehicles, emergency vehicles, etc.
ADOT Engineering Districts	ADOT TOC and EMC	work zone information	Existing	Summary of maintenance and construction work zone activities affecting the road network including the nature of the maintenance or construction activity, location, impact to the roadway, expected time(s) and duration of impact, anticipated delays, alternate routes, and suggested speed limits. This information may be augmented with images that provide a visual indication of current work zone status and traffic impacts.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Engineering Districts	ADOT TOC Traffic Information Center	current infrastructure restrictions	Planned	Restrictions levied on transportation asset usage based on infrastructure design, surveys, tests, or analyses. This includes standard facility design height, width, and weight restrictions, special restrictions such as spring weight restrictions, and temporary facility restrictions that are imposed during maintenance and construction.
ADOT Engineering Districts	ADOT TOC Traffic Information Center	maint and constr work plans	Planned	Future construction and maintenance work schedules and activities including anticipated closures with anticipated impact to the roadway, alternate routes, anticipated delays, closure times, and durations.
ADOT Engineering Districts	ADOT TOC Traffic Information Center	roadway maintenance status	Planned	Summary of maintenance fleet operations affecting the road network. This includes the status of winter maintenance (snow plow schedule and current status).
ADOT Engineering Districts	ADOT TOC Traffic Information Center	work zone information	Planned	Summary of maintenance and construction work zone activities affecting the road network including the nature of the maintenance or construction activity, location, impact to the roadway, expected time(s) and duration of impact, anticipated delays, alternate routes, and suggested speed limits. This information may be augmented with images that provide a visual indication of current work zone status and traffic impacts.
ADOT Engineering Districts	DPS Wireless Systems Bureau	maint and constr resource coordination	Planned	Request for road maintenance and construction resources that can be used in the diversion of traffic (cones, portable signs), clearance of a road hazard, repair of ancillary damage, or any other incident response.
ADOT Engineering Districts	DPS Wireless Systems Bureau	roadway maintenance status	Planned	Summary of maintenance fleet operations affecting the road network. This includes the status of winter maintenance (snow plow schedule and current status).
ADOT Engineering Districts	Map Update System	current infrastructure restrictions	Planned	Restrictions levied on transportation asset usage based on infrastructure design, surveys, tests, or analyses. This includes standard facility design height, width, and weight restrictions, special restrictions such as spring weight restrictions, and temporary facility restrictions that are imposed during maintenance and construction.
ADOT HazMat Response Data Archive	ADOT DEOC-Dept EM Ops Center	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
ADOT HazMat Response Data Archive	ADOT ECD Dispatch	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
ADOT HazMat Response Data Archive	ADOT HazMat Response Team	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
ADOT HazMat Response Data Archive	ADOT TOC and EMC	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT HazMat Response Data Archive	ADOT TOC Data Archive	archive coordination	Existing	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
ADOT HazMat Response Data Archive	Archive Data Users	archived data products	Existing	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
ADOT HazMat Response Data Archive	DPS Central Communications Center	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
ADOT HazMat Response Team	ADOT Communications PIO	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT HazMat Response Team	ADOT Communications PIO	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT HazMat Response Team	ADOT Communications PIO	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT HazMat Response Team	ADOT Communications PIO	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT HazMat Response Team	ADOT Communications PIO	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT HazMat Response Team	ADOT DEOC-Dept EM Ops Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT HazMat Response Team	ADOT DEOC-Dept EM Ops Center	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT HazMat Response Team	ADOT DEOC-Dept EM Ops Center	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT HazMat Response Team	ADOT DEOC-Dept EM Ops Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT HazMat Response Team	ADOT DEOC-Dept EM Ops Center	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
ADOT HazMat Response Team	ADOT DEOC-Dept EM Ops Center	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
ADOT HazMat Response Team	ADOT DEOC-Dept EM Ops Center	emergency traffic coordination	Existing	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
ADOT HazMat Response Team	ADOT DEOC-Dept EM Ops Center	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT HazMat Response Team	ADOT DEOC-Dept EM Ops Center	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
ADOT HazMat Response Team	ADOT DEOC-Dept EM Ops Center	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT HazMat Response Team	ADOT DEOC-Dept EM Ops Center	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT HazMat Response Team	ADOT DEOC-Dept EM Ops Center	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT HazMat Response Team	ADOT DEOC-Dept EM Ops Center	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT HazMat Response Team	ADOT DEOC-Dept EM Ops Center	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT HazMat Response Team	ADOT DEOC-Dept EM Ops Center	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT HazMat Response Team	ADOT DEOC-Dept EM Ops Center	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT HazMat Response Team	ADOT DEOC-Dept EM Ops Center	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
ADOT HazMat Response Team	ADOT DEOC-Dept EM Ops Center	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT HazMat Response Team	ADOT DEOC-Dept EM Ops Center	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT HazMat Response Team	ADOT DEOC-Dept EM Ops Center	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc).
ADOT HazMat Response Team	ADOT DEOC-Dept EM Ops Center	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT HazMat Response Team	ADOT DEOC-Dept EM Ops Center	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Information Flows – Tabular Format (sorted by Source Element)

RAD-IT Table

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT HazMat Response Team	ADOT ECD Operational Communications	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT HazMat Response Team	ADOT ECD Operational Communications	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT HazMat Response Team	ADOT Engineering Districts	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT HazMat Response Team	ADOT Engineering Districts	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT HazMat Response Team	ADOT Engineering Districts	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
ADOT HazMat Response Team	ADOT Engineering Districts	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT HazMat Response Team	ADOT Engineering Districts	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT HazMat Response Team	ADOT Engineering Districts	maint and constr resource request	Planned	Request for road maintenance and construction resources that can be used in the diversion of traffic (cones, portable signs), clearance of a road hazard, repair of ancillary damage, or any other incident response. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of resources.
ADOT HazMat Response Team	ADOT Engineering Districts	threat information	Planned	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT HazMat Response Team	ADOT Engineering Districts	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT HazMat Response Team	ADOT HazMat Response Data Archive	emergency archive data	Planned	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADOT HazMat Response Team	ADOT HazMat Response Data Archive	traffic archive data	Planned	Information describing the use and vehicle composition on transportation facilities and the traffic control strategies employed. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADOT HazMat Response Team	ADOT Incident Response Unit (IRU)	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT HazMat Response Team	ADOT Incident Response Unit (IRU)	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT HazMat Response Team	ADOT Incident Response Unit (IRU)	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT HazMat Response Team	ADOT Incident Response Unit (IRU)	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT HazMat Response Team	ADOT Incident Response Unit (IRU)	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT HazMat Response Team	ADOT Incident Response Unit (IRU)	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT HazMat Response Team	ADOT Incident Response Unit (IRU)	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT HazMat Response Team	ADOT Incident Response Unit (IRU)	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT HazMat Response Team	ADOT Incident Response Unit (IRU)	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT HazMat Response Team	ADOT Incident Response Unit (IRU)	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT HazMat Response Team	ADOT Incident Response Unit (IRU)	resource deployment status	Existing	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT HazMat Response Team	ADOT Incident Response Unit (IRU)	resource request	Existing	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
ADOT HazMat Response Team	ADOT TOC and EMC	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT HazMat Response Team	ADOT TOC and EMC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT HazMat Response Team	ADOT TOC and EMC	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT HazMat Response Team	ADOT TOC and EMC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT HazMat Response Team	ADOT TOC and EMC	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
ADOT HazMat Response Team	ADOT TOC and EMC	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
ADOT HazMat Response Team	ADOT TOC and EMC	emergency traffic coordination	Existing	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
ADOT HazMat Response Team	ADOT TOC and EMC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT HazMat Response Team	ADOT TOC and EMC	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
ADOT HazMat Response Team	ADOT TOC and EMC	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT HazMat Response Team	ADOT TOC and EMC	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT HazMat Response Team	ADOT TOC and EMC	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT HazMat Response Team	ADOT TOC and EMC	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT HazMat Response Team	ADOT TOC and EMC	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT HazMat Response Team	ADOT TOC and EMC	remote surveillance control	Existing	The control commands used to remotely operate another center's sensors or surveillance equipment so that roadside surveillance assets can be shared by more than one agency.
ADOT HazMat Response Team	ADOT TOC and EMC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT HazMat Response Team	ADOT TOC and EMC	resource deployment status	Existing	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT HazMat Response Team	ADOT TOC and EMC	resource request	Existing	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
ADOT HazMat Response Team	ADOT TOC and EMC	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT HazMat Response Team	ADOT TOC and EMC	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT HazMat Response Team	ADOT TOC and EMC	threat information	Planned	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
ADOT HazMat Response Team	ADOT TOC and EMC	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT HazMat Response Team	ADOT TOC and EMC	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT HazMat Response Team	ADOT TOC and EMC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT HazMat Response Team	Cities and Towns Police and Fire Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT HazMat Response Team	Cities and Towns Police and Fire Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT HazMat Response Team	Cities and Towns Police and Fire Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT HazMat Response Team	Cities and Towns Police and Fire Dispatch	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
ADOT HazMat Response Team	Cities and Towns Police and Fire Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT HazMat Response Team	Cities and Towns Police and Fire Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT HazMat Response Team	Cities and Towns Police and Fire Dispatch	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT HazMat Response Team	Cities and Towns Police and Fire Dispatch	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT HazMat Response Team	Cities and Towns Police and Fire Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT HazMat Response Team	Cities and Towns Police and Fire Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT HazMat Response Team	Cities and Towns Police and Fire Dispatch	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT HazMat Response Team	Cities and Towns Police and Fire Dispatch	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT HazMat Response Team	Cities and Towns Police and Fire Dispatch	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT HazMat Response Team	Cities and Towns Police and Fire Dispatch	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT HazMat Response Team	Cities and Towns Police and Fire Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT HazMat Response Team	DEMA CRT - HazMat Response Team	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT HazMat Response Team	DEMA CRT - HazMat Response Team	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT HazMat Response Team	DEMA CRT - HazMat Response Team	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT HazMat Response Team	DEMA CRT - HazMat Response Team	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT HazMat Response Team	DEMA CRT - HazMat Response Team	emergency traffic coordination	Existing	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
ADOT HazMat Response Team	DEMA CRT - HazMat Response Team	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT HazMat Response Team	DEMA CRT - HazMat Response Team	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT HazMat Response Team	DEMA CRT - HazMat Response Team	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT HazMat Response Team	DEMA CRT - HazMat Response Team	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT HazMat Response Team	DEMA CRT - HazMat Response Team	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT HazMat Response Team	DEMA CRT - HazMat Response Team	resource deployment status	Existing	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT HazMat Response Team	DEMA CRT - HazMat Response Team	resource request	Existing	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT HazMat Response Team	DPS Central Communications Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT HazMat Response Team	DPS Central Communications Center	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT HazMat Response Team	DPS Central Communications Center	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT HazMat Response Team	DPS Central Communications Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT HazMat Response Team	DPS Central Communications Center	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
ADOT HazMat Response Team	DPS Central Communications Center	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
ADOT HazMat Response Team	DPS Central Communications Center	emergency traffic coordination	Existing	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
ADOT HazMat Response Team	DPS Central Communications Center	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT HazMat Response Team	DPS Central Communications Center	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT HazMat Response Team	DPS Central Communications Center	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT HazMat Response Team	DPS Central Communications Center	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT HazMat Response Team	DPS Central Communications Center	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT HazMat Response Team	DPS Central Communications Center	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT HazMat Response Team	DPS Central Communications Center	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT HazMat Response Team	DPS Central Communications Center	remote surveillance control	Existing	The control commands used to remotely operate another center's sensors or surveillance equipment so that roadside surveillance assets can be shared by more than one agency.
ADOT HazMat Response Team	DPS Central Communications Center	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT HazMat Response Team	DPS Central Communications Center	resource deployment status	Existing	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT HazMat Response Team	DPS Central Communications Center	resource request	Existing	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT HazMat Response Team	DPS Central Communications Center	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT HazMat Response Team	DPS Central Communications Center	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT HazMat Response Team	DPS Central Communications Center	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc).
ADOT HazMat Response Team	DPS Central Communications Center	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT HazMat Response Team	DPS Central Communications Center	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT HazMat Response Team	DPS Central Communications Center	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT HazMat Response Team	DPS Console Interface (Other LE)	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT HazMat Response Team	DPS Console Interface (Other LE)	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT HazMat Response Team	DPS Console Interface (Other LE)	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT HazMat Response Team	DPS Console Interface (Other LE)	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT HazMat Response Team	DPS Console Interface (Other LE)	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT HazMat Response Team	DPS Console Interface (Other LE)	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT HazMat Response Team	DPS Console Interface (Other LE)	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT HazMat Response Team	DPS Console Interface (Other LE)	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT HazMat Response Team	DPS Console Interface (Other LE)	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT HazMat Response Team	DPS HazMat Team	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT HazMat Response Team	DPS HazMat Team	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT HazMat Response Team	DPS HazMat Team	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT HazMat Response Team	Maricopa County EOC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT HazMat Response Team	Maricopa County EOC	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT HazMat Response Team	Maricopa County EOC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT HazMat Response Team	Maricopa County EOC	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
ADOT HazMat Response Team	Maricopa County EOC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT HazMat Response Team	Maricopa County EOC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT HazMat Response Team	Maricopa County EOC	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT HazMat Response Team	Maricopa County EOC	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT HazMat Response Team	Maricopa County EOC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT HazMat Response Team	Maricopa County EOC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT HazMat Response Team	Maricopa County EOC	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT HazMat Response Team	Maricopa County EOC	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT HazMat Response Team	Maricopa County EOC	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT HazMat Response Team	Maricopa County EOC	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT HazMat Response Team	Maricopa County EOC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT HazMat Response Team	NOAA _National Weather Service	road network environmental situation data	Planned	Aggregated environmental situation data collected from vehicles and other sources for the road network. Aggregated information would include measured air temperature, exterior light status, wiper status, sun sensor status, rain sensor status, traction control status, ALB status, and other collected vehicle system status and sensor information for the region.
ADOT HazMat Response Team	Railroad Operations Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT HazMat Response Team	Tribal TMC-TOC-TIC	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT HazMat Response Team	Tribal TMC-TOC-TIC	emergency traffic control request	Planned	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
ADOT HazMat Response Team	Tribal TMC-TOC-TIC	emergency traffic coordination	Planned	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT HazMat Response Team	Tribal TMC-TOC-TIC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT HazMat Response Team	Tribal TMC-TOC-TIC	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
ADOT HazMat Response Team	Wide Area Alerting Systems	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
ADOT HPMS Data Archive	ADEQ Arizona Emissions Management	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
ADOT HPMS Data Archive	ADOT AZ Crash Information System (ACIS)	archive analysis results	Planned	Processed information products, supporting meta data, and any associated transaction information resulting from data mining, analytical processing, aggregation or summarization, report formulation, or other on-line processing and analysis of archived data.
ADOT HPMS Data Archive	ADOT AZ Crash Information System (ACIS)	archive request confirmation	Planned	Confirmation that an archive request has been received and processed with information on the disposition of the request.
ADOT HPMS Data Archive	ADOT AZ Crash Information System (ACIS)	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
ADOT HPMS Data Archive	ADOT HPMS Data User System	archived data products	Existing	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
ADOT HPMS Data Archive	ADOT Motor Vehicle Division (MVD) Database	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
ADOT HPMS Data Archive	ADOT Systems Maintenance	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
ADOT HPMS Data Archive	ADOT TOC and EMC	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
ADOT HPMS Data Archive	ADOT TOC Data Archive	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
ADOT HPMS Data Archive	ADOT TOC Data Archive	other data source archive data	Planned	Data extracted from other data sources. A wide range of ITS and non-ITS data and associated meta data may be provided.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT HPMS Data Archive	Archive Data Users	archived data products	Existing	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
ADOT HPMS Data Archive	AZTech RADS Data Archive	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
ADOT HPMS Data Archive	AZTech RADS Data Archive	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
ADOT HPMS Data Archive	AZTech RADS Data Archive	other data source archive data	Existing	Data extracted from other data sources. A wide range of ITS and non-ITS data and associated meta data may be provided.
ADOT HPMS Data Archive	AZTech RADS Data User System	archive analysis results	Planned	Processed information products, supporting meta data, and any associated transaction information resulting from data mining, analytical processing, aggregation or summarization, report formulation, or other on-line processing and analysis of archived data.
ADOT HPMS Data Archive	AZTech RADS Data User System	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
ADOT HPMS Data Archive	Cities and Towns Data Archive	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
ADOT HPMS Data Archive	Cities and Towns Data Archive	other data source archive data	Existing	Data extracted from other data sources. A wide range of ITS and non-ITS data and associated meta data may be provided.
ADOT HPMS Data Archive	County Data Archive	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
ADOT HPMS Data Archive	County Data Archive	other data source archive data	Existing	Data extracted from other data sources. A wide range of ITS and non-ITS data and associated meta data may be provided.
ADOT HPMS Data Archive	County Data User Systems	archived data products	Existing	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
ADOT HPMS Data Archive	DPS Data Archive	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
ADOT HPMS Data Archive	MAG Data User Systems	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
ADOT HPMS Data Archive	MPO-COG Data User Systems	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT HPMS Data Archive	MPO-COG Planning Traffic Database	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
ADOT HPMS Data Archive	MPO-COG Planning Traffic Database	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
ADOT HPMS Data Archive	MPO-COG Planning Traffic Database	other data source archive data	Planned	Data extracted from other data sources. A wide range of ITS and non-ITS data and associated meta data may be provided.
ADOT HPMS Data Archive	PAG Data User Systems	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
ADOT HPMS Data Archive	PAG Planning Traffic Database	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
ADOT HPMS Data Archive	POE Data User and ISP Systems	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
ADOT HPMS Data Archive	Tribal Data Archive	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
ADOT HPMS Data Archive	Tribal Data User Systems	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
ADOT HPMS Data User System	ADOT HPMS Data Archive	archived data product requests	Existing	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
ADOT HPMS Data User System	ADOT TOC Data Archive	archived data product requests	Existing	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
ADOT HPMS Data User System	Cities and Towns Data Archive	archived data product requests	Existing	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
ADOT HPMS Data User System	County Data Archive	archived data product requests	Existing	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
ADOT HPMS Data User System	MPO-COG Planning Traffic Database	archived data product requests	Existing	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
ADOT Incident Response Unit (IRU)	ADOT 511 IVR	incident information for public	Existing	Report of current desensitized incident information prepared for public dissemination.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Incident Response Unit (IRU)	ADOT 511 IVR	transportation system status	Existing	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT Incident Response Unit (IRU)	ADOT 511 Website	incident information for public	Existing	Report of current desensitized incident information prepared for public dissemination.
ADOT Incident Response Unit (IRU)	ADOT 511 Website	transportation system status	Existing	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT Incident Response Unit (IRU)	ADOT AZ 511 App	incident information for media	Existing	Report of current desensitized incident information prepared for public dissemination through the media.
ADOT Incident Response Unit (IRU)	ADOT Communications PIO	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT Incident Response Unit (IRU)	ADOT Communications PIO	transportation system status	Existing	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT Incident Response Unit (IRU)	ADOT Crash Reporting Information System (CRIS)	emergency archive data	Existing	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADOT Incident Response Unit (IRU)	ADOT Crash Reporting Information System (CRIS)	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Incident Response Unit (IRU)	ADOT Crash Reporting Information System (CRIS)	maint and constr archive data	Existing	Information describing road construction and maintenance activities identifying the type of activity, the work performed, and work zone information including work zone configuration and safety (e.g., a record of intrusions and vehicle speeds) information. For construction activities, this information also includes a description of the completed infrastructure, including as-built plans as applicable. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADOT Incident Response Unit (IRU)	ADOT DEOC-Dept EM Ops Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT Incident Response Unit (IRU)	ADOT DEOC-Dept EM Ops Center	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT Incident Response Unit (IRU)	ADOT DEOC-Dept EM Ops Center	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT Incident Response Unit (IRU)	ADOT DEOC-Dept EM Ops Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT Incident Response Unit (IRU)	ADOT DEOC-Dept EM Ops Center	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT Incident Response Unit (IRU)	ADOT DEOC-Dept EM Ops Center	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT Incident Response Unit (IRU)	ADOT DEOC-Dept EM Ops Center	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Incident Response Unit (IRU)	ADOT DEOC-Dept EM Ops Center	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT Incident Response Unit (IRU)	ADOT DEOC-Dept EM Ops Center	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT Incident Response Unit (IRU)	ADOT DEOC-Dept EM Ops Center	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT Incident Response Unit (IRU)	ADOT DEOC-Dept EM Ops Center	transportation system status	Existing	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT Incident Response Unit (IRU)	ADOT ECD Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT Incident Response Unit (IRU)	ADOT ECD Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT Incident Response Unit (IRU)	ADOT ECD Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT Incident Response Unit (IRU)	ADOT ECD Dispatch	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Incident Response Unit (IRU)	ADOT ECD Dispatch	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT Incident Response Unit (IRU)	ADOT ECD Dispatch	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT Incident Response Unit (IRU)	ADOT ECD Dispatch	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT Incident Response Unit (IRU)	ADOT ECD Dispatch	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT Incident Response Unit (IRU)	ADOT ECD Dispatch	work zone information	Existing	Summary of maintenance and construction work zone activities affecting the road network including the nature of the maintenance or construction activity, location, impact to the roadway, expected time(s) and duration of impact, anticipated delays, alternate routes, and suggested speed limits. This information may be augmented with images that provide a visual indication of current work zone status and traffic impacts.
ADOT Incident Response Unit (IRU)	ADOT Engineering Districts	maint and constr resource request	Existing	Request for road maintenance and construction resources that can be used in the diversion of traffic (cones, portable signs), clearance of a road hazard, repair of ancillary damage, or any other incident response. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of resources.
ADOT Incident Response Unit (IRU)	ADOT HazMat Response Team	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT Incident Response Unit (IRU)	ADOT HazMat Response Team	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT Incident Response Unit (IRU)	ADOT HazMat Response Team	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Incident Response Unit (IRU)	ADOT HazMat Response Team	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT Incident Response Unit (IRU)	ADOT HazMat Response Team	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT Incident Response Unit (IRU)	ADOT HazMat Response Team	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT Incident Response Unit (IRU)	ADOT HazMat Response Team	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT Incident Response Unit (IRU)	ADOT HazMat Response Team	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT Incident Response Unit (IRU)	ADOT HazMat Response Team	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT Incident Response Unit (IRU)	ADOT HazMat Response Team	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT Incident Response Unit (IRU)	ADOT HazMat Response Team	resource deployment status	Existing	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT Incident Response Unit (IRU)	ADOT HazMat Response Team	resource request	Existing	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Incident Response Unit (IRU)	ADOT HPMS Data Archive	emergency archive data	Existing	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADOT Incident Response Unit (IRU)	ADOT HPMS Data Archive	maint and constr archive data	Existing	Information describing road construction and maintenance activities identifying the type of activity, the work performed, and work zone information including work zone configuration and safety (e.g., a record of intrusions and vehicle speeds) information. For construction activities, this information also includes a description of the completed infrastructure, including as-built plans as applicable. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADOT Incident Response Unit (IRU)	ADOT ITS Field Equipment	roadway dynamic signage data	Existing	Information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support remote management of these devices.
ADOT Incident Response Unit (IRU)	ADOT ITS Field Equipment	work zone warning device control	Existing	Data used to configure and control work zone safety monitoring and warning devices.
ADOT Incident Response Unit (IRU)	ADOT Rapid Notification System	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT Incident Response Unit (IRU)	ADOT Rapid Notification System	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT Incident Response Unit (IRU)	ADOT Rapid Notification System	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Incident Response Unit (IRU)	ADOT Rapid Notification System	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT Incident Response Unit (IRU)	ADOT Rapid Notification System	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT Incident Response Unit (IRU)	ADOT Regional Traffic Operations	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT Incident Response Unit (IRU)	ADOT Regional Traffic Operations	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT Incident Response Unit (IRU)	ADOT Regional Traffic Operations	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT Incident Response Unit (IRU)	ADOT Regional Traffic Operations	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT Incident Response Unit (IRU)	ADOT Regional Traffic Operations	resource request	Existing	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
ADOT Incident Response Unit (IRU)	ADOT Regional Traffic Operations	work plan feedback	Existing	Comments and suggested changes to proposed construction and maintenance work schedules and activities. This information influences work plan schedules so that they minimize impact to other system operations and the overall transportation system.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Incident Response Unit (IRU)	ADOT Roadside Comm Equipment	roadway dynamic signage data	Existing	Information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support remote management of these devices.
ADOT Incident Response Unit (IRU)	ADOT TOC and EMC	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT Incident Response Unit (IRU)	ADOT TOC and EMC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT Incident Response Unit (IRU)	ADOT TOC and EMC	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT Incident Response Unit (IRU)	ADOT TOC and EMC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT Incident Response Unit (IRU)	ADOT TOC and EMC	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
ADOT Incident Response Unit (IRU)	ADOT TOC and EMC	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT Incident Response Unit (IRU)	ADOT TOC and EMC	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Incident Response Unit (IRU)	ADOT TOC and EMC	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT Incident Response Unit (IRU)	ADOT TOC and EMC	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT Incident Response Unit (IRU)	ADOT TOC and EMC	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT Incident Response Unit (IRU)	ADOT TOC and EMC	remote surveillance control	Existing	The control commands used to remotely operate another center's sensors or surveillance equipment so that roadside surveillance assets can be shared by more than one agency.
ADOT Incident Response Unit (IRU)	ADOT TOC and EMC	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT Incident Response Unit (IRU)	ADOT TOC and EMC	resource deployment status	Existing	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT Incident Response Unit (IRU)	ADOT TOC and EMC	resource request	Existing	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
ADOT Incident Response Unit (IRU)	ADOT TOC Data Archive	emergency archive data	Existing	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADOT Incident Response Unit (IRU)	ADOT TOC Traffic Information Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Incident Response Unit (IRU)	AZTech RADS Data Archive	emergency archive data	Existing	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADOT Incident Response Unit (IRU)	AZTech Regional Info System (ARIS)	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT Incident Response Unit (IRU)	DEMA CRT - HazMat Response Team	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT Incident Response Unit (IRU)	DEMA Data Archive	emergency archive data	Existing	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADOT Incident Response Unit (IRU)	DPS Central Communications Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT Incident Response Unit (IRU)	DPS Central Communications Center	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT Incident Response Unit (IRU)	DPS Central Communications Center	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Incident Response Unit (IRU)	DPS Central Communications Center	emergency notification	Existing	An emergency request for assistance that is automatically initiated by a vehicle or manually initiated by a vehicle occupant or a traveler (vulnerable road user) with a personal information device. The request includes call-back number, date, time, location, pre-event vehicle heading, vehicle make, model, model year, and fuel type, and crash severity indicators. Crash severity indicators include: airbags deployed, number of impacts, crash delta velocity, principle direction of force, and rollover indication. In addition, seatbelt restraint use, number of occupants, occupant location, and intrusion may be included. For commercial vehicles, this flow may also include freight equipment type (box, flatbed, trailer, container, etc.), type of cargo (refrigerated, non-perishable, liquid, etc.), hazardous material data, quantity of cargo, and cargo permits as applicable (hazmat, special routing permissions).
ADOT Incident Response Unit (IRU)	DPS Central Communications Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT Incident Response Unit (IRU)	DPS Central Communications Center	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
ADOT Incident Response Unit (IRU)	DPS Central Communications Center	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT Incident Response Unit (IRU)	DPS Central Communications Center	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT Incident Response Unit (IRU)	DPS Central Communications Center	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Incident Response Unit (IRU)	DPS Central Communications Center	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT Incident Response Unit (IRU)	DPS Central Communications Center	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT Incident Response Unit (IRU)	DPS Central Communications Center	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT Incident Response Unit (IRU)	DPS Central Communications Center	resource deployment status	Existing	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT Incident Response Unit (IRU)	DPS Central Communications Center	resource request	Existing	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
ADOT Incident Response Unit (IRU)	DPS HazMat Team	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT Incident Response Unit (IRU)	DPS HazMat Team	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT Incident Response Unit (IRU)	DPS HazMat Team	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT Incident Response Unit (IRU)	DPS HazMat Team	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Incident Response Unit (IRU)	Maricopa County EOC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT Incident Response Unit (IRU)	Maricopa County EOC	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT Incident Response Unit (IRU)	Maricopa County EOC	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT IRU Vehicles	ADOT TOC and EMC	emergency vehicle tracking data	Existing	The current location and operating status of the emergency vehicle.
ADOT IRU Vehicles	ADOT TOC and EMC	incident scene images	Existing	Real time images or video of an incident scene. This flow includes the images or video and meta data that describes the images.
ADOT IRU Vehicles	ADOT TOC and EMC	incident scene status	Existing	Information gathered at the incident site that more completely characterizes the incident and provides current incident response status.
ADOT IRU Vehicles	ADOT TOC and EMC	service patrol dispatch response	Existing	Request for additional dispatch information and provision of en route status.
ADOT IRU Vehicles	ADOT TOC and EMC	service patrol incident status	Existing	Information gathered at the incident site by a service patrol vehicle that more completely characterizes the incident, the services provided, and clearance status.
ADOT IRU Vehicles	DEMA CRT - HazMat Response Team	incident scene images	Existing	Real time images or video of an incident scene. This flow includes the images or video and meta data that describes the images.
ADOT IRU Vehicles	DEMA CRT - HazMat Response Team	incident scene status	Existing	Information gathered at the incident site that more completely characterizes the incident and provides current incident response status.
ADOT IRU Vehicles	DEMA CRT - HazMat Response Team	service patrol dispatch response	Existing	Request for additional dispatch information and provision of en route status.
ADOT IRU Vehicles	DEMA CRT - HazMat Response Team	service patrol incident status	Existing	Information gathered at the incident site by a service patrol vehicle that more completely characterizes the incident, the services provided, and clearance status.
ADOT ITS Field Equipment	ADOT CV Roadside Equipment	environmental sensor data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ITS Field Equipment	ADOT CV Roadside Equipment	vehicle signage local data	Planned	Information provided by adjacent field equipment to support in-vehicle signing of dynamic information that is currently being displayed to passing drivers. This includes the dynamic information (e.g., local traffic and road conditions, work zone information, lane restrictions, detours, closures, advisories, parking availability, etc.) and control parameters that identify the desired timing, duration, and priority of the signage data.
ADOT ITS Field Equipment	ADOT Dust Detection Software System	environmental sensor data	Existing	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
ADOT ITS Field Equipment	ADOT Dust Detection Software System	roadway dynamic signage status	Existing	Current operating status of dynamic message signs.
ADOT ITS Field Equipment	ADOT Dust Detection Software System	roadway warning system status	Existing	Current operating status of roadway warning systems.
ADOT ITS Field Equipment	ADOT Dust Detection Software System	speed monitoring information	Existing	System status including current operational state and logged information including measured speeds, warning messages displayed, and violation records.
ADOT ITS Field Equipment	ADOT Dust Detection Software System	variable speed limit status	Existing	Current operating status of the variable speed limit systems including the state of the equipment.
ADOT ITS Field Equipment	ADOT Engineering Districts	field equipment status	Planned	Reports from field equipment (sensors, signals, signs, controllers, etc.) which indicate current operational status.
ADOT ITS Field Equipment	ADOT Incident Response Unit (IRU)	field equipment status	Existing	Reports from field equipment (sensors, signals, signs, controllers, etc.) which indicate current operational status.
ADOT ITS Field Equipment	ADOT Incident Response Unit (IRU)	roadway dynamic signage status	Existing	Current operating status of dynamic message signs.
ADOT ITS Field Equipment	ADOT Mainline Detection	barrier system coordination	Planned	The direct flow of information between field equipment. This includes information used to configure and control barrier systems that are represented by gates, barriers and other automated or remotely controlled systems used to manage entry to roadways. Current operating status of barrier systems is also shared including operating condition and current operational state.
ADOT ITS Field Equipment	ADOT Mainline Detection	barrier system status	Planned	Current operating status of barrier systems. Barrier systems represent gates, barriers and other automated or remotely controlled systems used to manage entry to roadways. Status of the systems includes operating condition and current operational state.
ADOT ITS Field Equipment	ADOT Mainline Detection	dynamic sign coordination	Existing	The direct flow of information between field equipment. This includes information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support local management of these devices. Current operating status of dynamic message signs is returned.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ITS Field Equipment	ADOT Mainline Detection	lane management coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control dynamic lane management systems and the status of managed lanes including current operational state, violations, and logged information. This also includes lane usage information including both traditional traffic flow measures and special information associated with managed lanes such as measured passenger occupancies. It also includes the operational status of the lane management equipment.
ADOT ITS Field Equipment	ADOT Mainline Detection	passive vehicle monitoring coordination	Planned	The direct flow of information between field equipment. This includes control commands used to control detection systems that rely on infrastructure-based identification of individual vehicles to measure travel times and other related measures by identifying the same vehicle at different points in the network. Related technologies include Bluetooth readers and license plate recognition systems. The coordination also includes sharing of time stamped identifiers that identify the vehicles that have passed through a detection zone.
ADOT ITS Field Equipment	ADOT Mainline Detection	reversible lane coordination	Planned	The direct flow of information between field equipment. This includes control of automated reversible lane configuration and driver information systems and current reversible lane status including the operational status and mode of the reversible lane control equipment.
ADOT ITS Field Equipment	ADOT Mainline Detection	roadway dynamic signage status	Planned	Current operating status of dynamic message signs.
ADOT ITS Field Equipment	ADOT Mainline Detection	roadway treatment coordination	Planned	The direct flow of information between field equipment. This includes control data for remotely located, automated devices, that treat the road surface (e.g., de-icing applications) and the current operational status of automated roadway treatment devices.
ADOT ITS Field Equipment	ADOT Mainline Detection	roadway warning coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control roadway warning systems and the current operating status of roadway warning systems.
ADOT ITS Field Equipment	ADOT Mainline Detection	signal control coordination	Existing	The direct flow of information between field equipment. This includes configuration and control of traffic signal controllers or field masters. Configuration data and operational status of traffic signal control equipment including operating condition and current indications are returned.
ADOT ITS Field Equipment	ADOT Mainline Detection	traffic detector coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control traffic detector systems such as inductive loop detectors and machine vision sensors. Raw and/or processed traffic detector data is returned that allows derivation of traffic flow variables (e.g., speed, volume, and density measures) and associated information (e.g., congestion, potential incidents). This flow includes the traffic data and the operational status of the traffic detectors.
ADOT ITS Field Equipment	ADOT Mainline Detection	traffic metering coordination	Existing	The direct flow of information between field equipment. This includes control commands and operating parameters for ramp meters, interchange meters, mainline meters, and other systems equipment associated with roadway metering operations. Current operational status of the traffic metering status is also provided.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ITS Field Equipment	ADOT Mainline Detection	variable speed limit coordination	Planned	The direct flow of information between field equipment. This includes information used to configure, control, and monitor variable speed limit systems including the equipment used to provide current speed limits and other information to drivers.
ADOT ITS Field Equipment	ADOT Mainline Detection	vehicle signage local data	Existing	Information provided by adjacent field equipment to support in-vehicle signing of dynamic information that is currently being displayed to passing drivers. This includes the dynamic information (e.g., local traffic and road conditions, work zone information, lane restrictions, detours, closures, advisories, parking availability, etc.) and control parameters that identify the desired timing, duration, and priority of the signage data.
ADOT ITS Field Equipment	ADOT Maintenance Work Zone Field Equipment	field equipment status	Existing	Reports from field equipment (sensors, signals, signs, controllers, etc.) which indicate current operational status.
ADOT ITS Field Equipment	ADOT Regional Traffic Operations	environmental sensor data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
ADOT ITS Field Equipment	ADOT Regional Traffic Operations	field equipment status	Planned	Reports from field equipment (sensors, signals, signs, controllers, etc.) which indicate current operational status.
ADOT ITS Field Equipment	ADOT Regional Traffic Operations	lane management information	Planned	System status of managed lanes including current operational state, violations, and logged information. This includes lane usage information including both traditional traffic flow measures and special information associated with managed lanes such as measured passenger occupancies. It also includes the operational status of the lane management equipment.
ADOT ITS Field Equipment	ADOT Regional Traffic Operations	passive vehicle monitoring data	Planned	Time stamped identifiers that identify the vehicles that have passed through a detection zone.
ADOT ITS Field Equipment	ADOT Regional Traffic Operations	rail crossing status	Planned	Status of the highway-rail intersection equipment including both the current state or mode of operation and the current equipment condition.
ADOT ITS Field Equipment	ADOT Regional Traffic Operations	reversible lane status	Planned	Current reversible lane status including traffic sensor and surveillance data and the operational status and mode of the reversible lane control equipment.
ADOT ITS Field Equipment	ADOT Regional Traffic Operations	right-of-way request notification	Planned	Notice that a request has occurred for signal prioritization, signal preemption, pedestrian call, multi-modal crossing activation, or other source for right-of-way.
ADOT ITS Field Equipment	ADOT Regional Traffic Operations	roadway dynamic signage status	Planned	Current operating status of dynamic message signs.
ADOT ITS Field Equipment	ADOT Regional Traffic Operations	roadway treatment system status	Planned	Current operational status of automated roadway treatment devices (e.g., anti-icing systems).
ADOT ITS Field Equipment	ADOT Regional Traffic Operations	roadway warning system status	Existing	Current operating status of roadway warning systems.
ADOT ITS Field Equipment	ADOT Regional Traffic Operations	safeguard system status	Planned	Current operating status of safeguard systems (remotely controlled equipment used to mitigate the impact of incidents on transportation infrastructure, such as blast shields, exhaust systems, etc.). Status of the systems includes operating condition and current operational state.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ITS Field Equipment	ADOT Regional Traffic Operations	signal control status	Planned	Operational and status data of traffic signal control equipment including operating condition and current indications.
ADOT ITS Field Equipment	ADOT Regional Traffic Operations	signal fault data	Planned	Faults reported by traffic signal control equipment.
ADOT ITS Field Equipment	ADOT Regional Traffic Operations	speed monitoring information	Planned	System status including current operational state and logged information including measured speeds, warning messages displayed, and violation records.
ADOT ITS Field Equipment	ADOT Regional Traffic Operations	traffic detector data	Existing	Raw and/or processed traffic detector data which allows derivation of traffic flow variables (e.g., speed, volume, and density measures) and associated information (e.g., congestion, potential incidents). This flow includes the traffic data and the operational status of the traffic detectors
ADOT ITS Field Equipment	ADOT Regional Traffic Operations	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT ITS Field Equipment	ADOT Regional Traffic Operations	variable speed limit status	Planned	Current operating status of the variable speed limit systems including the state of the equipment.
ADOT ITS Field Equipment	ADOT Regional Traffic Operations	work zone warning status	Planned	Status of a work zone safety monitoring and warning devices. This flow documents system activations and includes additional supporting information (e.g., an image) that allows verification of the alarm.
ADOT ITS Field Equipment	ADOT Roadside Comm Equipment	barrier system coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control barrier systems that are represented by gates, barriers and other automated or remotely controlled systems used to manage entry to roadways. Current operating status of barrier systems is also shared including operating condition and current operational state.
ADOT ITS Field Equipment	ADOT Roadside Comm Equipment	dynamic sign coordination	Existing	The direct flow of information between field equipment. This includes information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support local management of these devices. Current operating status of dynamic message signs is returned.
ADOT ITS Field Equipment	ADOT Roadside Comm Equipment	environmental sensor coordination	Existing	The direct flow of information between field equipment. This includes configuration and control of environmental sensors and the current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
ADOT ITS Field Equipment	ADOT Roadside Comm Equipment	lane management coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control dynamic lane management systems and the status of managed lanes including current operational state, violations, and logged information. This also includes lane usage information including both traditional traffic flow measures and special information associated with managed lanes such as measured passenger occupancies. It also includes the operational status of the lane management equipment.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ITS Field Equipment	ADOT Roadside Comm Equipment	passive vehicle monitoring coordination	Planned	The direct flow of information between field equipment. This includes control commands used to control detection systems that rely on infrastructure-based identification of individual vehicles to measure travel times and other related measures by identifying the same vehicle at different points in the network. Related technologies include Bluetooth readers and license plate recognition systems. The coordination also includes sharing of time stamped identifiers that identify the vehicles that have passed through a detection zone.
ADOT ITS Field Equipment	ADOT Roadside Comm Equipment	rail crossing operational status	Planned	Status of the highway-rail grade crossing equipment including both the current state or mode of operation and the current equipment condition.
ADOT ITS Field Equipment	ADOT Roadside Comm Equipment	reversible lane coordination	Planned	The direct flow of information between field equipment. This includes control of automated reversible lane configuration and driver information systems and current reversible lane status including the operational status and mode of the reversible lane control equipment.
ADOT ITS Field Equipment	ADOT Roadside Comm Equipment	roadway treatment coordination	Existing	The direct flow of information between field equipment. This includes control data for remotely located, automated devices, that treat the road surface (e.g., de-icing applications) and the current operational status of automated roadway treatment devices.
ADOT ITS Field Equipment	ADOT Roadside Comm Equipment	roadway warning coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control roadway warning systems and the current operating status of roadway warning systems.
ADOT ITS Field Equipment	ADOT Roadside Comm Equipment	signal control coordination	Existing	The direct flow of information between field equipment. This includes configuration and control of traffic signal controllers or field masters. Configuration data and operational status of traffic signal control equipment including operating condition and current indications are returned.
ADOT ITS Field Equipment	ADOT Roadside Comm Equipment	traffic detector coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control traffic detector systems such as inductive loop detectors and machine vision sensors. Raw and/or processed traffic detector data is returned that allows derivation of traffic flow variables (e.g., speed, volume, and density measures) and associated information (e.g., congestion, potential incidents). This flow includes the traffic data and the operational status of the traffic detectors.
ADOT ITS Field Equipment	ADOT Roadside Comm Equipment	traffic metering coordination	Existing	The direct flow of information between field equipment. This includes control commands and operating parameters for ramp meters, interchange meters, mainline meters, and other systems equipment associated with roadway metering operations. Current operational status of the traffic metering status is also provided.
ADOT ITS Field Equipment	ADOT Roadside Comm Equipment	variable speed limit coordination	Existing	The direct flow of information between field equipment. This includes information used to configure, control, and monitor variable speed limit systems including the equipment used to provide current speed limits and other information to drivers.
ADOT ITS Field Equipment	ADOT Roadside Comm Equipment	video surveillance coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control video surveillance systems and the high fidelity, real-time traffic images and associated meta data that are returned.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ITS Field Equipment	ADOT RWIS	dynamic sign coordination	Existing	The direct flow of information between field equipment. This includes information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support local management of these devices. Current operating status of dynamic message signs is returned.
ADOT ITS Field Equipment	ADOT RWIS	environmental sensor coordination	Existing	The direct flow of information between field equipment. This includes configuration and control of environmental sensors and the current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
ADOT ITS Field Equipment	ADOT RWIS	roadway treatment coordination	Existing	The direct flow of information between field equipment. This includes control data for remotely located, automated devices, that treat the road surface (e.g., de-icing applications) and the current operational status of automated roadway treatment devices.
ADOT ITS Field Equipment	ADOT RWIS	roadway warning coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control roadway warning systems and the current operating status of roadway warning systems.
ADOT ITS Field Equipment	ADOT RWIS	variable speed limit coordination	Planned	The direct flow of information between field equipment. This includes information used to configure, control, and monitor variable speed limit systems including the equipment used to provide current speed limits and other information to drivers.
ADOT ITS Field Equipment	ADOT RWIS	video surveillance coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control video surveillance systems and the high fidelity, real-time traffic images and associated meta data that are returned.
ADOT ITS Field Equipment	ADOT Systems Maintenance	environmental sensor data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
ADOT ITS Field Equipment	ADOT Systems Maintenance	field equipment status	Existing	Reports from field equipment (sensors, signals, signs, controllers, etc.) which indicate current operational status.
ADOT ITS Field Equipment	ADOT Systems Maintenance	roadway dynamic signage status	Existing	Current operating status of dynamic message signs.
ADOT ITS Field Equipment	ADOT Systems Maintenance	roadway treatment system status	Planned	Current operational status of automated roadway treatment devices (e.g., anti-icing systems).
ADOT ITS Field Equipment	ADOT Systems Maintenance	signal control status	Existing	Operational and status data of traffic signal control equipment including operating condition and current indications.
ADOT ITS Field Equipment	ADOT Systems Maintenance	signal fault data	Existing	Faults reported by traffic signal control equipment.
ADOT ITS Field Equipment	ADOT Systems Maintenance	speed monitoring information	Planned	System status including current operational state and logged information including measured speeds, warning messages displayed, and violation records.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ITS Field Equipment	ADOT Systems Maintenance	traffic detector data	Existing	Raw and/or processed traffic detector data which allows derivation of traffic flow variables (e.g., speed, volume, and density measures) and associated information (e.g., congestion, potential incidents). This flow includes the traffic data and the operational status of the traffic detectors
ADOT ITS Field Equipment	ADOT Systems Maintenance	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT ITS Field Equipment	ADOT Systems Maintenance	work zone warning status	Planned	Status of a work zone safety monitoring and warning devices. This flow documents system activations and includes additional supporting information (e.g., an image) that allows verification of the alarm.
ADOT ITS Field Equipment	ADOT TOC and EMC	barrier system status	Planned	Current operating status of barrier systems. Barrier systems represent gates, barriers and other automated or remotely controlled systems used to manage entry to roadways. Status of the systems includes operating condition and current operational state.
ADOT ITS Field Equipment	ADOT TOC and EMC	environmental sensor data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
ADOT ITS Field Equipment	ADOT TOC and EMC	lane management information	Existing	System status of managed lanes including current operational state, violations, and logged information. This includes lane usage information including both traditional traffic flow measures and special information associated with managed lanes such as measured passenger occupancies. It also includes the operational status of the lane management equipment.
ADOT ITS Field Equipment	ADOT TOC and EMC	passive vehicle monitoring data	Planned	Time stamped identifiers that identify the vehicles that have passed through a detection zone.
ADOT ITS Field Equipment	ADOT TOC and EMC	rail crossing status	Planned	Status of the highway-rail intersection equipment including both the current state or mode of operation and the current equipment condition.
ADOT ITS Field Equipment	ADOT TOC and EMC	reversible lane status	Planned	Current reversible lane status including traffic sensor and surveillance data and the operational status and mode of the reversible lane control equipment.
ADOT ITS Field Equipment	ADOT TOC and EMC	right-of-way request notification	Existing	Notice that a request has occurred for signal prioritization, signal preemption, pedestrian call, multi-modal crossing activation, or other source for right-of-way.
ADOT ITS Field Equipment	ADOT TOC and EMC	roadway advisory radio status	Planned	Current operating status of highway advisory radios.
ADOT ITS Field Equipment	ADOT TOC and EMC	roadway dynamic signage status	Existing	Current operating status of dynamic message signs.
ADOT ITS Field Equipment	ADOT TOC and EMC	roadway warning system status	Existing	Current operating status of roadway warning systems.
ADOT ITS Field Equipment	ADOT TOC and EMC	safeguard system status	Planned	Current operating status of safeguard systems (remotely controlled equipment used to mitigate the impact of incidents on transportation infrastructure, such as blast shields, exhaust systems, etc.). Status of the systems includes operating condition and current operational state.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ITS Field Equipment	ADOT TOC and EMC	signal control status	Existing	Operational and status data of traffic signal control equipment including operating condition and current indications.
ADOT ITS Field Equipment	ADOT TOC and EMC	signal fault data	Existing	Faults reported by traffic signal control equipment.
ADOT ITS Field Equipment	ADOT TOC and EMC	speed monitoring information	Planned	System status including current operational state and logged information including measured speeds, warning messages displayed, and violation records.
ADOT ITS Field Equipment	ADOT TOC and EMC	traffic detector data	Existing	Raw and/or processed traffic detector data which allows derivation of traffic flow variables (e.g., speed, volume, and density measures) and associated information (e.g., congestion, potential incidents). This flow includes the traffic data and the operational status of the traffic detectors
ADOT ITS Field Equipment	ADOT TOC and EMC	traffic image meta data	Planned	Meta data that describes traffic images. Traffic images (video) are in another flow.
ADOT ITS Field Equipment	ADOT TOC and EMC	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT ITS Field Equipment	ADOT TOC and EMC	traffic metering status	Existing	Current operational status and operating parameters for ramp meters, interchange meters, mainline meters and other control equipment associated with roadway metering operations.
ADOT ITS Field Equipment	ADOT TOC and EMC	variable speed limit status	Planned	Current operating status of the variable speed limit systems including the state of the equipment.
ADOT ITS Field Equipment	ADOT TOC and EMC	wrong way vehicle detected	Planned	Notification that a vehicle has been detected traveling in the wrong direction. This can be a direct report by an equipped vehicle that is being driven in the wrong direction or a report of a non-equipped vehicle that has been detected traveling in the wrong direction. It includes the current location, speed, acceleration, and heading of the wrong way vehicle.
ADOT ITS Field Equipment	ADOT TOC Data Archive	roadside archive data	Existing	A broad set of data derived from roadside sensors that includes current traffic conditions, environmental conditions, and any other data that can be directly collected by roadside sensors. This data also indicates the status of the sensors and reports of any identified sensor faults.
ADOT ITS Field Equipment	ADOT Wrong Way Driver Detection System	dynamic sign coordination	Existing	The direct flow of information between field equipment. This includes information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support local management of these devices. Current operating status of dynamic message signs is returned.
ADOT ITS Field Equipment	ADOT Wrong Way Driver Detection System	passive vehicle monitoring coordination	Planned	The direct flow of information between field equipment. This includes control commands used to control detection systems that rely on infrastructure-based identification of individual vehicles to measure travel times and other related measures by identifying the same vehicle at different points in the network. Related technologies include Bluetooth readers and license plate recognition systems. The coordination also includes sharing of time stamped identifiers that identify the vehicles that have passed through a detection zone.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT ITS Field Equipment	ADOT Wrong Way Driver Detection System	roadway warning coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control roadway warning systems and the current operating status of roadway warning systems.
ADOT ITS Field Equipment	ADOT Wrong Way Driver Detection System	signal control coordination	Planned	The direct flow of information between field equipment. This includes configuration and control of traffic signal controllers or field masters. Configuration data and operational status of traffic signal control equipment including operating condition and current indications are returned.
ADOT ITS Field Equipment	ADOT Wrong Way Driver Detection System	traffic detector coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control traffic detector systems such as inductive loop detectors and machine vision sensors. Raw and/or processed traffic detector data is returned that allows derivation of traffic flow variables (e.g., speed, volume, and density measures) and associated information (e.g., congestion, potential incidents). This flow includes the traffic data and the operational status of the traffic detectors.
ADOT ITS Field Equipment	ADOT Wrong Way Driver Detection System	variable speed limit coordination	Planned	The direct flow of information between field equipment. This includes information used to configure, control, and monitor variable speed limit systems including the equipment used to provide current speed limits and other information to drivers.
ADOT ITS Field Equipment	ADOT Wrong Way Driver Detection System	video surveillance coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control video surveillance systems and the high fidelity, real-time traffic images and associated meta data that are returned.
ADOT ITS Field Equipment	Rail Grade Wayside Warning Systems	rail crossing operational status	Planned	Status of the highway-rail grade crossing equipment including both the current state or mode of operation and the current equipment condition.
ADOT Mainline Detection	ADOT Dust Detection Software System	environmental monitoring application status	Existing	Environmental monitoring application status reported by the RSE. This includes current operational state and status of the RSE and a record of system operation.
ADOT Mainline Detection	ADOT Dust Detection Software System	environmental sensor data	Existing	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
ADOT Mainline Detection	ADOT Dust Detection Software System	environmental situation data	Existing	Aggregated and filtered vehicle environmental data collected from vehicle safety and convenience systems including measured air temperature, exterior light status, wiper status, sun sensor status, rain sensor status, traction control status, anti-lock brake status, and other collected vehicle system status and sensor information. This information flow represents the aggregated and filtered environmental data sets that are provided by the RSE to the back office center. Depending on the RSE configuration and implementation, the data set may also include environmental sensor station data collected by the RSE.
ADOT Mainline Detection	ADOT Dust Detection Software System	roadway dynamic signage status	Existing	Current operating status of dynamic message signs.
ADOT Mainline Detection	ADOT Dust Detection Software System	speed management application status	Existing	Speed management application status reported by the RSE. This includes current operational state and status of the RSE and a record of measured vehicle speeds and current speed targets, advisories, and limits.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Mainline Detection	ADOT Dust Detection Software System	traffic detector data	Existing	Raw and/or processed traffic detector data which allows derivation of traffic flow variables (e.g., speed, volume, and density measures) and associated information (e.g., congestion, potential incidents). This flow includes the traffic data and the operational status of the traffic detectors
ADOT Mainline Detection	ADOT Dust Detection Software System	variable speed limit status	Existing	Current operating status of the variable speed limit systems including the state of the equipment.
ADOT Mainline Detection	ADOT ITS Field Equipment	dynamic sign coordination	Existing	The direct flow of information between field equipment. This includes information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support local management of these devices. Current operating status of dynamic message signs is returned.
ADOT Mainline Detection	ADOT ITS Field Equipment	lane management coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control dynamic lane management systems and the status of managed lanes including current operational state, violations, and logged information. This also includes lane usage information including both traditional traffic flow measures and special information associated with managed lanes such as measured passenger occupancies. It also includes the operational status of the lane management equipment.
ADOT Mainline Detection	ADOT ITS Field Equipment	passive vehicle monitoring coordination	Planned	The direct flow of information between field equipment. This includes control commands used to control detection systems that rely on infrastructure-based identification of individual vehicles to measure travel times and other related measures by identifying the same vehicle at different points in the network. Related technologies include Bluetooth readers and license plate recognition systems. The coordination also includes sharing of time stamped identifiers that identify the vehicles that have passed through a detection zone.
ADOT Mainline Detection	ADOT ITS Field Equipment	reversible lane coordination	Planned	The direct flow of information between field equipment. This includes control of automated reversible lane configuration and driver information systems and current reversible lane status including the operational status and mode of the reversible lane control equipment.
ADOT Mainline Detection	ADOT ITS Field Equipment	roadway treatment coordination	Planned	The direct flow of information between field equipment. This includes control data for remotely located, automated devices, that treat the road surface (e.g., de-icing applications) and the current operational status of automated roadway treatment devices.
ADOT Mainline Detection	ADOT ITS Field Equipment	roadway warning coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control roadway warning systems and the current operating status of roadway warning systems.
ADOT Mainline Detection	ADOT ITS Field Equipment	signal control coordination	Existing	The direct flow of information between field equipment. This includes configuration and control of traffic signal controllers or field masters. Configuration data and operational status of traffic signal control equipment including operating condition and current indications are returned.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Mainline Detection	ADOT ITS Field Equipment	traffic detector coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control traffic detector systems such as inductive loop detectors and machine vision sensors. Raw and/or processed traffic detector data is returned that allows derivation of traffic flow variables (e.g., speed, volume, and density measures) and associated information (e.g., congestion, potential incidents). This flow includes the traffic data and the operational status of the traffic detectors.
ADOT Mainline Detection	ADOT ITS Field Equipment	traffic metering coordination	Existing	The direct flow of information between field equipment. This includes control commands and operating parameters for ramp meters, interchange meters, mainline meters, and other systems equipment associated with roadway metering operations. Current operational status of the traffic metering status is also provided.
ADOT Mainline Detection	ADOT ITS Field Equipment	traffic situation data	Planned	Current, aggregate traffic data collected from connected vehicles that can be used to supplement or replace information collected by roadside traffic detectors. It includes raw and/or processed reported vehicle speeds, counts, and other derived measures. Raw and/or filtered vehicle control events may also be included to support incident detection.
ADOT Mainline Detection	ADOT ITS Field Equipment	variable speed limit coordination	Planned	The direct flow of information between field equipment. This includes information used to configure, control, and monitor variable speed limit systems including the equipment used to provide current speed limits and other information to drivers.
ADOT Mainline Detection	ADOT Roadside Comm Equipment	dynamic sign coordination	Existing	The direct flow of information between field equipment. This includes information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support local management of these devices. Current operating status of dynamic message signs is returned.
ADOT Mainline Detection	ADOT Roadside Comm Equipment	environmental sensor coordination	Existing	The direct flow of information between field equipment. This includes configuration and control of environmental sensors and the current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
ADOT Mainline Detection	ADOT Roadside Comm Equipment	environmental situation data	Planned	Aggregated and filtered vehicle environmental data collected from vehicle safety and convenience systems including measured air temperature, exterior light status, wiper status, sun sensor status, rain sensor status, traction control status, anti-lock brake status, and other collected vehicle system status and sensor information. This information flow represents the aggregated and filtered environmental data sets that are provided by the RSE to the back office center. Depending on the RSE configuration and implementation, the data set may also include environmental sensor station data collected by the RSE.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Mainline Detection	ADOT Roadside Comm Equipment	lane management coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control dynamic lane management systems and the status of managed lanes including current operational state, violations, and logged information. This also includes lane usage information including both traditional traffic flow measures and special information associated with managed lanes such as measured passenger occupancies. It also includes the operational status of the lane management equipment.
ADOT Mainline Detection	ADOT Roadside Comm Equipment	local priority request coordination	Existing	The direct flow of information between field equipment. This includes notification of crossing calls from pedestrians and other vulnerable road users and requests for signal prioritization or preemption, and any other request for right-of-way at an intersection. The status of the priority request is also shared. For vulnerable road users, this includes information provided to guide and warn vulnerable road users at crossings including crossing permission status and crossing time remaining.
ADOT Mainline Detection	ADOT Roadside Comm Equipment	passive vehicle monitoring coordination	Planned	The direct flow of information between field equipment. This includes control commands used to control detection systems that rely on infrastructure-based identification of individual vehicles to measure travel times and other related measures by identifying the same vehicle at different points in the network. Related technologies include Bluetooth readers and license plate recognition systems. The coordination also includes sharing of time stamped identifiers that identify the vehicles that have passed through a detection zone.
ADOT Mainline Detection	ADOT Roadside Comm Equipment	rail crossing operational status	Planned	Status of the highway-rail grade crossing equipment including both the current state or mode of operation and the current equipment condition.
ADOT Mainline Detection	ADOT Roadside Comm Equipment	reversible lane coordination	Planned	The direct flow of information between field equipment. This includes control of automated reversible lane configuration and driver information systems and current reversible lane status including the operational status and mode of the reversible lane control equipment.
ADOT Mainline Detection	ADOT Roadside Comm Equipment	roadway dynamic signage data	Planned	Information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support remote management of these devices.
ADOT Mainline Detection	ADOT Roadside Comm Equipment	roadway treatment coordination	Existing	The direct flow of information between field equipment. This includes control data for remotely located, automated devices, that treat the road surface (e.g., de-icing applications) and the current operational status of automated roadway treatment devices.
ADOT Mainline Detection	ADOT Roadside Comm Equipment	roadway warning coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control roadway warning systems and the current operating status of roadway warning systems.
ADOT Mainline Detection	ADOT Roadside Comm Equipment	signal control coordination	Existing	The direct flow of information between field equipment. This includes configuration and control of traffic signal controllers or field masters. Configuration data and operational status of traffic signal control equipment including operating condition and current indications are returned.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Mainline Detection	ADOT Roadside Comm Equipment	traffic detector coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control traffic detector systems such as inductive loop detectors and machine vision sensors. Raw and/or processed traffic detector data is returned that allows derivation of traffic flow variables (e.g., speed, volume, and density measures) and associated information (e.g., congestion, potential incidents). This flow includes the traffic data and the operational status of the traffic detectors.
ADOT Mainline Detection	ADOT Roadside Comm Equipment	traffic metering coordination	Existing	The direct flow of information between field equipment. This includes control commands and operating parameters for ramp meters, interchange meters, mainline meters, and other systems equipment associated with roadway metering operations. Current operational status of the traffic metering status is also provided.
ADOT Mainline Detection	ADOT Roadside Comm Equipment	traffic situation data	Planned	Current, aggregate traffic data collected from connected vehicles that can be used to supplement or replace information collected by roadside traffic detectors. It includes raw and/or processed reported vehicle speeds, counts, and other derived measures. Raw and/or filtered vehicle control events may also be included to support incident detection.
ADOT Mainline Detection	ADOT Roadside Comm Equipment	variable speed limit coordination	Existing	The direct flow of information between field equipment. This includes information used to configure, control, and monitor variable speed limit systems including the equipment used to provide current speed limits and other information to drivers.
ADOT Mainline Detection	ADOT Roadside Comm Equipment	vehicle entries and exits	Planned	Information exchanged between an RSE and ITS Roadway Equipment that supports detection of non-equipped vehicles in an automated lane, low emissions zone, or other facility where V2I communications is used to monitor vehicles at entry or exit points. This exchange also supports identification of non-equipped vehicles where an RSE is used for payment collection. This generic exchange can be implemented by any approach that compares vehicle detections with V2I communications by the RSE to identify vehicles that are not equipped or are otherwise unable to communicate with the RSE.
ADOT Mainline Detection	ADOT Roadside Comm Equipment	video surveillance coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control video surveillance systems and the high fidelity, real-time traffic images and associated meta data that are returned.
ADOT Mainline Detection	ADOT Roadside Comm Equipment	work zone warning notification	Planned	Notification of a work zone emergency or safety issue. This flow identifies that a work zone emergency or safety issue has occurred so that warnings may be generated by more than one system in the work zone.
ADOT Mainline Detection	ADOT Systems Maintenance	field equipment status	Existing	Reports from field equipment (sensors, signals, signs, controllers, etc.) which indicate current operational status.
ADOT Mainline Detection	ADOT Systems Maintenance	signal control status	Existing	Operational and status data of traffic signal control equipment including operating condition and current indications.
ADOT Mainline Detection	ADOT Systems Maintenance	signal fault data	Existing	Faults reported by traffic signal control equipment.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Mainline Detection	ADOT Systems Maintenance	traffic detector data	Existing	Raw and/or processed traffic detector data which allows derivation of traffic flow variables (e.g., speed, volume, and density measures) and associated information (e.g., congestion, potential incidents). This flow includes the traffic data and the operational status of the traffic detectors
ADOT Mainline Detection	ADOT TOC and EMC	automated lane status	Planned	Current operational status of lanes supporting automated vehicle operations. The flow includes the status of the RSEs, associated field equipment, and vehicles using the facility.
ADOT Mainline Detection	ADOT TOC and EMC	barrier system status	Planned	Current operating status of barrier systems. Barrier systems represent gates, barriers and other automated or remotely controlled systems used to manage entry to roadways. Status of the systems includes operating condition and current operational state.
ADOT Mainline Detection	ADOT TOC and EMC	environmental monitoring application status	Planned	Environmental monitoring application status reported by the RSE. This includes current operational state and status of the RSE and a record of system operation.
ADOT Mainline Detection	ADOT TOC and EMC	environmental sensor data	Existing	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
ADOT Mainline Detection	ADOT TOC and EMC	environmental situation data	Planned	Aggregated and filtered vehicle environmental data collected from vehicle safety and convenience systems including measured air temperature, exterior light status, wiper status, sun sensor status, rain sensor status, traction control status, anti-lock brake status, and other collected vehicle system status and sensor information. This information flow represents the aggregated and filtered environmental data sets that are provided by the RSE to the back office center. Depending on the RSE configuration and implementation, the data set may also include environmental sensor station data collected by the RSE.
ADOT Mainline Detection	ADOT TOC and EMC	intersection management application status	Planned	Infrastructure application status reported by the RSE. This includes current operational state and status of the RSE and a log of operations.
ADOT Mainline Detection	ADOT TOC and EMC	lane management information	Planned	System status of managed lanes including current operational state, violations, and logged information. This includes lane usage information including both traditional traffic flow measures and special information associated with managed lanes such as measured passenger occupancies. It also includes the operational status of the lane management equipment.
ADOT Mainline Detection	ADOT TOC and EMC	passive vehicle monitoring data	Planned	Time stamped identifiers that identify the vehicles that have passed through a detection zone.
ADOT Mainline Detection	ADOT TOC and EMC	rail crossing status	Planned	Status of the highway-rail intersection equipment including both the current state or mode of operation and the current equipment condition.
ADOT Mainline Detection	ADOT TOC and EMC	reversible lane status	Planned	Current reversible lane status including traffic sensor and surveillance data and the operational status and mode of the reversible lane control equipment.
ADOT Mainline Detection	ADOT TOC and EMC	right-of-way request notification	Planned	Notice that a request has occurred for signal prioritization, signal preemption, pedestrian call, multi-modal crossing activation, or other source for right-of-way.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Mainline Detection	ADOT TOC and EMC	road closure application status	Planned	Road closure application status reported by the RSE. This includes current operational state and status of the RSE, closure status, and a log of closure commands received and issued. For closures that allow entry by selected vehicles, this flow provides an access log identifying vehicles that have requested access with access status.
ADOT Mainline Detection	ADOT TOC and EMC	roadway advisory radio status	Planned	Current operating status of highway advisory radios.
ADOT Mainline Detection	ADOT TOC and EMC	roadway warning system status	Planned	Current operating status of roadway warning systems.
ADOT Mainline Detection	ADOT TOC and EMC	safeguard system status	Planned	Current operating status of safeguard systems (remotely controlled equipment used to mitigate the impact of incidents on transportation infrastructure, such as blast shields, exhaust systems, etc.). Status of the systems includes operating condition and current operational state.
ADOT Mainline Detection	ADOT TOC and EMC	signal control status	Existing	Operational and status data of traffic signal control equipment including operating condition and current indications.
ADOT Mainline Detection	ADOT TOC and EMC	signal fault data	Existing	Faults reported by traffic signal control equipment.
ADOT Mainline Detection	ADOT TOC and EMC	speed management application status	Planned	Speed management application status reported by the RSE. This includes current operational state and status of the RSE and a record of measured vehicle speeds and current speed targets, advisories, and limits.
ADOT Mainline Detection	ADOT TOC and EMC	speed monitoring information	Planned	System status including current operational state and logged information including measured speeds, warning messages displayed, and violation records.
ADOT Mainline Detection	ADOT TOC and EMC	traffic detector data	Existing	Raw and/or processed traffic detector data which allows derivation of traffic flow variables (e.g., speed, volume, and density measures) and associated information (e.g., congestion, potential incidents). This flow includes the traffic data and the operational status of the traffic detectors
ADOT Mainline Detection	ADOT TOC and EMC	traffic image meta data	Planned	Meta data that describes traffic images. Traffic images (video) are in another flow.
ADOT Mainline Detection	ADOT TOC and EMC	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT Mainline Detection	ADOT TOC and EMC	traffic metering status	Existing	Current operational status and operating parameters for ramp meters, interchange meters, mainline meters and other control equipment associated with roadway metering operations.
ADOT Mainline Detection	ADOT TOC and EMC	traffic situation data	Planned	Current, aggregate traffic data collected from connected vehicles that can be used to supplement or replace information collected by roadside traffic detectors. It includes raw and/or processed reported vehicle speeds, counts, and other derived measures. Raw and/or filtered vehicle control events may also be included to support incident detection.
ADOT Mainline Detection	ADOT TOC and EMC	variable speed limit status	Existing	Current operating status of the variable speed limit systems including the state of the equipment.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Mainline Detection	ADOT TOC and EMC	vehicle signage application status	Planned	In-vehicle signing application status reported by the RSE. This includes current operational state and status of the RSE and a log of messages sent to passing vehicles.
ADOT Mainline Detection	ADOT TOC and EMC	wrong way vehicle detected	Planned	Notification that a vehicle has been detected traveling in the wrong direction. This can be a direct report by an equipped vehicle that is being driven in the wrong direction or a report of a non-equipped vehicle that has been detected traveling in the wrong direction. It includes the current location, speed, acceleration, and heading of the wrong way vehicle.
ADOT Mainline Detection	AZTech RADS Data Archive	passive vehicle monitoring data	Planned	Time stamped identifiers that identify the vehicles that have passed through a detection zone.
ADOT Mainline Detection	AZTech RADS Data Archive	reversible lane status	Planned	Current reversible lane status including traffic sensor and surveillance data and the operational status and mode of the reversible lane control equipment.
ADOT Maintenance and Construction Vehicles	ADOT Engineering Districts	environmental sensor data	Existing	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
ADOT Maintenance and Construction Vehicles	ADOT Engineering Districts	maint and constr dispatch status	Planned	Current maintenance and construction status including work data, operator status, crew status, and equipment status.
ADOT Maintenance and Construction Vehicles	ADOT Engineering Districts	maint and constr vehicle conditions	Existing	Vehicle diagnostics information that is collected, filtered, and selectively reported by a maintenance and construction vehicle. The information includes engine temperature, mileage, tire wear, brake wear, belt wear, and any warnings or alarms concerning the operational condition of the vehicle and ancillary equipment.
ADOT Maintenance and Construction Vehicles	ADOT Engineering Districts	maint and constr vehicle location data	Existing	The current location and related status (e.g., direction and speed) of the maintenance/construction vehicle.
ADOT Maintenance and Construction Vehicles	ADOT Engineering Districts	maint and constr vehicle operational data	Planned	Data that describes the maintenance and construction activity performed by the vehicle. Operational data includes materials usage (amount stored and current application rate), operational state of the maintenance equipment (e.g., blade up/down, spreader pattern), vehicle safety status, and other measures associated with the operation of a maintenance, construction, or other special purpose vehicle. Operational data may include basic operational status of the vehicle equipment or a more precise record of the work performed (e.g., application of crack sealant with precise locations and application characteristics).
ADOT Maintenance and Construction Vehicles	ADOT Maintenance Work Zone Field Equipment	roadway dynamic signage data	Planned	Information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support remote management of these devices.
ADOT Maintenance and Construction Vehicles	ADOT Maintenance Work Zone Field Equipment	work zone warning notification	Planned	Notification of a work zone emergency or safety issue. This flow identifies that a work zone emergency or safety issue has occurred so that warnings may be generated by more than one system in the work zone.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Maintenance and Construction Vehicles	ADOT Regional Traffic Operations	environmental sensor data	Existing	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
ADOT Maintenance and Construction Vehicles	ADOT Regional Traffic Operations	maint and constr dispatch status	Existing	Current maintenance and construction status including work data, operator status, crew status, and equipment status.
ADOT Maintenance and Construction Vehicles	ADOT Regional Traffic Operations	maint and constr vehicle conditions	Existing	Vehicle diagnostics information that is collected, filtered, and selectively reported by a maintenance and construction vehicle. The information includes engine temperature, mileage, tire wear, brake wear, belt wear, and any warnings or alarms concerning the operational condition of the vehicle and ancillary equipment.
ADOT Maintenance and Construction Vehicles	ADOT Regional Traffic Operations	maint and constr vehicle location data	Existing	The current location and related status (e.g., direction and speed) of the maintenance/construction vehicle.
ADOT Maintenance and Construction Vehicles	ADOT Regional Traffic Operations	maint and constr vehicle operational data	Existing	Data that describes the maintenance and construction activity performed by the vehicle. Operational data includes materials usage (amount stored and current application rate), operational state of the maintenance equipment (e.g., blade up/down, spreader pattern), vehicle safety status, and other measures associated with the operation of a maintenance, construction, or other special purpose vehicle. Operational data may include basic operational status of the vehicle equipment or a more precise record of the work performed (e.g., application of crack sealant with precise locations and application characteristics).
ADOT Maintenance Work Zone Field Equipment	ADOT ITS Field Equipment	field equipment commands	Existing	System-level control commands issued to field equipment such as reset and remote diagnostics.
ADOT Maintenance Work Zone Field Equipment	ADOT ITS Field Equipment	field equipment configuration settings	Existing	Control settings and parameters that are used to configure field equipment.
ADOT Maintenance Work Zone Field Equipment	ADOT ITS Field Equipment	field equipment software install/upgrade	Existing	This flow supports installation and update of software residing in ITS roadway equipment. It supports download of the software installation files, including executable code and associated support files.
ADOT Maintenance Work Zone Field Equipment	ADOT Maintenance and Construction Vehicles	roadway dynamic signage status	Planned	Current operating status of dynamic message signs.
ADOT Maintenance Work Zone Field Equipment	ADOT Maintenance and Construction Vehicles	work zone warning notification	Planned	Notification of a work zone emergency or safety issue. This flow identifies that a work zone emergency or safety issue has occurred so that warnings may be generated by more than one system in the work zone.
ADOT Maintenance Work Zone Field Equipment	ADOT Roadside Comm Equipment	dynamic sign coordination	Existing	The direct flow of information between field equipment. This includes information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support local management of these devices. Current operating status of dynamic message signs is returned.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Maintenance Work Zone Field Equipment	ADOT Roadside Comm Equipment	environmental sensor coordination	Existing	The direct flow of information between field equipment. This includes configuration and control of environmental sensors and the current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
ADOT Maintenance Work Zone Field Equipment	ADOT Roadside Comm Equipment	field equipment commands	Existing	System-level control commands issued to field equipment such as reset and remote diagnostics.
ADOT Maintenance Work Zone Field Equipment	ADOT Roadside Comm Equipment	field equipment configuration settings	Existing	Control settings and parameters that are used to configure field equipment.
ADOT Maintenance Work Zone Field Equipment	ADOT Roadside Comm Equipment	field equipment software install/upgrade	Existing	This flow supports installation and update of software residing in ITS roadway equipment. It supports download of the software installation files, including executable code and associated support files.
ADOT Maintenance Work Zone Field Equipment	ADOT Roadside Comm Equipment	lane management coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control dynamic lane management systems and the status of managed lanes including current operational state, violations, and logged information. This also includes lane usage information including both traditional traffic flow measures and special information associated with managed lanes such as measured passenger occupancies. It also includes the operational status of the lane management equipment.
ADOT Maintenance Work Zone Field Equipment	ADOT Roadside Comm Equipment	local priority request coordination	Existing	The direct flow of information between field equipment. This includes notification of crossing calls from pedestrians and other vulnerable road users and requests for signal prioritization or preemption, and any other request for right-of-way at an intersection. The status of the priority request is also shared. For vulnerable road users, this includes information provided to guide and warn vulnerable road users at crossings including crossing permission status and crossing time remaining.
ADOT Maintenance Work Zone Field Equipment	ADOT Roadside Comm Equipment	passive vehicle monitoring coordination	Planned	The direct flow of information between field equipment. This includes control commands used to control detection systems that rely on infrastructure-based identification of individual vehicles to measure travel times and other related measures by identifying the same vehicle at different points in the network. Related technologies include Bluetooth readers and license plate recognition systems. The coordination also includes sharing of time stamped identifiers that identify the vehicles that have passed through a detection zone.
ADOT Maintenance Work Zone Field Equipment	ADOT Roadside Comm Equipment	reversible lane coordination	Planned	The direct flow of information between field equipment. This includes control of automated reversible lane configuration and driver information systems and current reversible lane status including the operational status and mode of the reversible lane control equipment.
ADOT Maintenance Work Zone Field Equipment	ADOT Roadside Comm Equipment	roadway dynamic signage data	Planned	Information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support remote management of these devices.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Maintenance Work Zone Field Equipment	ADOT Roadside Comm Equipment	roadway treatment coordination	Existing	The direct flow of information between field equipment. This includes control data for remotely located, automated devices, that treat the road surface (e.g., de-icing applications) and the current operational status of automated roadway treatment devices.
ADOT Maintenance Work Zone Field Equipment	ADOT Roadside Comm Equipment	roadway warning coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control roadway warning systems and the current operating status of roadway warning systems.
ADOT Maintenance Work Zone Field Equipment	ADOT Roadside Comm Equipment	signal control coordination	Existing	The direct flow of information between field equipment. This includes configuration and control of traffic signal controllers or field masters. Configuration data and operational status of traffic signal control equipment including operating condition and current indications are returned.
ADOT Maintenance Work Zone Field Equipment	ADOT Roadside Comm Equipment	traffic detector coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control traffic detector systems such as inductive loop detectors and machine vision sensors. Raw and/or processed traffic detector data is returned that allows derivation of traffic flow variables (e.g., speed, volume, and density measures) and associated information (e.g., congestion, potential incidents). This flow includes the traffic data and the operational status of the traffic detectors.
ADOT Maintenance Work Zone Field Equipment	ADOT Roadside Comm Equipment	traffic metering coordination	Existing	The direct flow of information between field equipment. This includes control commands and operating parameters for ramp meters, interchange meters, mainline meters, and other systems equipment associated with roadway metering operations. Current operational status of the traffic metering status is also provided.
ADOT Maintenance Work Zone Field Equipment	ADOT Roadside Comm Equipment	traffic situation data	Planned	Current, aggregate traffic data collected from connected vehicles that can be used to supplement or replace information collected by roadside traffic detectors. It includes raw and/or processed reported vehicle speeds, counts, and other derived measures. Raw and/or filtered vehicle control events may also be included to support incident detection.
ADOT Maintenance Work Zone Field Equipment	ADOT Roadside Comm Equipment	variable speed limit coordination	Existing	The direct flow of information between field equipment. This includes information used to configure, control, and monitor variable speed limit systems including the equipment used to provide current speed limits and other information to drivers.
ADOT Maintenance Work Zone Field Equipment	ADOT Roadside Comm Equipment	video surveillance coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control video surveillance systems and the high fidelity, real-time traffic images and associated meta data that are returned.
ADOT Maintenance Work Zone Field Equipment	ADOT Roadside Comm Equipment	work zone warning notification	Planned	Notification of a work zone emergency or safety issue. This flow identifies that a work zone emergency or safety issue has occurred so that warnings may be generated by more than one system in the work zone.
ADOT Maintenance Work Zone Field Equipment	ADOT Systems Maintenance	environmental sensor data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Maintenance Work Zone Field Equipment	ADOT Systems Maintenance	field equipment status	Existing	Reports from field equipment (sensors, signals, signs, controllers, etc.) which indicate current operational status.
ADOT Maintenance Work Zone Field Equipment	ADOT Systems Maintenance	roadway dynamic signage status	Existing	Current operating status of dynamic message signs.
ADOT Maintenance Work Zone Field Equipment	ADOT Systems Maintenance	roadway treatment system status	Planned	Current operational status of automated roadway treatment devices (e.g., anti-icing systems).
ADOT Maintenance Work Zone Field Equipment	ADOT Systems Maintenance	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT Maintenance Work Zone Field Equipment	ADOT Systems Maintenance	vehicle signage application status	Planned	In-vehicle signing application status reported by the RSE. This includes current operational state and status of the RSE and a log of messages sent to passing vehicles.
ADOT Maintenance Work Zone Field Equipment	ADOT Systems Maintenance	work zone safety application status	Planned	Work zone safety application status reported by the RSE. This includes current operational state and status of the RSE and a record of identified work zone safety alerts and warnings issued.
ADOT Maintenance Work Zone Field Equipment	ADOT Systems Maintenance	work zone warning status	Planned	Status of a work zone safety monitoring and warning devices. This flow documents system activations and includes additional supporting information (e.g., an image) that allows verification of the alarm.
ADOT Maintenance Work Zone Field Equipment	ADOT Systems Maintenance Vehicles	roadway dynamic signage status	Planned	Current operating status of dynamic message signs.
ADOT Maintenance Work Zone Field Equipment	ADOT Systems Maintenance Vehicles	work zone warning notification	Planned	Notification of a work zone emergency or safety issue. This flow identifies that a work zone emergency or safety issue has occurred so that warnings may be generated by more than one system in the work zone.
ADOT Maintenance Work Zone Field Equipment	ADOT TOC and EMC	automated lane status	Planned	Current operational status of lanes supporting automated vehicle operations. The flow includes the status of the RSEs, associated field equipment, and vehicles using the facility.
ADOT Maintenance Work Zone Field Equipment	ADOT TOC and EMC	environmental monitoring application status	Planned	Environmental monitoring application status reported by the RSE. This includes current operational state and status of the RSE and a record of system operation.
ADOT Maintenance Work Zone Field Equipment	ADOT TOC and EMC	environmental sensor data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
ADOT Maintenance Work Zone Field Equipment	ADOT TOC and EMC	environmental situation data	Planned	Aggregated and filtered vehicle environmental data collected from vehicle safety and convenience systems including measured air temperature, exterior light status, wiper status, sun sensor status, rain sensor status, traction control status, anti-lock brake status, and other collected vehicle system status and sensor information. This information flow represents the aggregated and filtered environmental data sets that are provided by the RSE to the back office center. Depending on the RSE configuration and implementation, the data set may also include environmental sensor station data collected by the RSE.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Maintenance Work Zone Field Equipment	ADOT TOC and EMC	lane management information	Planned	System status of managed lanes including current operational state, violations, and logged information. This includes lane usage information including both traditional traffic flow measures and special information associated with managed lanes such as measured passenger occupancies. It also includes the operational status of the lane management equipment.
ADOT Maintenance Work Zone Field Equipment	ADOT TOC and EMC	lighting system status	Existing	Status of roadside lighting controls including operating condition and current operational state.
ADOT Maintenance Work Zone Field Equipment	ADOT TOC and EMC	passive vehicle monitoring data	Planned	Time stamped identifiers that identify the vehicles that have passed through a detection zone.
ADOT Maintenance Work Zone Field Equipment	ADOT TOC and EMC	reversible lane status	Planned	Current reversible lane status including traffic sensor and surveillance data and the operational status and mode of the reversible lane control equipment.
ADOT Maintenance Work Zone Field Equipment	ADOT TOC and EMC	right-of-way request notification	Planned	Notice that a request has occurred for signal prioritization, signal preemption, pedestrian call, multi-modal crossing activation, or other source for right-of-way.
ADOT Maintenance Work Zone Field Equipment	ADOT TOC and EMC	road closure application status	Planned	Road closure application status reported by the RSE. This includes current operational state and status of the RSE, closure status, and a log of closure commands received and issued. For closures that allow entry by selected vehicles, this flow provides an access log identifying vehicles that have requested access with access status.
ADOT Maintenance Work Zone Field Equipment	ADOT TOC and EMC	roadway dynamic signage status	Existing	Current operating status of dynamic message signs.
ADOT Maintenance Work Zone Field Equipment	ADOT TOC and EMC	roadway warning system status	Planned	Current operating status of roadway warning systems.
ADOT Maintenance Work Zone Field Equipment	ADOT TOC and EMC	safeguard system status	Planned	Current operating status of safeguard systems (remotely controlled equipment used to mitigate the impact of incidents on transportation infrastructure, such as blast shields, exhaust systems, etc.). Status of the systems includes operating condition and current operational state.
ADOT Maintenance Work Zone Field Equipment	ADOT TOC and EMC	speed management application status	Planned	Speed management application status reported by the RSE. This includes current operational state and status of the RSE and a record of measured vehicle speeds and current speed targets, advisories, and limits.
ADOT Maintenance Work Zone Field Equipment	ADOT TOC and EMC	speed monitoring information	Planned	System status including current operational state and logged information including measured speeds, warning messages displayed, and violation records.
ADOT Maintenance Work Zone Field Equipment	ADOT TOC and EMC	traffic detector data	Existing	Raw and/or processed traffic detector data which allows derivation of traffic flow variables (e.g., speed, volume, and density measures) and associated information (e.g., congestion, potential incidents). This flow includes the traffic data and the operational status of the traffic detectors
ADOT Maintenance Work Zone Field Equipment	ADOT TOC and EMC	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT Maintenance Work Zone Field Equipment	ADOT TOC and EMC	traffic metering status	Planned	Current operational status and operating parameters for ramp meters, interchange meters, mainline meters and other control equipment associated with roadway metering operations.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Maintenance Work Zone Field Equipment	ADOT TOC and EMC	traffic situation data	Planned	Current, aggregate traffic data collected from connected vehicles that can be used to supplement or replace information collected by roadside traffic detectors. It includes raw and/or processed reported vehicle speeds, counts, and other derived measures. Raw and/or filtered vehicle control events may also be included to support incident detection.
ADOT Maintenance Work Zone Field Equipment	ADOT TOC and EMC	variable speed limit status	Planned	Current operating status of the variable speed limit systems including the state of the equipment.
ADOT Maintenance Work Zone Field Equipment	ADOT TOC and EMC	vehicle signage application status	Planned	In-vehicle signing application status reported by the RSE. This includes current operational state and status of the RSE and a log of messages sent to passing vehicles.
ADOT Maintenance Work Zone Field Equipment	ADOT TOC Data Archive	local situation data	Planned	This general flow represents the traffic, environmental, and emissions situation data that is collected from connected vehicles by an RSE, aggregated, filtered, and provided to a back-office center. It also includes data collected from ITS roadway equipment that provides current intersection and road network status for the area proximate to the RSE.
ADOT Maintenance Work Zone Field Equipment	ADOT TOC Data Archive	roadside archive data	Planned	A broad set of data derived from roadside sensors that includes current traffic conditions, environmental conditions, and any other data that can be directly collected by roadside sensors. This data also indicates the status of the sensors and reports of any identified sensor faults.
ADOT Maintenance Work Zone Field Equipment	Private Vehicle OBE	vehicle signage data	Planned	In-vehicle signing data that augments regulatory, warning, and informational road signs and signals. The information provided would include static sign information (e.g., stop, curve warning, guide signs, service signs, and directional signs) and dynamic information (e.g., local traffic and road conditions, restrictions, vehicle requirements, work zones, detours, closures, advisories, and warnings).
ADOT Motor Vehicle Division (MVD) Database	ADEQ Arizona Emissions Management	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
ADOT Motor Vehicle Division (MVD) Database	ADOT ECD CVO Administration Center	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
ADOT Motor Vehicle Division (MVD) Database	ADOT HPMS Data Archive	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
ADOT Motor Vehicle Division (MVD) Database	ADOT MVD Commercial Vehicle Administration	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
ADOT Motor Vehicle Division (MVD) Database	ADOT MVD Commercial Vehicle Administration	registration	Planned	Registered owner of vehicle and associated vehicle information.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Motor Vehicle Division (MVD) Database	ADOT TOC and EMC	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
ADOT Motor Vehicle Division (MVD) Database	ADOT TOC Data Archive	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
ADOT Motor Vehicle Division (MVD) Database	Archive Data Users	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
ADOT Motor Vehicle Division (MVD) Database	CHP Dispatch	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
ADOT Motor Vehicle Division (MVD) Database	Cities and Towns Police and Fire Dispatch	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
ADOT Motor Vehicle Division (MVD) Database	Commercial Vehicle Driver and Vehicle Verification Systems	archive coordination	Existing	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
ADOT Motor Vehicle Division (MVD) Database	Commercial Vehicle Driver and Vehicle Verification Systems	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
ADOT Motor Vehicle Division (MVD) Database	Commercial Vehicle Driver and Vehicle Verification Systems	registration	Planned	Registered owner of vehicle and associated vehicle information.
ADOT Motor Vehicle Division (MVD) Database	County Sheriff Dispatch	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
ADOT Motor Vehicle Division (MVD) Database	DEMA Data User Systems	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
ADOT Motor Vehicle Division (MVD) Database	DEMA SEOC Arizona DEM Military Affairs	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
ADOT Motor Vehicle Division (MVD) Database	DPS Commercial Vehicle Enforcement	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Motor Vehicle Division (MVD) Database	DPS Commercial Vehicle Enforcement	registration	Planned	Registered owner of vehicle and associated vehicle information.
ADOT Motor Vehicle Division (MVD) Database	International Fuel Tax Agreement (IFTA) Clearinghouse	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
ADOT Motor Vehicle Division (MVD) Database	International Fuel Tax Agreement (IFTA) Clearinghouse	registration	Planned	Registered owner of vehicle and associated vehicle information.
ADOT Motor Vehicle Division (MVD) Database	International Registration Plan (IRP) Clearinghouse	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
ADOT Motor Vehicle Division (MVD) Database	International Registration Plan (IRP) Clearinghouse	registration	Planned	Registered owner of vehicle and associated vehicle information.
ADOT Motor Vehicle Division (MVD) Database	POE Data Archive	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
ADOT Motor Vehicle Division (MVD) Database	Safety Fitness Electronic Record (SAFER)	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
ADOT Motor Vehicle Division (MVD) Database	Tribal Public Safety Dispatch	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
ADOT Motor Vehicle Division (MVD) Database	US Border Patrol Dispatch	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
ADOT Motor Vehicle Division (MVD) Database	Utah State Police Dispatch	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
ADOT MVD Commercial Vehicle Administration	ADOT ECD CVO Administration Center	commercial vehicle incident notification	Planned	Information about a Commercial Vehicle or Freight Equipment breach, non-permitted security sensitive hazmat detected at the roadside, route deviation, or Commercial Vehicle Driver / Commercial Vehicle / Freight Equipment assignment mismatches which includes the location of the Commercial Vehicle and appropriate identities. May carry information that enables incident reporting to responders, and also includes the type of vehicle and cargo concerned.
ADOT MVD Commercial Vehicle Administration	ADOT ECD CVO Administration Center	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT MVD Commercial Vehicle Administration	ADOT ECD CVO Administration Center	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	ADOT ECD CVO Administration Center	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	ADOT Electronic Bypass Stations	carrier participation report	Planned	Report that summarizes motor carrier participation in CVO programs. Used to identify the level of active participation and to report which enrolled carriers are not participating as expected.
ADOT MVD Commercial Vehicle Administration	ADOT Electronic Bypass Stations	commercial vehicle permit information	Existing	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	ADOT Electronic Bypass Stations	credentials information	Planned	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	ADOT Electronic Bypass Stations	credentials status information	Planned	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	ADOT Electronic Bypass Stations	cv driver record	Planned	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	ADOT Electronic Bypass Stations	safety status information	Planned	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT MVD Commercial Vehicle Administration	ADOT Electronic Bypass Stations	targeted list	Planned	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.
ADOT MVD Commercial Vehicle Administration	ADOT Motor Vehicle Division (MVD) Database	commercial vehicle archive data	Existing	Information describing commercial vehicle travel and commodity flow characteristics. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADOT MVD Commercial Vehicle Administration	ADOT WIM Stations	commercial vehicle permit information	Existing	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	ADOT WIM Stations	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	ADOT WIM Stations	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	ADOT WIM Stations	cv driver record	Existing	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	ADOT WIM Stations	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	ADOT WIM Stations	targeted list	Existing	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.
ADOT MVD Commercial Vehicle Administration	Commercial Vehicle Driver and Vehicle Verification Systems	accident report	Planned	Report of commercial vehicle safety accident. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	Commercial Vehicle Driver and Vehicle Verification Systems	border clearance status	Existing	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT MVD Commercial Vehicle Administration	Commercial Vehicle Driver and Vehicle Verification Systems	citation	Planned	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	Commercial Vehicle Driver and Vehicle Verification Systems	commercial vehicle archive data	Existing	Information describing commercial vehicle travel and commodity flow characteristics. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADOT MVD Commercial Vehicle Administration	Commercial Vehicle Driver and Vehicle Verification Systems	commercial vehicle permit information	Planned	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	Commercial Vehicle Driver and Vehicle Verification Systems	credential fee coordination	Planned	Description of fees, taxes and similar charges related to commercial vehicle credentials. In US and Canada, this includes rates for credentials that are exchanged between agencies via IRP, IFTA, etc.
ADOT MVD Commercial Vehicle Administration	Commercial Vehicle Driver and Vehicle Verification Systems	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	Commercial Vehicle Driver and Vehicle Verification Systems	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	Commercial Vehicle Driver and Vehicle Verification Systems	cv driver record	Planned	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	Commercial Vehicle Driver and Vehicle Verification Systems	route restrictions	Planned	Information about routes, road segments, and areas that do not allow the transport of security sensitive hazmat cargoes or include other restrictions (such as height or weight limits).
ADOT MVD Commercial Vehicle Administration	Commercial Vehicle Driver and Vehicle Verification Systems	safety inspection report	Existing	Report containing results of commercial vehicle safety inspection. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT MVD Commercial Vehicle Administration	Commercial Vehicle Driver and Vehicle Verification Systems	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	Commercial Vehicles	safety inspection record	Planned	Record containing results of commercial vehicle safety inspection.
ADOT MVD Commercial Vehicle Administration	DEMA Enforcement	accident report	Existing	Report of commercial vehicle safety accident. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	DEMA Enforcement	citation	Existing	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	DEMA Enforcement	commercial vehicle permit information	Existing	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	DEMA Enforcement	commercial vehicle violation notification	Existing	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.
ADOT MVD Commercial Vehicle Administration	DEMA Enforcement	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	DEMA Enforcement	daily site activity data	Existing	Record of daily activities at commercial vehicle check stations including summaries of screening events and inspections.
ADOT MVD Commercial Vehicle Administration	DEMA Enforcement	safety inspection report	Existing	Report containing results of commercial vehicle safety inspection. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT MVD Commercial Vehicle Administration	DEMA Enforcement	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	DPS Commercial Vehicle Enforcement	accident report	Existing	Report of commercial vehicle safety accident. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	DPS Commercial Vehicle Enforcement	border clearance status	Existing	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.
ADOT MVD Commercial Vehicle Administration	DPS Commercial Vehicle Enforcement	carrier participation report	Planned	Report that summarizes motor carrier participation in CVO programs. Used to identify the level of active participation and to report which enrolled carriers are not participating as expected.
ADOT MVD Commercial Vehicle Administration	DPS Commercial Vehicle Enforcement	citation	Existing	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	DPS Commercial Vehicle Enforcement	commercial vehicle permit information	Existing	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	DPS Commercial Vehicle Enforcement	commercial vehicle violation notification	Existing	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.
ADOT MVD Commercial Vehicle Administration	DPS Commercial Vehicle Enforcement	credential fee coordination	Planned	Description of fees, taxes and similar charges related to commercial vehicle credentials. In US and Canada, this includes rates for credentials that are exchanged between agencies via IRP, IFTA, etc.
ADOT MVD Commercial Vehicle Administration	DPS Commercial Vehicle Enforcement	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT MVD Commercial Vehicle Administration	DPS Commercial Vehicle Enforcement	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	DPS Commercial Vehicle Enforcement	cv driver record	Planned	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	DPS Commercial Vehicle Enforcement	daily site activity data	Existing	Record of daily activities at commercial vehicle check stations including summaries of screening events and inspections.
ADOT MVD Commercial Vehicle Administration	DPS Commercial Vehicle Enforcement	route restrictions	Planned	Information about routes, road segments, and areas that do not allow the transport of security sensitive hazmat cargoes or include other restrictions (such as height or weight limits).
ADOT MVD Commercial Vehicle Administration	DPS Commercial Vehicle Enforcement	safety inspection report	Existing	Report containing results of commercial vehicle safety inspection. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	DPS Commercial Vehicle Enforcement	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	DPS Roadside Safety Inspection	accident report	Existing	Report of commercial vehicle safety accident. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	DPS Roadside Safety Inspection	carrier participation report	Existing	Report that summarizes motor carrier participation in CVO programs. Used to identify the level of active participation and to report which enrolled carriers are not participating as expected.
ADOT MVD Commercial Vehicle Administration	DPS Roadside Safety Inspection	citation	Existing	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	DPS Roadside Safety Inspection	commercial vehicle permit information	Existing	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT MVD Commercial Vehicle Administration	DPS Roadside Safety Inspection	commercial vehicle violation notification	Existing	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.
ADOT MVD Commercial Vehicle Administration	DPS Roadside Safety Inspection	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	DPS Roadside Safety Inspection	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	DPS Roadside Safety Inspection	cv driver record	Existing	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	DPS Roadside Safety Inspection	daily site activity data	Existing	Record of daily activities at commercial vehicle check stations including summaries of screening events and inspections.
ADOT MVD Commercial Vehicle Administration	DPS Roadside Safety Inspection	safety inspection report	Existing	Report containing results of commercial vehicle safety inspection. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	DPS Roadside Safety Inspection	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	DPS Roadside Safety Inspection	targeted list	Existing	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.
ADOT MVD Commercial Vehicle Administration	Financial Institution	payment request	Planned	Request for payment from financial institution or related financial service requests (e.g., balance inquiry)
ADOT MVD Commercial Vehicle Administration	Fleet Management Systems	border clearance status	Existing	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT MVD Commercial Vehicle Administration	Fleet Management Systems	citation	Existing	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	Fleet Management Systems	commercial vehicle permit	Planned	Commercial vehicle permits including those for oversize, overweight, or hazmat shipments.
ADOT MVD Commercial Vehicle Administration	Fleet Management Systems	compliance review report	Planned	Report containing results of carrier compliance review, including concomitant out-of-service notifications, carrier warnings/notifications. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	Fleet Management Systems	credentials information	Planned	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	Fleet Management Systems	credentials status information	Planned	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	Fleet Management Systems	cv driver record	Planned	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	Fleet Management Systems	route restrictions	Planned	Information about routes, road segments, and areas that do not allow the transport of security sensitive hazmat cargoes or include other restrictions (such as height or weight limits).
ADOT MVD Commercial Vehicle Administration	Fleet Management Systems	safety status information	Planned	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	Fleet Management Systems	trigger area	Planned	A geographic area a commercial motor vehicle crosses into, which initiates a request to compile and transmit a safety data message. May be associated with a time period.
ADOT MVD Commercial Vehicle Administration	Fleet Management Systems	trigger area notification	Planned	Notification to activate wireless roadside inspection safety data message collection.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT MVD Commercial Vehicle Administration	Freight Shipping System	border clearance status	Existing	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.
ADOT MVD Commercial Vehicle Administration	International Fuel Tax Agreement (IFTA) Clearinghouse	accident report	Planned	Report of commercial vehicle safety accident. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	International Fuel Tax Agreement (IFTA) Clearinghouse	border clearance status	Existing	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.
ADOT MVD Commercial Vehicle Administration	International Fuel Tax Agreement (IFTA) Clearinghouse	citation	Planned	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	International Fuel Tax Agreement (IFTA) Clearinghouse	commercial vehicle permit information	Planned	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	International Fuel Tax Agreement (IFTA) Clearinghouse	credential fee coordination	Planned	Description of fees, taxes and similar charges related to commercial vehicle credentials. In US and Canada, this includes rates for credentials that are exchanged between agencies via IRP, IFTA, etc.
ADOT MVD Commercial Vehicle Administration	International Fuel Tax Agreement (IFTA) Clearinghouse	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	International Fuel Tax Agreement (IFTA) Clearinghouse	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	International Fuel Tax Agreement (IFTA) Clearinghouse	cv driver record	Planned	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	International Fuel Tax Agreement (IFTA) Clearinghouse	route restrictions	Planned	Information about routes, road segments, and areas that do not allow the transport of security sensitive hazmat cargoes or include other restrictions (such as height or weight limits).

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT MVD Commercial Vehicle Administration	International Fuel Tax Agreement (IFTA) Clearinghouse	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	International Registration Plan (IRP) Clearinghouse	accident report	Planned	Report of commercial vehicle safety accident. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	International Registration Plan (IRP) Clearinghouse	border clearance status	Existing	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.
ADOT MVD Commercial Vehicle Administration	International Registration Plan (IRP) Clearinghouse	citation	Planned	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	International Registration Plan (IRP) Clearinghouse	commercial vehicle permit information	Planned	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	International Registration Plan (IRP) Clearinghouse	credential fee coordination	Planned	Description of fees, taxes and similar charges related to commercial vehicle credentials. In US and Canada, this includes rates for credentials that are exchanged between agencies via IRP, IFTA, etc.
ADOT MVD Commercial Vehicle Administration	International Registration Plan (IRP) Clearinghouse	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	International Registration Plan (IRP) Clearinghouse	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	International Registration Plan (IRP) Clearinghouse	cv driver record	Planned	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	International Registration Plan (IRP) Clearinghouse	route restrictions	Planned	Information about routes, road segments, and areas that do not allow the transport of security sensitive hazmat cargoes or include other restrictions (such as height or weight limits).

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT MVD Commercial Vehicle Administration	International Registration Plan (IRP) Clearinghouse	safety inspection report	Existing	Report containing results of commercial vehicle safety inspection. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	International Registration Plan (IRP) Clearinghouse	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	POE Administration Center	border clearance status	Existing	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.
ADOT MVD Commercial Vehicle Administration	POE Administration Center	client verification information	Existing	Information about carriers who have made border credential applications such as commercial drivers license information and carrier safety status.
ADOT MVD Commercial Vehicle Administration	POE Administration Center	screening results	Existing	Results of commercial vehicle screening event at a border crossing - reports clearance event data regarding action taken at border, including acceptance or override of system decision, and date/time stamp.
ADOT MVD Commercial Vehicle Administration	POE Data Archive	commercial vehicle archive data	Planned	Information describing commercial vehicle travel and commodity flow characteristics. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADOT MVD Commercial Vehicle Administration	Safety Fitness Electronic Record (SAFER)	accident report	Existing	Report of commercial vehicle safety accident. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	Safety Fitness Electronic Record (SAFER)	border clearance status	Planned	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.
ADOT MVD Commercial Vehicle Administration	Safety Fitness Electronic Record (SAFER)	citation	Existing	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	Safety Fitness Electronic Record (SAFER)	commercial vehicle permit information	Existing	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	Safety Fitness Electronic Record (SAFER)	commercial vehicle violation notification	Existing	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT MVD Commercial Vehicle Administration	Safety Fitness Electronic Record (SAFER)	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	Safety Fitness Electronic Record (SAFER)	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	Safety Fitness Electronic Record (SAFER)	daily site activity data	Existing	Record of daily activities at commercial vehicle check stations including summaries of screening events and inspections.
ADOT MVD Commercial Vehicle Administration	Safety Fitness Electronic Record (SAFER)	safety inspection report	Existing	Report containing results of commercial vehicle safety inspection. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
ADOT MVD Commercial Vehicle Administration	Safety Fitness Electronic Record (SAFER)	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
ADOT Rapid Notification System	ADOT Communications PIO	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT Rapid Notification System	ADOT Communications PIO	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT Rapid Notification System	ADOT Communications PIO	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Rapid Notification System	ADOT ECD Dispatch	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT Rapid Notification System	ADOT ECD Dispatch	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT Rapid Notification System	ADOT ECD Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT Rapid Notification System	ADOT Incident Response Unit (IRU)	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT Rapid Notification System	ADOT Incident Response Unit (IRU)	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT Rapid Notification System	ADOT Incident Response Unit (IRU)	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT Rapid Notification System	ADOT Incident Response Unit (IRU)	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Rapid Notification System	ADOT Incident Response Unit (IRU)	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT Rapid Notification System	Railroad Operations Center	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT Regional Traffic Operations	ADOT 511 Website	incident information for public	Existing	Report of current desensitized incident information prepared for public dissemination.
ADOT Regional Traffic Operations	ADOT 511 Website	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT Regional Traffic Operations	ADOT 511 Website	road weather information	Existing	Road conditions and weather information that are made available by road maintenance operations to other transportation system operators.
ADOT Regional Traffic Operations	ADOT Asset Management Systems	asset status update	Existing	Changes to status of pavement, bridges, signs and other assets resulting from maintenance or construction activities or infrastructure monitoring. The updates may include changes in installation information, materials information, vendor/contractor information, condition, and current maintenance status. In addition to infrastructure asset updates, the information provided may also include status of the maintenance and construction support assets, including vehicle and equipment utilization and repair records.
ADOT Regional Traffic Operations	ADOT Engineering Districts	equipment maintenance request	Planned	Identification of field equipment requiring repair and known information about the associated faults.
ADOT Regional Traffic Operations	ADOT Engineering Districts	maint and constr resource coordination	Planned	Request for road maintenance and construction resources that can be used in the diversion of traffic (cones, portable signs), clearance of a road hazard, repair of ancillary damage, or any other incident response.
ADOT Regional Traffic Operations	ADOT Engineering Districts	maint and constr resource request	Planned	Request for road maintenance and construction resources that can be used in the diversion of traffic (cones, portable signs), clearance of a road hazard, repair of ancillary damage, or any other incident response. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of resources.
ADOT Regional Traffic Operations	ADOT Engineering Districts	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT Regional Traffic Operations	ADOT Engineering Districts	road weather information	Planned	Road conditions and weather information that are made available by road maintenance operations to other transportation system operators.
ADOT Regional Traffic Operations	ADOT Engineering Districts	work plan coordination	Planned	Coordination of work plan schedules and activities between maintenance and construction organizations or systems. This information includes the work plan schedules and comments and suggested changes that are exchanged as work plans are coordinated and finalized.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Regional Traffic Operations	ADOT Engineering Districts	work plan feedback	Planned	Comments and suggested changes to proposed construction and maintenance work schedules and activities. This information influences work plan schedules so that they minimize impact to other system operations and the overall transportation system.
ADOT Regional Traffic Operations	ADOT ITS Field Equipment	environmental sensor control	Planned	Data used to configure and control environmental sensors.
ADOT Regional Traffic Operations	ADOT ITS Field Equipment	lane management control	Planned	Information used to configure and control dynamic lane management systems.
ADOT Regional Traffic Operations	ADOT ITS Field Equipment	passive vehicle monitoring control	Planned	Control commands used to control detection systems that rely on infrastructure-based identification of individual vehicles to measure travel times and other related measures by identifying the same vehicle at different points in the network. Related technologies include Bluetooth readers and license plate recognition systems.
ADOT Regional Traffic Operations	ADOT ITS Field Equipment	rail crossing control data	Planned	Data required for HRI information transmitted at railroad grade crossings and within railroad operations.
ADOT Regional Traffic Operations	ADOT ITS Field Equipment	rail crossing request	Planned	A request for highway-rail intersection status or a specific control request intended to modify HRI operation.
ADOT Regional Traffic Operations	ADOT ITS Field Equipment	reversible lane control	Planned	Control of automated reversible lane configuration and driver information systems.
ADOT Regional Traffic Operations	ADOT ITS Field Equipment	roadway dynamic signage data	Planned	Information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support remote management of these devices.
ADOT Regional Traffic Operations	ADOT ITS Field Equipment	roadway treatment system control	Planned	Control data for remotely located, automated devices, that treat the road surface (e.g., de-icing applications).
ADOT Regional Traffic Operations	ADOT ITS Field Equipment	roadway warning system control	Existing	Information used to configure and control roadway warning systems.
ADOT Regional Traffic Operations	ADOT ITS Field Equipment	safeguard system control	Planned	Data that controls safeguard systems (remotely controlled equipment used to mitigate the impact of incidents on transportation infrastructure, such as blast shields, exhaust systems, etc.).
ADOT Regional Traffic Operations	ADOT ITS Field Equipment	signal control commands	Planned	Control of traffic signal controllers or field masters including clock synchronization.
ADOT Regional Traffic Operations	ADOT ITS Field Equipment	signal control device configuration	Planned	Data used to configure traffic signal control equipment including local controllers and system masters.
ADOT Regional Traffic Operations	ADOT ITS Field Equipment	signal control plans	Planned	Traffic signal timing parameters including minimum green time and interval durations for basic operation and cycle length, splits, offset, phase sequence, etc. for coordinated systems.
ADOT Regional Traffic Operations	ADOT ITS Field Equipment	signal system configuration	Planned	Data used to configure traffic signal systems including configuring control sections and mode of operation (time based or traffic responsive).
ADOT Regional Traffic Operations	ADOT ITS Field Equipment	speed monitoring control	Planned	Information used to configure and control automated speed monitoring, speed warning, and speed enforcement systems.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Regional Traffic Operations	ADOT ITS Field Equipment	traffic detector control	Existing	Information used to configure and control traffic detector systems such as inductive loop detectors and machine vision sensors.
ADOT Regional Traffic Operations	ADOT ITS Field Equipment	variable speed limit control	Planned	Information used to configure and control variable speed limit systems including the equipment used to provide current speed limits and other information to drivers.
ADOT Regional Traffic Operations	ADOT ITS Field Equipment	video surveillance control	Existing	Information used to configure and control video surveillance systems.
ADOT Regional Traffic Operations	ADOT ITS Field Equipment	work zone warning device control	Planned	Data used to configure and control work zone safety monitoring and warning devices.
ADOT Regional Traffic Operations	ADOT Maintenance and Construction Vehicles	environmental sensor control	Existing	Data used to configure and control environmental sensors.
ADOT Regional Traffic Operations	ADOT Maintenance and Construction Vehicles	maint and constr dispatch information	Existing	Information used to dispatch maintenance and construction vehicles, equipment, and crews and information used to keep work zone crews informed. This information includes routing information, traffic information, road restrictions, incident information, environmental information, decision support information, maintenance schedule data, dispatch instructions, personnel assignments, alert notifications, and corrective actions.
ADOT Regional Traffic Operations	ADOT Maintenance and Construction Vehicles	maint and constr vehicle system control	Existing	Configure and control data that supports remote control of on-board maintenance and construction vehicle systems and field equipment that is remotely controlled by the vehicle. For example, the data can be used to adjust material application rates and spread patterns.
ADOT Regional Traffic Operations	ADOT Regional Traffic Ops Vehicles	maint and constr dispatch information	Existing	Information used to dispatch maintenance and construction vehicles, equipment, and crews and information used to keep work zone crews informed. This information includes routing information, traffic information, road restrictions, incident information, environmental information, decision support information, maintenance schedule data, dispatch instructions, personnel assignments, alert notifications, and corrective actions.
ADOT Regional Traffic Operations	ADOT Regional Traffic Ops Vehicles	maint and constr vehicle system control	Existing	Configure and control data that supports remote control of on-board maintenance and construction vehicle systems and field equipment that is remotely controlled by the vehicle. For example, the data can be used to adjust material application rates and spread patterns.
ADOT Regional Traffic Operations	ADOT Systems Maintenance	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT Regional Traffic Operations	ADOT Systems Maintenance	maint and constr resource coordination	Planned	Request for road maintenance and construction resources that can be used in the diversion of traffic (cones, portable signs), clearance of a road hazard, repair of ancillary damage, or any other incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Regional Traffic Operations	ADOT Systems Maintenance	maint and constr resource request	Planned	Request for road maintenance and construction resources that can be used in the diversion of traffic (cones, portable signs), clearance of a road hazard, repair of ancillary damage, or any other incident response. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of resources.
ADOT Regional Traffic Operations	ADOT Systems Maintenance	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT Regional Traffic Operations	ADOT Systems Maintenance	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT Regional Traffic Operations	ADOT Systems Maintenance	road weather information	Planned	Road conditions and weather information that are made available by road maintenance operations to other transportation system operators.
ADOT Regional Traffic Operations	ADOT Systems Maintenance	roadway maintenance status	Planned	Summary of maintenance fleet operations affecting the road network. This includes the status of winter maintenance (snow plow schedule and current status).
ADOT Regional Traffic Operations	ADOT Systems Maintenance	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT Regional Traffic Operations	ADOT Systems Maintenance	work plan coordination	Planned	Coordination of work plan schedules and activities between maintenance and construction organizations or systems. This information includes the work plan schedules and comments and suggested changes that are exchanged as work plans are coordinated and finalized.
ADOT Regional Traffic Operations	ADOT Systems Maintenance	work plan feedback	Planned	Comments and suggested changes to proposed construction and maintenance work schedules and activities. This information influences work plan schedules so that they minimize impact to other system operations and the overall transportation system.
ADOT Regional Traffic Operations	ADOT TOC and EMC	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT Regional Traffic Operations	ADOT TOC and EMC	current infrastructure restrictions	Planned	Restrictions levied on transportation asset usage based on infrastructure design, surveys, tests, or analyses. This includes standard facility design height, width, and weight restrictions, special restrictions such as spring weight restrictions, and temporary facility restrictions that are imposed during maintenance and construction.
ADOT Regional Traffic Operations	ADOT TOC and EMC	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Regional Traffic Operations	ADOT TOC and EMC	emergency traffic control information	Planned	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
ADOT Regional Traffic Operations	ADOT TOC and EMC	emergency traffic coordination	Planned	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
ADOT Regional Traffic Operations	ADOT TOC and EMC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT Regional Traffic Operations	ADOT TOC and EMC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT Regional Traffic Operations	ADOT TOC and EMC	maint and constr resource response	Planned	Current status of maintenance and construction resources including availability and deployment status. General resource inventory information covering vehicles, equipment, materials, and people and specific resource deployment status may be included.
ADOT Regional Traffic Operations	ADOT TOC and EMC	maint and constr work plans	Planned	Future construction and maintenance work schedules and activities including anticipated closures with anticipated impact to the roadway, alternate routes, anticipated delays, closure times, and durations.
ADOT Regional Traffic Operations	ADOT TOC and EMC	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT Regional Traffic Operations	ADOT TOC and EMC	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
ADOT Regional Traffic Operations	ADOT TOC and EMC	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.

Information Flows – Tabular Format (sorted by Source Element)

RAD-IT Table

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Regional Traffic Operations	ADOT TOC and EMC	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT Regional Traffic Operations	ADOT TOC and EMC	road weather information	Planned	Road conditions and weather information that are made available by road maintenance operations to other transportation system operators.
ADOT Regional Traffic Operations	ADOT TOC and EMC	roadway maintenance status	Planned	Summary of maintenance fleet operations affecting the road network. This includes the status of winter maintenance (snow plow schedule and current status).
ADOT Regional Traffic Operations	ADOT TOC and EMC	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT Regional Traffic Operations	ADOT TOC Data Archive	maint and constr archive data	Planned	Information describing road construction and maintenance activities identifying the type of activity, the work performed, and work zone information including work zone configuration and safety (e.g., a record of intrusions and vehicle speeds) information. For construction activities, this information also includes a description of the completed infrastructure, including as-built plans as applicable. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADOT Regional Traffic Operations	ADOT TOC Data Archive	traffic archive data	Planned	Information describing the use and vehicle composition on transportation facilities and the traffic control strategies employed. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADOT Regional Traffic Operations	DEMA CRT - HazMat Response Team	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT Regional Traffic Operations	DEMA CRT - HazMat Response Team	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT Regional Traffic Operations	DEMA CRT - HazMat Response Team	emergency traffic coordination	Existing	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
ADOT Regional Traffic Operations	DEMA CRT - HazMat Response Team	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Regional Traffic Operations	DEMA CRT - HazMat Response Team	resource deployment status	Existing	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT Regional Traffic Operations	Map Update System	current infrastructure restrictions	Planned	Restrictions levied on transportation asset usage based on infrastructure design, surveys, tests, or analyses. This includes standard facility design height, width, and weight restrictions, special restrictions such as spring weight restrictions, and temporary facility restrictions that are imposed during maintenance and construction.
ADOT Regional Traffic Ops Vehicles	ADOT Maintenance and Construction Vehicles	maint and constr material information	Existing	Information on materials stored on the vehicle including quantity and current application rate.
ADOT Regional Traffic Ops Vehicles	ADOT Maintenance and Construction Vehicles	maint and constr vehicle control	Existing	Control data sent from on-board ITS systems to control maintenance and construction vehicle equipment, including control of materials dispersion rate and other control functions that will vary with vehicle type and application.
ADOT Regional Traffic Ops Vehicles	ADOT Maintenance and Construction Vehicles	maint and constr vehicle measures	Existing	Raw vehicle diagnostics and operating status data reported by the maintenance vehicle platform including engine temperature, mileage, tire wear, brake wear, belt wear, and other operational status measures. In addition to this general vehicle status, this flow also includes the status of maintenance and construction-specific systems on the vehicle.
ADOT Regional Traffic Ops Vehicles	ADOT Maintenance and Construction Vehicles	maint and constr vehicle status coordination	Existing	Maintenance and construction vehicle status information that is shared between vehicles. This includes environmental conditions and the operational status of the vehicles.
ADOT Regional Traffic Ops Vehicles	ADOT Regional Traffic Operations	maint and constr dispatch status	Existing	Current maintenance and construction status including work data, operator status, crew status, and equipment status.
ADOT Regional Traffic Ops Vehicles	ADOT Regional Traffic Operations	maint and constr vehicle conditions	Planned	Vehicle diagnostics information that is collected, filtered, and selectively reported by a maintenance and construction vehicle. The information includes engine temperature, mileage, tire wear, brake wear, belt wear, and any warnings or alarms concerning the operational condition of the vehicle and ancillary equipment.
ADOT Regional Traffic Ops Vehicles	ADOT Regional Traffic Operations	maint and constr vehicle operational data	Existing	Data that describes the maintenance and construction activity performed by the vehicle. Operational data includes materials usage (amount stored and current application rate), operational state of the maintenance equipment (e.g., blade up/down, spreader pattern), vehicle safety status, and other measures associated with the operation of a maintenance, construction, or other special purpose vehicle. Operational data may include basic operational status of the vehicle equipment or a more precise record of the work performed (e.g., application of crack sealant with precise locations and application characteristics).
ADOT Roadside Comm Equipment	ADOT CV Roadside Equipment	environmental sensor data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Roadside Comm Equipment	ADOT CV Roadside Equipment	vehicle entries and exits	Planned	Information exchanged between an RSE and ITS Roadway Equipment that supports detection of non-equipped vehicles in an automated lane, low emissions zone, or other facility where V2I communications is used to monitor vehicles at entry or exit points. This exchange also supports identification of non-equipped vehicles where an RSE is used for payment collection. This generic exchange can be implemented by any approach that compares vehicle detections with V2I communications by the RSE to identify vehicles that are not equipped or are otherwise unable to communicate with the RSE.
ADOT Roadside Comm Equipment	ADOT CV Roadside Equipment	vehicle signage local data	Planned	Information provided by adjacent field equipment to support in-vehicle signing of dynamic information that is currently being displayed to passing drivers. This includes the dynamic information (e.g., local traffic and road conditions, work zone information, lane restrictions, detours, closures, advisories, parking availability, etc.) and control parameters that identify the desired timing, duration, and priority of the signage data.
ADOT Roadside Comm Equipment	ADOT DUST Detection System	dynamic sign coordination	Planned	The direct flow of information between field equipment. This includes information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support local management of these devices. Current operating status of dynamic message signs is returned.
ADOT Roadside Comm Equipment	ADOT DUST Detection System	environmental sensor coordination	Planned	The direct flow of information between field equipment. This includes configuration and control of environmental sensors and the current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
ADOT Roadside Comm Equipment	ADOT DUST Detection System	passive vehicle monitoring coordination	Planned	The direct flow of information between field equipment. This includes control commands used to control detection systems that rely on infrastructure-based identification of individual vehicles to measure travel times and other related measures by identifying the same vehicle at different points in the network. Related technologies include Bluetooth readers and license plate recognition systems. The coordination also includes sharing of time stamped identifiers that identify the vehicles that have passed through a detection zone.
ADOT Roadside Comm Equipment	ADOT DUST Detection System	roadway warning coordination	Planned	The direct flow of information between field equipment. This includes information used to configure and control roadway warning systems and the current operating status of roadway warning systems.
ADOT Roadside Comm Equipment	ADOT DUST Detection System	signal control coordination	Planned	The direct flow of information between field equipment. This includes configuration and control of traffic signal controllers or field masters. Configuration data and operational status of traffic signal control equipment including operating condition and current indications are returned.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Roadside Comm Equipment	ADOT DUST Detection System	traffic detector coordination	Planned	The direct flow of information between field equipment. This includes information used to configure and control traffic detector systems such as inductive loop detectors and machine vision sensors. Raw and/or processed traffic detector data is returned that allows derivation of traffic flow variables (e.g., speed, volume, and density measures) and associated information (e.g., congestion, potential incidents). This flow includes the traffic data and the operational status of the traffic detectors.
ADOT Roadside Comm Equipment	ADOT DUST Detection System	variable speed limit coordination	Planned	The direct flow of information between field equipment. This includes information used to configure, control, and monitor variable speed limit systems including the equipment used to provide current speed limits and other information to drivers.
ADOT Roadside Comm Equipment	ADOT DUST Detection System	video surveillance coordination	Planned	The direct flow of information between field equipment. This includes information used to configure and control video surveillance systems and the high fidelity, real-time traffic images and associated meta data that are returned.
ADOT Roadside Comm Equipment	ADOT Engineering Districts	field equipment status	Planned	Reports from field equipment (sensors, signals, signs, controllers, etc.) which indicate current operational status.
ADOT Roadside Comm Equipment	ADOT ITS Field Equipment	barrier system coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control barrier systems that are represented by gates, barriers and other automated or remotely controlled systems used to manage entry to roadways. Current operating status of barrier systems is also shared including operating condition and current operational state.
ADOT Roadside Comm Equipment	ADOT ITS Field Equipment	dynamic sign coordination	Existing	The direct flow of information between field equipment. This includes information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support local management of these devices. Current operating status of dynamic message signs is returned.
ADOT Roadside Comm Equipment	ADOT ITS Field Equipment	environmental sensor coordination	Existing	The direct flow of information between field equipment. This includes configuration and control of environmental sensors and the current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
ADOT Roadside Comm Equipment	ADOT ITS Field Equipment	lane management coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control dynamic lane management systems and the status of managed lanes including current operational state, violations, and logged information. This also includes lane usage information including both traditional traffic flow measures and special information associated with managed lanes such as measured passenger occupancies. It also includes the operational status of the lane management equipment.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Roadside Comm Equipment	ADOT ITS Field Equipment	passive vehicle monitoring coordination	Existing	The direct flow of information between field equipment. This includes control commands used to control detection systems that rely on infrastructure-based identification of individual vehicles to measure travel times and other related measures by identifying the same vehicle at different points in the network. Related technologies include Bluetooth readers and license plate recognition systems. The coordination also includes sharing of time stamped identifiers that identify the vehicles that have passed through a detection zone.
ADOT Roadside Comm Equipment	ADOT ITS Field Equipment	reversible lane coordination	Existing	The direct flow of information between field equipment. This includes control of automated reversible lane configuration and driver information systems and current reversible lane status including the operational status and mode of the reversible lane control equipment.
ADOT Roadside Comm Equipment	ADOT ITS Field Equipment	roadway treatment coordination	Existing	The direct flow of information between field equipment. This includes control data for remotely located, automated devices, that treat the road surface (e.g., de-icing applications) and the current operational status of automated roadway treatment devices.
ADOT Roadside Comm Equipment	ADOT ITS Field Equipment	roadway warning coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control roadway warning systems and the current operating status of roadway warning systems.
ADOT Roadside Comm Equipment	ADOT ITS Field Equipment	signal control coordination	Existing	The direct flow of information between field equipment. This includes configuration and control of traffic signal controllers or field masters. Configuration data and operational status of traffic signal control equipment including operating condition and current indications are returned.
ADOT Roadside Comm Equipment	ADOT ITS Field Equipment	track status	Planned	Current status of the wayside equipment and notification of an arriving train.
ADOT Roadside Comm Equipment	ADOT ITS Field Equipment	traffic detector coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control traffic detector systems such as inductive loop detectors and machine vision sensors. Raw and/or processed traffic detector data is returned that allows derivation of traffic flow variables (e.g., speed, volume, and density measures) and associated information (e.g., congestion, potential incidents). This flow includes the traffic data and the operational status of the traffic detectors.
ADOT Roadside Comm Equipment	ADOT ITS Field Equipment	traffic metering coordination	Existing	The direct flow of information between field equipment. This includes control commands and operating parameters for ramp meters, interchange meters, mainline meters, and other systems equipment associated with roadway metering operations. Current operational status of the traffic metering status is also provided.
ADOT Roadside Comm Equipment	ADOT ITS Field Equipment	variable speed limit coordination	Existing	The direct flow of information between field equipment. This includes information used to configure, control, and monitor variable speed limit systems including the equipment used to provide current speed limits and other information to drivers.
ADOT Roadside Comm Equipment	ADOT ITS Field Equipment	video surveillance coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control video surveillance systems and the high fidelity, real-time traffic images and associated meta data that are returned.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Roadside Comm Equipment	ADOT Mainline Detection	dynamic sign coordination	Existing	The direct flow of information between field equipment. This includes information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support local management of these devices. Current operating status of dynamic message signs is returned.
ADOT Roadside Comm Equipment	ADOT Mainline Detection	environmental sensor coordination	Existing	The direct flow of information between field equipment. This includes configuration and control of environmental sensors and the current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
ADOT Roadside Comm Equipment	ADOT Mainline Detection	environmental sensor data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
ADOT Roadside Comm Equipment	ADOT Mainline Detection	lane management coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control dynamic lane management systems and the status of managed lanes including current operational state, violations, and logged information. This also includes lane usage information including both traditional traffic flow measures and special information associated with managed lanes such as measured passenger occupancies. It also includes the operational status of the lane management equipment.
ADOT Roadside Comm Equipment	ADOT Mainline Detection	local priority request coordination	Existing	The direct flow of information between field equipment. This includes notification of crossing calls from pedestrians and other vulnerable road users and requests for signal prioritization or preemption, and any other request for right-of-way at an intersection. The status of the priority request is also shared. For vulnerable road users, this includes information provided to guide and warn vulnerable road users at crossings including crossing permission status and crossing time remaining.
ADOT Roadside Comm Equipment	ADOT Mainline Detection	passive vehicle monitoring coordination	Planned	The direct flow of information between field equipment. This includes control commands used to control detection systems that rely on infrastructure-based identification of individual vehicles to measure travel times and other related measures by identifying the same vehicle at different points in the network. Related technologies include Bluetooth readers and license plate recognition systems. The coordination also includes sharing of time stamped identifiers that identify the vehicles that have passed through a detection zone.
ADOT Roadside Comm Equipment	ADOT Mainline Detection	reversible lane coordination	Planned	The direct flow of information between field equipment. This includes control of automated reversible lane configuration and driver information systems and current reversible lane status including the operational status and mode of the reversible lane control equipment.
ADOT Roadside Comm Equipment	ADOT Mainline Detection	roadway dynamic signage status	Planned	Current operating status of dynamic message signs.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Roadside Comm Equipment	ADOT Mainline Detection	roadway treatment coordination	Existing	The direct flow of information between field equipment. This includes control data for remotely located, automated devices, that treat the road surface (e.g., de-icing applications) and the current operational status of automated roadway treatment devices.
ADOT Roadside Comm Equipment	ADOT Mainline Detection	roadway warning coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control roadway warning systems and the current operating status of roadway warning systems.
ADOT Roadside Comm Equipment	ADOT Mainline Detection	signal control coordination	Existing	The direct flow of information between field equipment. This includes configuration and control of traffic signal controllers or field masters. Configuration data and operational status of traffic signal control equipment including operating condition and current indications are returned.
ADOT Roadside Comm Equipment	ADOT Mainline Detection	track status	Planned	Current status of the wayside equipment and notification of an arriving train.
ADOT Roadside Comm Equipment	ADOT Mainline Detection	traffic detector coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control traffic detector systems such as inductive loop detectors and machine vision sensors. Raw and/or processed traffic detector data is returned that allows derivation of traffic flow variables (e.g., speed, volume, and density measures) and associated information (e.g., congestion, potential incidents). This flow includes the traffic data and the operational status of the traffic detectors.
ADOT Roadside Comm Equipment	ADOT Mainline Detection	traffic metering coordination	Existing	The direct flow of information between field equipment. This includes control commands and operating parameters for ramp meters, interchange meters, mainline meters, and other systems equipment associated with roadway metering operations. Current operational status of the traffic metering status is also provided.
ADOT Roadside Comm Equipment	ADOT Mainline Detection	variable speed limit coordination	Existing	The direct flow of information between field equipment. This includes information used to configure, control, and monitor variable speed limit systems including the equipment used to provide current speed limits and other information to drivers.
ADOT Roadside Comm Equipment	ADOT Mainline Detection	vehicle entries and exits	Planned	Information exchanged between an RSE and ITS Roadway Equipment that supports detection of non-equipped vehicles in an automated lane, low emissions zone, or other facility where V2I communications is used to monitor vehicles at entry or exit points. This exchange also supports identification of non-equipped vehicles where an RSE is used for payment collection. This generic exchange can be implemented by any approach that compares vehicle detections with V2I communications by the RSE to identify vehicles that are not equipped or are otherwise unable to communicate with the RSE.
ADOT Roadside Comm Equipment	ADOT Mainline Detection	vehicle signage local data	Existing	Information provided by adjacent field equipment to support in-vehicle signing of dynamic information that is currently being displayed to passing drivers. This includes the dynamic information (e.g., local traffic and road conditions, work zone information, lane restrictions, detours, closures, advisories, parking availability, etc.) and control parameters that identify the desired timing, duration, and priority of the signage data.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Roadside Comm Equipment	ADOT Mainline Detection	video surveillance coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control video surveillance systems and the high fidelity, real-time traffic images and associated meta data that are returned.
ADOT Roadside Comm Equipment	ADOT Mainline Detection	work zone warning notification	Planned	Notification of a work zone emergency or safety issue. This flow identifies that a work zone emergency or safety issue has occurred so that warnings may be generated by more than one system in the work zone.
ADOT Roadside Comm Equipment	ADOT Maintenance Work Zone Field Equipment	dynamic sign coordination	Existing	The direct flow of information between field equipment. This includes information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support local management of these devices. Current operating status of dynamic message signs is returned.
ADOT Roadside Comm Equipment	ADOT Maintenance Work Zone Field Equipment	environmental sensor coordination	Existing	The direct flow of information between field equipment. This includes configuration and control of environmental sensors and the current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
ADOT Roadside Comm Equipment	ADOT Maintenance Work Zone Field Equipment	field equipment status	Existing	Reports from field equipment (sensors, signals, signs, controllers, etc.) which indicate current operational status.
ADOT Roadside Comm Equipment	ADOT Maintenance Work Zone Field Equipment	lane management coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control dynamic lane management systems and the status of managed lanes including current operational state, violations, and logged information. This also includes lane usage information including both traditional traffic flow measures and special information associated with managed lanes such as measured passenger occupancies. It also includes the operational status of the lane management equipment.
ADOT Roadside Comm Equipment	ADOT Maintenance Work Zone Field Equipment	local priority request coordination	Existing	The direct flow of information between field equipment. This includes notification of crossing calls from pedestrians and other vulnerable road users and requests for signal prioritization or preemption, and any other request for right-of-way at an intersection. The status of the priority request is also shared. For vulnerable road users, this includes information provided to guide and warn vulnerable road users at crossings including crossing permission status and crossing time remaining.
ADOT Roadside Comm Equipment	ADOT Maintenance Work Zone Field Equipment	passive vehicle monitoring coordination	Planned	The direct flow of information between field equipment. This includes control commands used to control detection systems that rely on infrastructure-based identification of individual vehicles to measure travel times and other related measures by identifying the same vehicle at different points in the network. Related technologies include Bluetooth readers and license plate recognition systems. The coordination also includes sharing of time stamped identifiers that identify the vehicles that have passed through a detection zone.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Roadside Comm Equipment	ADOT Maintenance Work Zone Field Equipment	reversible lane coordination	Planned	The direct flow of information between field equipment. This includes control of automated reversible lane configuration and driver information systems and current reversible lane status including the operational status and mode of the reversible lane control equipment.
ADOT Roadside Comm Equipment	ADOT Maintenance Work Zone Field Equipment	roadway dynamic signage status	Planned	Current operating status of dynamic message signs.
ADOT Roadside Comm Equipment	ADOT Maintenance Work Zone Field Equipment	roadway treatment coordination	Existing	The direct flow of information between field equipment. This includes control data for remotely located, automated devices, that treat the road surface (e.g., de-icing applications) and the current operational status of automated roadway treatment devices.
ADOT Roadside Comm Equipment	ADOT Maintenance Work Zone Field Equipment	roadway warning coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control roadway warning systems and the current operating status of roadway warning systems.
ADOT Roadside Comm Equipment	ADOT Maintenance Work Zone Field Equipment	signal control coordination	Existing	The direct flow of information between field equipment. This includes configuration and control of traffic signal controllers or field masters. Configuration data and operational status of traffic signal control equipment including operating condition and current indications are returned.
ADOT Roadside Comm Equipment	ADOT Maintenance Work Zone Field Equipment	traffic detector coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control traffic detector systems such as inductive loop detectors and machine vision sensors. Raw and/or processed traffic detector data is returned that allows derivation of traffic flow variables (e.g., speed, volume, and density measures) and associated information (e.g., congestion, potential incidents). This flow includes the traffic data and the operational status of the traffic detectors.
ADOT Roadside Comm Equipment	ADOT Maintenance Work Zone Field Equipment	traffic metering coordination	Existing	The direct flow of information between field equipment. This includes control commands and operating parameters for ramp meters, interchange meters, mainline meters, and other systems equipment associated with roadway metering operations. Current operational status of the traffic metering status is also provided.
ADOT Roadside Comm Equipment	ADOT Maintenance Work Zone Field Equipment	variable speed limit coordination	Existing	The direct flow of information between field equipment. This includes information used to configure, control, and monitor variable speed limit systems including the equipment used to provide current speed limits and other information to drivers.
ADOT Roadside Comm Equipment	ADOT Maintenance Work Zone Field Equipment	vehicle signage local data	Planned	Information provided by adjacent field equipment to support in-vehicle signing of dynamic information that is currently being displayed to passing drivers. This includes the dynamic information (e.g., local traffic and road conditions, work zone information, lane restrictions, detours, closures, advisories, parking availability, etc.) and control parameters that identify the desired timing, duration, and priority of the signage data.
ADOT Roadside Comm Equipment	ADOT Maintenance Work Zone Field Equipment	video surveillance coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control video surveillance systems and the high fidelity, real-time traffic images and associated meta data that are returned.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Roadside Comm Equipment	ADOT Maintenance Work Zone Field Equipment	work zone warning notification	Planned	Notification of a work zone emergency or safety issue. This flow identifies that a work zone emergency or safety issue has occurred so that warnings may be generated by more than one system in the work zone.
ADOT Roadside Comm Equipment	ADOT RWIS	dynamic sign coordination	Existing	The direct flow of information between field equipment. This includes information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support local management of these devices. Current operating status of dynamic message signs is returned.
ADOT Roadside Comm Equipment	ADOT RWIS	environmental sensor coordination	Existing	The direct flow of information between field equipment. This includes configuration and control of environmental sensors and the current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
ADOT Roadside Comm Equipment	ADOT RWIS	roadway treatment coordination	Existing	The direct flow of information between field equipment. This includes control data for remotely located, automated devices, that treat the road surface (e.g., de-icing applications) and the current operational status of automated roadway treatment devices.
ADOT Roadside Comm Equipment	ADOT RWIS	roadway warning coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control roadway warning systems and the current operating status of roadway warning systems.
ADOT Roadside Comm Equipment	ADOT RWIS	variable speed limit coordination	Planned	The direct flow of information between field equipment. This includes information used to configure, control, and monitor variable speed limit systems including the equipment used to provide current speed limits and other information to drivers.
ADOT Roadside Comm Equipment	ADOT RWIS	video surveillance coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control video surveillance systems and the high fidelity, real-time traffic images and associated meta data that are returned.
ADOT Roadside Comm Equipment	ADOT Systems Maintenance	environmental sensor data	Existing	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
ADOT Roadside Comm Equipment	ADOT Systems Maintenance	field equipment status	Existing	Reports from field equipment (sensors, signals, signs, controllers, etc.) which indicate current operational status.
ADOT Roadside Comm Equipment	ADOT Systems Maintenance	roadway treatment system status	Planned	Current operational status of automated roadway treatment devices (e.g., anti-icing systems).
ADOT Roadside Comm Equipment	ADOT Systems Maintenance	work zone warning status	Planned	Status of a work zone safety monitoring and warning devices. This flow documents system activations and includes additional supporting information (e.g., an image) that allows verification of the alarm.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Roadside Comm Equipment	ADOT TOC and EMC	barrier system status	Planned	Current operating status of barrier systems. Barrier systems represent gates, barriers and other automated or remotely controlled systems used to manage entry to roadways. Status of the systems includes operating condition and current operational state.
ADOT Roadside Comm Equipment	ADOT TOC and EMC	environmental sensor data	Existing	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
ADOT Roadside Comm Equipment	ADOT TOC and EMC	lane management information	Planned	System status of managed lanes including current operational state, violations, and logged information. This includes lane usage information including both traditional traffic flow measures and special information associated with managed lanes such as measured passenger occupancies. It also includes the operational status of the lane management equipment.
ADOT Roadside Comm Equipment	ADOT TOC and EMC	lighting system status	Existing	Status of roadside lighting controls including operating condition and current operational state.
ADOT Roadside Comm Equipment	ADOT TOC and EMC	passive vehicle monitoring data	Planned	Time stamped identifiers that identify the vehicles that have passed through a detection zone.
ADOT Roadside Comm Equipment	ADOT TOC and EMC	rail crossing status	Planned	Status of the highway-rail intersection equipment including both the current state or mode of operation and the current equipment condition.
ADOT Roadside Comm Equipment	ADOT TOC and EMC	reversible lane status	Planned	Current reversible lane status including traffic sensor and surveillance data and the operational status and mode of the reversible lane control equipment.
ADOT Roadside Comm Equipment	ADOT TOC and EMC	right-of-way request notification	Existing	Notice that a request has occurred for signal prioritization, signal preemption, pedestrian call, multi-modal crossing activation, or other source for right-of-way.
ADOT Roadside Comm Equipment	ADOT TOC and EMC	roadway advisory radio status	Planned	Current operating status of highway advisory radios.
ADOT Roadside Comm Equipment	ADOT TOC and EMC	roadway dynamic signage status	Existing	Current operating status of dynamic message signs.
ADOT Roadside Comm Equipment	ADOT TOC and EMC	roadway warning system status	Existing	Current operating status of roadway warning systems.
ADOT Roadside Comm Equipment	ADOT TOC and EMC	safeguard system status	Planned	Current operating status of safeguard systems (remotely controlled equipment used to mitigate the impact of incidents on transportation infrastructure, such as blast shields, exhaust systems, etc.). Status of the systems includes operating condition and current operational state.
ADOT Roadside Comm Equipment	ADOT TOC and EMC	signal control status	Existing	Operational and status data of traffic signal control equipment including operating condition and current indications.
ADOT Roadside Comm Equipment	ADOT TOC and EMC	signal fault data	Existing	Faults reported by traffic signal control equipment.
ADOT Roadside Comm Equipment	ADOT TOC and EMC	speed monitoring information	Planned	System status including current operational state and logged information including measured speeds, warning messages displayed, and violation records.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Roadside Comm Equipment	ADOT TOC and EMC	traffic detector data	Existing	Raw and/or processed traffic detector data which allows derivation of traffic flow variables (e.g., speed, volume, and density measures) and associated information (e.g., congestion, potential incidents). This flow includes the traffic data and the operational status of the traffic detectors
ADOT Roadside Comm Equipment	ADOT TOC and EMC	traffic image meta data	Planned	Meta data that describes traffic images. Traffic images (video) are in another flow.
ADOT Roadside Comm Equipment	ADOT TOC and EMC	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT Roadside Comm Equipment	ADOT TOC and EMC	traffic metering status	Existing	Current operational status and operating parameters for ramp meters, interchange meters, mainline meters and other control equipment associated with roadway metering operations.
ADOT Roadside Comm Equipment	ADOT TOC and EMC	variable speed limit status	Planned	Current operating status of the variable speed limit systems including the state of the equipment.
ADOT Roadside Comm Equipment	ADOT TOC and EMC	wrong way vehicle detected	Planned	Notification that a vehicle has been detected traveling in the wrong direction. This can be a direct report by an equipped vehicle that is being driven in the wrong direction or a report of a non-equipped vehicle that has been detected traveling in the wrong direction. It includes the current location, speed, acceleration, and heading of the wrong way vehicle.
ADOT Roadside Comm Equipment	ADOT TOC Data Archive	roadside archive data	Planned	A broad set of data derived from roadside sensors that includes current traffic conditions, environmental conditions, and any other data that can be directly collected by roadside sensors. This data also indicates the status of the sensors and reports of any identified sensor faults.
ADOT Roadside Comm Equipment	ADOT Wrong Way Driver Detection System	dynamic sign coordination	Existing	The direct flow of information between field equipment. This includes information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support local management of these devices. Current operating status of dynamic message signs is returned.
ADOT Roadside Comm Equipment	ADOT Wrong Way Driver Detection System	environmental sensor coordination	Existing	The direct flow of information between field equipment. This includes configuration and control of environmental sensors and the current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
ADOT Roadside Comm Equipment	ADOT Wrong Way Driver Detection System	lane management coordination	Planned	The direct flow of information between field equipment. This includes information used to configure and control dynamic lane management systems and the status of managed lanes including current operational state, violations, and logged information. This also includes lane usage information including both traditional traffic flow measures and special information associated with managed lanes such as measured passenger occupancies. It also includes the operational status of the lane management equipment.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Roadside Comm Equipment	ADOT Wrong Way Driver Detection System	local priority request coordination	Planned	The direct flow of information between field equipment. This includes notification of crossing calls from pedestrians and other vulnerable road users and requests for signal prioritization or preemption, and any other request for right-of-way at an intersection. The status of the priority request is also shared. For vulnerable road users, this includes information provided to guide and warn vulnerable road users at crossings including crossing permission status and crossing time remaining.
ADOT Roadside Comm Equipment	ADOT Wrong Way Driver Detection System	passive vehicle monitoring coordination	Planned	The direct flow of information between field equipment. This includes control commands used to control detection systems that rely on infrastructure-based identification of individual vehicles to measure travel times and other related measures by identifying the same vehicle at different points in the network. Related technologies include Bluetooth readers and license plate recognition systems. The coordination also includes sharing of time stamped identifiers that identify the vehicles that have passed through a detection zone.
ADOT Roadside Comm Equipment	ADOT Wrong Way Driver Detection System	roadway warning coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control roadway warning systems and the current operating status of roadway warning systems.
ADOT Roadside Comm Equipment	ADOT Wrong Way Driver Detection System	signal control coordination	Planned	The direct flow of information between field equipment. This includes configuration and control of traffic signal controllers or field masters. Configuration data and operational status of traffic signal control equipment including operating condition and current indications are returned.
ADOT Roadside Comm Equipment	ADOT Wrong Way Driver Detection System	traffic detector coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control traffic detector systems such as inductive loop detectors and machine vision sensors. Raw and/or processed traffic detector data is returned that allows derivation of traffic flow variables (e.g., speed, volume, and density measures) and associated information (e.g., congestion, potential incidents). This flow includes the traffic data and the operational status of the traffic detectors.
ADOT Roadside Comm Equipment	ADOT Wrong Way Driver Detection System	traffic metering coordination	Existing	The direct flow of information between field equipment. This includes control commands and operating parameters for ramp meters, interchange meters, mainline meters, and other systems equipment associated with roadway metering operations. Current operational status of the traffic metering status is also provided.
ADOT Roadside Comm Equipment	ADOT Wrong Way Driver Detection System	variable speed limit coordination	Planned	The direct flow of information between field equipment. This includes information used to configure, control, and monitor variable speed limit systems including the equipment used to provide current speed limits and other information to drivers.
ADOT Roadside Comm Equipment	ADOT Wrong Way Driver Detection System	video surveillance coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control video surveillance systems and the high fidelity, real-time traffic images and associated meta data that are returned.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Roadside Comm Equipment	Basic Private Vehicle	broadcast advisories	Planned	General broadcast advisories that are provided over wide-area wireless communications direct to the vehicle radio. These analog advisory messages may provide similar content to ITS broadcast information flows, but include no digital data component. Existing Highway-Advisory Radio (HAR) advisory messages are a prime example of this flow.
ADOT Roadside Comm Equipment	DPS Central Communications Center	roadway dynamic signage status	Existing	Current operating status of dynamic message signs.
ADOT Roadside Comm Equipment	DPS Central Communications Center	safeguard system status	Planned	Current operating status of safeguard systems (remotely controlled equipment used to mitigate the impact of incidents on transportation infrastructure, such as blast shields, exhaust systems, etc.). Status of the systems includes operating condition and current operational state.
ADOT Roadside Comm Equipment	DPS Central Communications Center	traffic detector data	Existing	Raw and/or processed traffic detector data which allows derivation of traffic flow variables (e.g., speed, volume, and density measures) and associated information (e.g., congestion, potential incidents). This flow includes the traffic data and the operational status of the traffic detectors
ADOT Roadside Comm Equipment	DPS Central Communications Center	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT Roadside Comm Equipment	NDOT ITS Field Equipment	dynamic sign coordination	Existing	The direct flow of information between field equipment. This includes information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support local management of these devices. Current operating status of dynamic message signs is returned.
ADOT Roadside Comm Equipment	NDOT ITS Field Equipment	environmental sensor coordination	Existing	The direct flow of information between field equipment. This includes configuration and control of environmental sensors and the current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
ADOT Roadside Comm Equipment	NDOT ITS Field Equipment	lane management coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control dynamic lane management systems and the status of managed lanes including current operational state, violations, and logged information. This also includes lane usage information including both traditional traffic flow measures and special information associated with managed lanes such as measured passenger occupancies. It also includes the operational status of the lane management equipment.
ADOT Roadside Comm Equipment	NDOT ITS Field Equipment	local priority request coordination	Existing	The direct flow of information between field equipment. This includes notification of crossing calls from pedestrians and other vulnerable road users and requests for signal prioritization or preemption, and any other request for right-of-way at an intersection. The status of the priority request is also shared. For vulnerable road users, this includes information provided to guide and warn vulnerable road users at crossings including crossing permission status and crossing time remaining.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Roadside Comm Equipment	NDOT ITS Field Equipment	passive vehicle monitoring coordination	Planned	The direct flow of information between field equipment. This includes control commands used to control detection systems that rely on infrastructure-based identification of individual vehicles to measure travel times and other related measures by identifying the same vehicle at different points in the network. Related technologies include Bluetooth readers and license plate recognition systems. The coordination also includes sharing of time stamped identifiers that identify the vehicles that have passed through a detection zone.
ADOT Roadside Comm Equipment	NDOT ITS Field Equipment	reversible lane coordination	Planned	The direct flow of information between field equipment. This includes control of automated reversible lane configuration and driver information systems and current reversible lane status including the operational status and mode of the reversible lane control equipment.
ADOT Roadside Comm Equipment	NDOT ITS Field Equipment	roadway treatment coordination	Existing	The direct flow of information between field equipment. This includes control data for remotely located, automated devices, that treat the road surface (e.g., de-icing applications) and the current operational status of automated roadway treatment devices.
ADOT Roadside Comm Equipment	NDOT ITS Field Equipment	roadway warning coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control roadway warning systems and the current operating status of roadway warning systems.
ADOT Roadside Comm Equipment	NDOT ITS Field Equipment	signal control coordination	Existing	The direct flow of information between field equipment. This includes configuration and control of traffic signal controllers or field masters. Configuration data and operational status of traffic signal control equipment including operating condition and current indications are returned.
ADOT Roadside Comm Equipment	NDOT ITS Field Equipment	traffic detector coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control traffic detector systems such as inductive loop detectors and machine vision sensors. Raw and/or processed traffic detector data is returned that allows derivation of traffic flow variables (e.g., speed, volume, and density measures) and associated information (e.g., congestion, potential incidents). This flow includes the traffic data and the operational status of the traffic detectors.
ADOT Roadside Comm Equipment	NDOT ITS Field Equipment	traffic metering coordination	Existing	The direct flow of information between field equipment. This includes control commands and operating parameters for ramp meters, interchange meters, mainline meters, and other systems equipment associated with roadway metering operations. Current operational status of the traffic metering status is also provided.
ADOT Roadside Comm Equipment	NDOT ITS Field Equipment	variable speed limit coordination	Existing	The direct flow of information between field equipment. This includes information used to configure, control, and monitor variable speed limit systems including the equipment used to provide current speed limits and other information to drivers.
ADOT Roadside Comm Equipment	NDOT ITS Field Equipment	video surveillance coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control video surveillance systems and the high fidelity, real-time traffic images and associated meta data that are returned.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Roadside Comm Equipment	NOAA_National Weather Service	environmental sensor data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
ADOT Roadside Comm Equipment	Rail Grade Wayside Warning Systems	barrier system coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control barrier systems that are represented by gates, barriers and other automated or remotely controlled systems used to manage entry to roadways. Current operating status of barrier systems is also shared including operating condition and current operational state.
ADOT Roadside Comm Equipment	Rail Grade Wayside Warning Systems	dynamic sign coordination	Existing	The direct flow of information between field equipment. This includes information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support local management of these devices. Current operating status of dynamic message signs is returned.
ADOT Roadside Comm Equipment	Rail Grade Wayside Warning Systems	environmental sensor coordination	Existing	The direct flow of information between field equipment. This includes configuration and control of environmental sensors and the current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
ADOT Roadside Comm Equipment	Rail Grade Wayside Warning Systems	lane management coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control dynamic lane management systems and the status of managed lanes including current operational state, violations, and logged information. This also includes lane usage information including both traditional traffic flow measures and special information associated with managed lanes such as measured passenger occupancies. It also includes the operational status of the lane management equipment.
ADOT Roadside Comm Equipment	Rail Grade Wayside Warning Systems	local priority request coordination	Existing	The direct flow of information between field equipment. This includes notification of crossing calls from pedestrians and other vulnerable road users and requests for signal prioritization or preemption, and any other request for right-of-way at an intersection. The status of the priority request is also shared. For vulnerable road users, this includes information provided to guide and warn vulnerable road users at crossings including crossing permission status and crossing time remaining.
ADOT Roadside Comm Equipment	Rail Grade Wayside Warning Systems	passive vehicle monitoring coordination	Planned	The direct flow of information between field equipment. This includes control commands used to control detection systems that rely on infrastructure-based identification of individual vehicles to measure travel times and other related measures by identifying the same vehicle at different points in the network. Related technologies include Bluetooth readers and license plate recognition systems. The coordination also includes sharing of time stamped identifiers that identify the vehicles that have passed through a detection zone.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Roadside Comm Equipment	Rail Grade Wayside Warning Systems	rail crossing operational status	Existing	Status of the highway-rail grade crossing equipment including both the current state or mode of operation and the current equipment condition.
ADOT Roadside Comm Equipment	Rail Grade Wayside Warning Systems	reversible lane coordination	Planned	The direct flow of information between field equipment. This includes control of automated reversible lane configuration and driver information systems and current reversible lane status including the operational status and mode of the reversible lane control equipment.
ADOT Roadside Comm Equipment	Rail Grade Wayside Warning Systems	roadway treatment coordination	Existing	The direct flow of information between field equipment. This includes control data for remotely located, automated devices, that treat the road surface (e.g., de-icing applications) and the current operational status of automated roadway treatment devices.
ADOT Roadside Comm Equipment	Rail Grade Wayside Warning Systems	roadway warning coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control roadway warning systems and the current operating status of roadway warning systems.
ADOT Roadside Comm Equipment	Rail Grade Wayside Warning Systems	signal control coordination	Existing	The direct flow of information between field equipment. This includes configuration and control of traffic signal controllers or field masters. Configuration data and operational status of traffic signal control equipment including operating condition and current indications are returned.
ADOT Roadside Comm Equipment	Rail Grade Wayside Warning Systems	track status	Existing	Current status of the wayside equipment and notification of an arriving train.
ADOT Roadside Comm Equipment	Rail Grade Wayside Warning Systems	traffic detector coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control traffic detector systems such as inductive loop detectors and machine vision sensors. Raw and/or processed traffic detector data is returned that allows derivation of traffic flow variables (e.g., speed, volume, and density measures) and associated information (e.g., congestion, potential incidents). This flow includes the traffic data and the operational status of the traffic detectors.
ADOT Roadside Comm Equipment	Rail Grade Wayside Warning Systems	traffic metering coordination	Existing	The direct flow of information between field equipment. This includes control commands and operating parameters for ramp meters, interchange meters, mainline meters, and other systems equipment associated with roadway metering operations. Current operational status of the traffic metering status is also provided.
ADOT Roadside Comm Equipment	Rail Grade Wayside Warning Systems	variable speed limit coordination	Existing	The direct flow of information between field equipment. This includes information used to configure, control, and monitor variable speed limit systems including the equipment used to provide current speed limits and other information to drivers.
ADOT Roadside Comm Equipment	Rail Grade Wayside Warning Systems	video surveillance coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control video surveillance systems and the high fidelity, real-time traffic images and associated meta data that are returned.
ADOT Roadside Comm Equipment	Tribal TMC-TOC-TIC	roadway dynamic signage status	Planned	Current operating status of dynamic message signs.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT RWIS	ADOT ITS Field Equipment	dynamic sign coordination	Existing	The direct flow of information between field equipment. This includes information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support local management of these devices. Current operating status of dynamic message signs is returned.
ADOT RWIS	ADOT ITS Field Equipment	environmental sensor coordination	Existing	The direct flow of information between field equipment. This includes configuration and control of environmental sensors and the current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
ADOT RWIS	ADOT ITS Field Equipment	roadway treatment coordination	Existing	The direct flow of information between field equipment. This includes control data for remotely located, automated devices, that treat the road surface (e.g., de-icing applications) and the current operational status of automated roadway treatment devices.
ADOT RWIS	ADOT ITS Field Equipment	roadway warning coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control roadway warning systems and the current operating status of roadway warning systems.
ADOT RWIS	ADOT ITS Field Equipment	variable speed limit coordination	Planned	The direct flow of information between field equipment. This includes information used to configure, control, and monitor variable speed limit systems including the equipment used to provide current speed limits and other information to drivers.
ADOT RWIS	ADOT ITS Field Equipment	video surveillance coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control video surveillance systems and the high fidelity, real-time traffic images and associated meta data that are returned.
ADOT RWIS	ADOT Roadside Comm Equipment	dynamic sign coordination	Existing	The direct flow of information between field equipment. This includes information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support local management of these devices. Current operating status of dynamic message signs is returned.
ADOT RWIS	ADOT Roadside Comm Equipment	environmental sensor coordination	Existing	The direct flow of information between field equipment. This includes configuration and control of environmental sensors and the current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
ADOT RWIS	ADOT Roadside Comm Equipment	roadway treatment coordination	Existing	The direct flow of information between field equipment. This includes control data for remotely located, automated devices, that treat the road surface (e.g., de-icing applications) and the current operational status of automated roadway treatment devices.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT RWIS	ADOT Roadside Comm Equipment	roadway warning coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control roadway warning systems and the current operating status of roadway warning systems.
ADOT RWIS	ADOT Roadside Comm Equipment	variable speed limit coordination	Planned	The direct flow of information between field equipment. This includes information used to configure, control, and monitor variable speed limit systems including the equipment used to provide current speed limits and other information to drivers.
ADOT RWIS	ADOT Roadside Comm Equipment	video surveillance coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control video surveillance systems and the high fidelity, real-time traffic images and associated meta data that are returned.
ADOT RWIS	ADOT Systems Maintenance	environmental sensor data	Existing	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
ADOT RWIS	ADOT Systems Maintenance	field equipment status	Existing	Reports from field equipment (sensors, signals, signs, controllers, etc.) which indicate current operational status.
ADOT RWIS	ADOT Systems Maintenance	roadway dynamic signage status	Existing	Current operating status of dynamic message signs.
ADOT RWIS	ADOT Systems Maintenance	roadway treatment system status	Planned	Current operational status of automated roadway treatment devices (e.g., anti-icing systems).
ADOT RWIS	ADOT Systems Maintenance	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT RWIS	ADOT TOC and EMC	barrier system status	Planned	Current operating status of barrier systems. Barrier systems represent gates, barriers and other automated or remotely controlled systems used to manage entry to roadways. Status of the systems includes operating condition and current operational state.
ADOT RWIS	ADOT TOC and EMC	environmental sensor data	Existing	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
ADOT RWIS	ADOT TOC and EMC	lane management information	Planned	System status of managed lanes including current operational state, violations, and logged information. This includes lane usage information including both traditional traffic flow measures and special information associated with managed lanes such as measured passenger occupancies. It also includes the operational status of the lane management equipment.
ADOT RWIS	ADOT TOC and EMC	passive vehicle monitoring data	Existing	Time stamped identifiers that identify the vehicles that have passed through a detection zone.
ADOT RWIS	ADOT TOC and EMC	reversible lane status	Planned	Current reversible lane status including traffic sensor and surveillance data and the operational status and mode of the reversible lane control equipment.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT RWIS	ADOT TOC and EMC	right-of-way request notification	Planned	Notice that a request has occurred for signal prioritization, signal preemption, pedestrian call, multi-modal crossing activation, or other source for right-of-way.
ADOT RWIS	ADOT TOC and EMC	roadway advisory radio status	Planned	Current operating status of highway advisory radios.
ADOT RWIS	ADOT TOC and EMC	roadway dynamic signage status	Existing	Current operating status of dynamic message signs.
ADOT RWIS	ADOT TOC and EMC	roadway warning system status	Existing	Current operating status of roadway warning systems.
ADOT RWIS	ADOT TOC and EMC	safeguard system status	Planned	Current operating status of safeguard systems (remotely controlled equipment used to mitigate the impact of incidents on transportation infrastructure, such as blast shields, exhaust systems, etc.). Status of the systems includes operating condition and current operational state.
ADOT RWIS	ADOT TOC and EMC	signal control status	Existing	Operational and status data of traffic signal control equipment including operating condition and current indications.
ADOT RWIS	ADOT TOC and EMC	signal fault data	Existing	Faults reported by traffic signal control equipment.
ADOT RWIS	ADOT TOC and EMC	speed monitoring information	Planned	System status including current operational state and logged information including measured speeds, warning messages displayed, and violation records.
ADOT RWIS	ADOT TOC and EMC	traffic detector data	Existing	Raw and/or processed traffic detector data which allows derivation of traffic flow variables (e.g., speed, volume, and density measures) and associated information (e.g., congestion, potential incidents). This flow includes the traffic data and the operational status of the traffic detectors
ADOT RWIS	ADOT TOC and EMC	traffic image meta data	Existing	Meta data that describes traffic images. Traffic images (video) are in another flow.
ADOT RWIS	ADOT TOC and EMC	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT RWIS	ADOT TOC and EMC	traffic metering status	Existing	Current operational status and operating parameters for ramp meters, interchange meters, mainline meters and other control equipment associated with roadway metering operations.
ADOT RWIS	ADOT TOC and EMC	variable speed limit status	Planned	Current operating status of the variable speed limit systems including the state of the equipment.
ADOT RWIS	ADOT TOC and EMC	wrong way vehicle detected	Planned	Notification that a vehicle has been detected traveling in the wrong direction. This can be a direct report by an equipped vehicle that is being driven in the wrong direction or a report of a non-equipped vehicle that has been detected traveling in the wrong direction. It includes the current location, speed, acceleration, and heading of the wrong way vehicle.
ADOT RWIS	Caltrans ITS Field Equipment	environmental sensor coordination	Planned	The direct flow of information between field equipment. This includes configuration and control of environmental sensors and the current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT RWIS	NDOT ITS Field Equipment	dynamic sign coordination	Existing	The direct flow of information between field equipment. This includes information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support local management of these devices. Current operating status of dynamic message signs is returned.
ADOT RWIS	NDOT ITS Field Equipment	roadway treatment coordination	Existing	The direct flow of information between field equipment. This includes control data for remotely located, automated devices, that treat the road surface (e.g., de-icing applications) and the current operational status of automated roadway treatment devices.
ADOT RWIS	NDOT ITS Field Equipment	roadway warning coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control roadway warning systems and the current operating status of roadway warning systems.
ADOT RWIS	NDOT ITS Field Equipment	variable speed limit coordination	Existing	The direct flow of information between field equipment. This includes information used to configure, control, and monitor variable speed limit systems including the equipment used to provide current speed limits and other information to drivers.
ADOT RWIS	NDOT ITS Field Equipment	video surveillance coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control video surveillance systems and the high fidelity, real-time traffic images and associated meta data that are returned.
ADOT RWIS	New Mexico ITS Field Equipment	dynamic sign coordination	Existing	The direct flow of information between field equipment. This includes information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support local management of these devices. Current operating status of dynamic message signs is returned.
ADOT RWIS	New Mexico ITS Field Equipment	environmental sensor coordination	Planned	The direct flow of information between field equipment. This includes configuration and control of environmental sensors and the current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
ADOT RWIS	New Mexico ITS Field Equipment	roadway treatment coordination	Existing	The direct flow of information between field equipment. This includes control data for remotely located, automated devices, that treat the road surface (e.g., de-icing applications) and the current operational status of automated roadway treatment devices.
ADOT RWIS	New Mexico ITS Field Equipment	roadway warning coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control roadway warning systems and the current operating status of roadway warning systems.
ADOT RWIS	New Mexico ITS Field Equipment	video surveillance coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control video surveillance systems and the high fidelity, real-time traffic images and associated meta data that are returned.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT RWIS	New Mexico Statewide TMC	environmental sensor data	Existing	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
ADOT RWIS	NOAA_National Weather Service	environmental sensor data	Existing	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
ADOT Service Monitor System for Connected Vehicle	ADOT CV Roadside Equipment	time local form	Planned	Time local form includes UTC time synchronized with the external source in a format usable by connected vehicle center functions.
ADOT Service Monitor System for Connected Vehicle	ADOT Roadside Comm Equipment	time local form	Planned	Time local form includes UTC time synchronized with the external source in a format usable by connected vehicle center functions.
ADOT Service Monitor System for Connected Vehicle	ADOT Systems Maintenance	RSE fault data	Planned	RSE fault information that can be used to identify RSEs that require initialization, reconfiguration, repair or replacement. This flow identifies the device, the nature of the fault, and associated error codes and diagnostic data.
ADOT Service Monitor System for Connected Vehicle	County Radio Systems	time local form	Planned	Time local form includes UTC time synchronized with the external source in a format usable by connected vehicle center functions.
ADOT Systems Maintenance	ADOT 511 Website	road weather information	Existing	Road conditions and weather information that are made available by road maintenance operations to other transportation system operators.
ADOT Systems Maintenance	ADOT 511 Website	roadway maintenance status	Existing	Summary of maintenance fleet operations affecting the road network. This includes the status of winter maintenance (snow plow schedule and current status).
ADOT Systems Maintenance	ADOT 511 Website	work zone information	Existing	Summary of maintenance and construction work zone activities affecting the road network including the nature of the maintenance or construction activity, location, impact to the roadway, expected time(s) and duration of impact, anticipated delays, alternate routes, and suggested speed limits. This information may be augmented with images that provide a visual indication of current work zone status and traffic impacts.
ADOT Systems Maintenance	ADOT Asset Management Systems	asset status update	Existing	Changes to status of pavement, bridges, signs and other assets resulting from maintenance or construction activities or infrastructure monitoring. The updates may include changes in installation information, materials information, vendor/contractor information, condition, and current maintenance status. In addition to infrastructure asset updates, the information provided may also include status of the maintenance and construction support assets, including vehicle and equipment utilization and repair records.
ADOT Systems Maintenance	ADOT DUST Detection System	environmental sensor control	Existing	Data used to configure and control environmental sensors.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Systems Maintenance	ADOT HPMS Data Archive	maint and constr archive data	Existing	Information describing road construction and maintenance activities identifying the type of activity, the work performed, and work zone information including work zone configuration and safety (e.g., a record of intrusions and vehicle speeds) information. For construction activities, this information also includes a description of the completed infrastructure, including as-built plans as applicable. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADOT Systems Maintenance	ADOT ITS Field Equipment	environmental sensor control	Planned	Data used to configure and control environmental sensors.
ADOT Systems Maintenance	ADOT ITS Field Equipment	roadway dynamic signage data	Existing	Information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support remote management of these devices.
ADOT Systems Maintenance	ADOT ITS Field Equipment	roadway treatment system control	Planned	Control data for remotely located, automated devices, that treat the road surface (e.g., de-icing applications).
ADOT Systems Maintenance	ADOT ITS Field Equipment	signal control commands	Existing	Control of traffic signal controllers or field masters including clock synchronization.
ADOT Systems Maintenance	ADOT ITS Field Equipment	signal control device configuration	Existing	Data used to configure traffic signal control equipment including local controllers and system masters.
ADOT Systems Maintenance	ADOT ITS Field Equipment	signal control plans	Existing	Traffic signal timing parameters including minimum green time and interval durations for basic operation and cycle length, splits, offset, phase sequence, etc. for coordinated systems.
ADOT Systems Maintenance	ADOT ITS Field Equipment	signal system configuration	Existing	Data used to configure traffic signal systems including configuring control sections and mode of operation (time based or traffic responsive).
ADOT Systems Maintenance	ADOT ITS Field Equipment	speed monitoring control	Planned	Information used to configure and control automated speed monitoring, speed warning, and speed enforcement systems.
ADOT Systems Maintenance	ADOT ITS Field Equipment	video surveillance control	Existing	Information used to configure and control video surveillance systems.
ADOT Systems Maintenance	ADOT ITS Field Equipment	work zone warning device control	Planned	Data used to configure and control work zone safety monitoring and warning devices.
ADOT Systems Maintenance	ADOT Mainline Detection	signal control commands	Existing	Control of traffic signal controllers or field masters including clock synchronization.
ADOT Systems Maintenance	ADOT Mainline Detection	signal control device configuration	Existing	Data used to configure traffic signal control equipment including local controllers and system masters.
ADOT Systems Maintenance	ADOT Mainline Detection	signal control plans	Existing	Traffic signal timing parameters including minimum green time and interval durations for basic operation and cycle length, splits, offset, phase sequence, etc. for coordinated systems.
ADOT Systems Maintenance	ADOT Mainline Detection	signal system configuration	Existing	Data used to configure traffic signal systems including configuring control sections and mode of operation (time based or traffic responsive).
ADOT Systems Maintenance	ADOT Maintenance Work Zone Field Equipment	environmental sensor control	Planned	Data used to configure and control environmental sensors.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Systems Maintenance	ADOT Maintenance Work Zone Field Equipment	roadway dynamic signage data	Existing	Information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support remote management of these devices.
ADOT Systems Maintenance	ADOT Maintenance Work Zone Field Equipment	roadway treatment system control	Planned	Control data for remotely located, automated devices, that treat the road surface (e.g., de-icing applications).
ADOT Systems Maintenance	ADOT Maintenance Work Zone Field Equipment	vehicle signage application info	Planned	In-vehicle signing application configuration data and messaging parameters. This flow provides a list of regulatory, warning, and information messages to be displayed and parameters that support scheduling and prioritizing messages to be issued to passing vehicles. This flow also supports remote control of the application so the application can be taken offline, reset, or restarted.
ADOT Systems Maintenance	ADOT Maintenance Work Zone Field Equipment	video surveillance control	Planned	Information used to configure and control video surveillance systems.
ADOT Systems Maintenance	ADOT Maintenance Work Zone Field Equipment	work zone safety application info	Planned	Work zone safety application configuration data and warning parameters and thresholds. This includes work zone configuration including geofenced crew areas and travel lanes that provide a safety boundary between work zone personnel and passing vehicles. This flow also supports remote control of the application so the application can be taken offline, reset, or restarted.
ADOT Systems Maintenance	ADOT Maintenance Work Zone Field Equipment	work zone warning device control	Planned	Data used to configure and control work zone safety monitoring and warning devices.
ADOT Systems Maintenance	ADOT Regional Traffic Operations	current infrastructure restrictions	Planned	Restrictions levied on transportation asset usage based on infrastructure design, surveys, tests, or analyses. This includes standard facility design height, width, and weight restrictions, special restrictions such as spring weight restrictions, and temporary facility restrictions that are imposed during maintenance and construction.
ADOT Systems Maintenance	ADOT Regional Traffic Operations	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT Systems Maintenance	ADOT Regional Traffic Operations	maint and constr resource coordination	Planned	Request for road maintenance and construction resources that can be used in the diversion of traffic (cones, portable signs), clearance of a road hazard, repair of ancillary damage, or any other incident response.
ADOT Systems Maintenance	ADOT Regional Traffic Operations	maint and constr resource response	Planned	Current status of maintenance and construction resources including availability and deployment status. General resource inventory information covering vehicles, equipment, materials, and people and specific resource deployment status may be included.
ADOT Systems Maintenance	ADOT Regional Traffic Operations	maint and constr work plans	Planned	Future construction and maintenance work schedules and activities including anticipated closures with anticipated impact to the roadway, alternate routes, anticipated delays, closure times, and durations.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Systems Maintenance	ADOT Regional Traffic Operations	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT Systems Maintenance	ADOT Regional Traffic Operations	road weather information	Planned	Road conditions and weather information that are made available by road maintenance operations to other transportation system operators.
ADOT Systems Maintenance	ADOT Regional Traffic Operations	roadway maintenance status	Planned	Summary of maintenance fleet operations affecting the road network. This includes the status of winter maintenance (snow plow schedule and current status).
ADOT Systems Maintenance	ADOT Regional Traffic Operations	work plan coordination	Planned	Coordination of work plan schedules and activities between maintenance and construction organizations or systems. This information includes the work plan schedules and comments and suggested changes that are exchanged as work plans are coordinated and finalized.
ADOT Systems Maintenance	ADOT Roadside Comm Equipment	environmental sensor control	Existing	Data used to configure and control environmental sensors.
ADOT Systems Maintenance	ADOT Roadside Comm Equipment	roadway treatment system control	Planned	Control data for remotely located, automated devices, that treat the road surface (e.g., de-icing applications).
ADOT Systems Maintenance	ADOT Roadside Comm Equipment	signal control commands	Existing	Control of traffic signal controllers or field masters including clock synchronization.
ADOT Systems Maintenance	ADOT Roadside Comm Equipment	signal control device configuration	Existing	Data used to configure traffic signal control equipment including local controllers and system masters.
ADOT Systems Maintenance	ADOT Roadside Comm Equipment	signal control plans	Existing	Traffic signal timing parameters including minimum green time and interval durations for basic operation and cycle length, splits, offset, phase sequence, etc. for coordinated systems.
ADOT Systems Maintenance	ADOT Roadside Comm Equipment	signal system configuration	Existing	Data used to configure traffic signal systems including configuring control sections and mode of operation (time based or traffic responsive).
ADOT Systems Maintenance	ADOT Roadside Comm Equipment	work zone warning device control	Planned	Data used to configure and control work zone safety monitoring and warning devices.
ADOT Systems Maintenance	ADOT RWIS	environmental sensor control	Existing	Data used to configure and control environmental sensors.
ADOT Systems Maintenance	ADOT RWIS	roadway dynamic signage data	Existing	Information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support remote management of these devices.
ADOT Systems Maintenance	ADOT RWIS	roadway treatment system control	Planned	Control data for remotely located, automated devices, that treat the road surface (e.g., de-icing applications).
ADOT Systems Maintenance	ADOT Systems Maintenance Vehicles	environmental sensor control	Planned	Data used to configure and control environmental sensors.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Systems Maintenance	ADOT Systems Maintenance Vehicles	maint and constr dispatch information	Existing	Information used to dispatch maintenance and construction vehicles, equipment, and crews and information used to keep work zone crews informed. This information includes routing information, traffic information, road restrictions, incident information, environmental information, decision support information, maintenance schedule data, dispatch instructions, personnel assignments, alert notifications, and corrective actions.
ADOT Systems Maintenance	ADOT Systems Maintenance Vehicles	maint and constr vehicle system control	Planned	Configure and control data that supports remote control of on-board maintenance and construction vehicle systems and field equipment that is remotely controlled by the vehicle. For example, the data can be used to adjust material application rates and spread patterns.
ADOT Systems Maintenance	ADOT TOC and EMC	current infrastructure restrictions	Existing	Restrictions levied on transportation asset usage based on infrastructure design, surveys, tests, or analyses. This includes standard facility design height, width, and weight restrictions, special restrictions such as spring weight restrictions, and temporary facility restrictions that are imposed during maintenance and construction.
ADOT Systems Maintenance	ADOT TOC and EMC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT Systems Maintenance	ADOT TOC and EMC	environmental conditions data	Existing	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors and aggregated by the data collector. Attributes relating to the data collection (and aggregation) are also included.
ADOT Systems Maintenance	ADOT TOC and EMC	equipment maintenance status	Existing	Current status of field equipment maintenance actions.
ADOT Systems Maintenance	ADOT TOC and EMC	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT Systems Maintenance	ADOT TOC and EMC	maint and constr resource response	Existing	Current status of maintenance and construction resources including availability and deployment status. General resource inventory information covering vehicles, equipment, materials, and people and specific resource deployment status may be included.
ADOT Systems Maintenance	ADOT TOC and EMC	maint and constr work plans	Existing	Future construction and maintenance work schedules and activities including anticipated closures with anticipated impact to the roadway, alternate routes, anticipated delays, closure times, and durations.

Information Flows – Tabular Format (sorted by Source Element)

RAD-IT Table

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Systems Maintenance	ADOT TOC and EMC	road network status assessment	Existing	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT Systems Maintenance	ADOT TOC and EMC	road weather information	Existing	Road conditions and weather information that are made available by road maintenance operations to other transportation system operators.
ADOT Systems Maintenance	ADOT TOC and EMC	roadway maintenance status	Existing	Summary of maintenance fleet operations affecting the road network. This includes the status of winter maintenance (snow plow schedule and current status).
ADOT Systems Maintenance	ADOT TOC and EMC	work zone information	Existing	Summary of maintenance and construction work zone activities affecting the road network including the nature of the maintenance or construction activity, location, impact to the roadway, expected time(s) and duration of impact, anticipated delays, alternate routes, and suggested speed limits. This information may be augmented with images that provide a visual indication of current work zone status and traffic impacts.
ADOT Systems Maintenance	ADOT TOC Data Archive	maint and constr archive data	Existing	Information describing road construction and maintenance activities identifying the type of activity, the work performed, and work zone information including work zone configuration and safety (e.g., a record of intrusions and vehicle speeds) information. For construction activities, this information also includes a description of the completed infrastructure, including as-built plans as applicable. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADOT Systems Maintenance	ADOT TOC Traffic Information Center	current infrastructure restrictions	Existing	Restrictions levied on transportation asset usage based on infrastructure design, surveys, tests, or analyses. This includes standard facility design height, width, and weight restrictions, special restrictions such as spring weight restrictions, and temporary facility restrictions that are imposed during maintenance and construction.
ADOT Systems Maintenance	ADOT TOC Traffic Information Center	maint and constr work plans	Existing	Future construction and maintenance work schedules and activities including anticipated closures with anticipated impact to the roadway, alternate routes, anticipated delays, closure times, and durations.
ADOT Systems Maintenance	ADOT TOC Traffic Information Center	roadway maintenance status	Existing	Summary of maintenance fleet operations affecting the road network. This includes the status of winter maintenance (snow plow schedule and current status).
ADOT Systems Maintenance	Map Update System	current infrastructure restrictions	Planned	Restrictions levied on transportation asset usage based on infrastructure design, surveys, tests, or analyses. This includes standard facility design height, width, and weight restrictions, special restrictions such as spring weight restrictions, and temporary facility restrictions that are imposed during maintenance and construction.
ADOT Systems Maintenance	Public Private Traveler Information	current infrastructure restrictions	Planned	Restrictions levied on transportation asset usage based on infrastructure design, surveys, tests, or analyses. This includes standard facility design height, width, and weight restrictions, special restrictions such as spring weight restrictions, and temporary facility restrictions that are imposed during maintenance and construction.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Systems Maintenance	Public Private Traveler Information	maint and constr work plans	Planned	Future construction and maintenance work schedules and activities including anticipated closures with anticipated impact to the roadway, alternate routes, anticipated delays, closure times, and durations.
ADOT Systems Maintenance	Public Private Traveler Information	road weather information	Planned	Road conditions and weather information that are made available by road maintenance operations to other transportation system operators.
ADOT Systems Maintenance	Public Private Traveler Information	roadway maintenance status	Planned	Summary of maintenance fleet operations affecting the road network. This includes the status of winter maintenance (snow plow schedule and current status).
ADOT Systems Maintenance	Public Private Traveler Information	work zone information	Planned	Summary of maintenance and construction work zone activities affecting the road network including the nature of the maintenance or construction activity, location, impact to the roadway, expected time(s) and duration of impact, anticipated delays, alternate routes, and suggested speed limits. This information may be augmented with images that provide a visual indication of current work zone status and traffic impacts.
ADOT Systems Maintenance Vehicles	ADOT Maintenance Work Zone Field Equipment	roadway dynamic signage data	Planned	Information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support remote management of these devices.
ADOT Systems Maintenance Vehicles	ADOT Maintenance Work Zone Field Equipment	work zone warning notification	Planned	Notification of a work zone emergency or safety issue. This flow identifies that a work zone emergency or safety issue has occurred so that warnings may be generated by more than one system in the work zone.
ADOT Systems Maintenance Vehicles	ADOT Systems Maintenance	environmental sensor data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
ADOT Systems Maintenance Vehicles	ADOT Systems Maintenance	maint and constr dispatch status	Planned	Current maintenance and construction status including work data, operator status, crew status, and equipment status.
ADOT Systems Maintenance Vehicles	ADOT Systems Maintenance	maint and constr vehicle conditions	Existing	Vehicle diagnostics information that is collected, filtered, and selectively reported by a maintenance and construction vehicle. The information includes engine temperature, mileage, tire wear, brake wear, belt wear, and any warnings or alarms concerning the operational condition of the vehicle and ancillary equipment.
ADOT Systems Maintenance Vehicles	ADOT Systems Maintenance	maint and constr vehicle location data	Planned	The current location and related status (e.g., direction and speed) of the maintenance/construction vehicle.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Systems Maintenance Vehicles	ADOT Systems Maintenance	maint and constr vehicle operational data	Planned	Data that describes the maintenance and construction activity performed by the vehicle. Operational data includes materials usage (amount stored and current application rate), operational state of the maintenance equipment (e.g., blade up/down, spreader pattern), vehicle safety status, and other measures associated with the operation of a maintenance, construction, or other special purpose vehicle. Operational data may include basic operational status of the vehicle equipment or a more precise record of the work performed (e.g., application of crack sealant with precise locations and application characteristics).
ADOT Systems Maintenance Vehicles	ADOT Systems Maintenance	work zone status	Planned	Current work zone status including current location (and future locations for moving work zones), impact to the roadway, required lane shifts, expected time(s) and duration of impact, anticipated delays, alternate routes, and suggested speed limits.
ADOT Systems Maintenance Vehicles	ADOT Systems Maintenance	work zone warning status	Existing	Status of a work zone safety monitoring and warning devices. This flow documents system activations and includes additional supporting information (e.g., an image) that allows verification of the alarm.
ADOT TOC and EMC	ADOT 511 IVR	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT TOC and EMC	ADOT 511 Website	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT TOC and EMC	ADOT 511 Website	incident information for public	Existing	Report of current desensitized incident information prepared for public dissemination.
ADOT TOC and EMC	ADOT 511 Website	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT TOC and EMC	ADOT 511 Website	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	ADOT 511 Website	traffic image meta data	Existing	Meta data that describes traffic images. Traffic images (video) are in another flow.
ADOT TOC and EMC	ADOT 511 Website	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	ADOT AZ 511 App	incident information for media	Existing	Report of current desensitized incident information prepared for public dissemination through the media.
ADOT TOC and EMC	ADOT AZ 511 App	traffic image meta data	Existing	Meta data that describes traffic images. Traffic images (video) are in another flow.
ADOT TOC and EMC	ADOT AZ 511 App	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT TOC and EMC	ADOT Communications PIO	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT TOC and EMC	ADOT Communications PIO	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT TOC and EMC	ADOT Communications PIO	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT TOC and EMC	ADOT Communications PIO	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT TOC and EMC	ADOT CV Roadside Equipment	automated lane control data	Planned	Control commands and operating parameters for automated vehicle operations, including tightly coupled platooned groups of vehicles operating in dedicated or mixed-mode lanes. This flow includes platoon parameters including maximum platoon size, target speeds and gaps, and vehicle restrictions.
ADOT TOC and EMC	ADOT CV Roadside Equipment	intersection management application info	Planned	Intersection and device configuration data, including intersection geometry, and warning parameters and thresholds. This flow also supports remote control of the application so the application can be taken offline, reset, or restarted.
ADOT TOC and EMC	ADOT CV Roadside Equipment	speed management application information	Planned	Current speed targets, advisories, and limits including time of day, week, or season speed limits as necessary, and application parameters and thresholds. This flow also supports remote control of the application so the application can be taken offline, reset, or restarted.
ADOT TOC and EMC	ADOT DEOC-Dept EM Ops Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	ADOT DEOC-Dept EM Ops Center	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT TOC and EMC	ADOT DEOC-Dept EM Ops Center	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT TOC and EMC	ADOT DEOC-Dept EM Ops Center	device control request	Planned	Request for device control action
ADOT TOC and EMC	ADOT DEOC-Dept EM Ops Center	device data	Planned	Data from detectors, environmental sensor stations, roadside equipment, and traffic control devices, including device inventory information.
ADOT TOC and EMC	ADOT DEOC-Dept EM Ops Center	device status	Planned	Status information from devices
ADOT TOC and EMC	ADOT DEOC-Dept EM Ops Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT TOC and EMC	ADOT DEOC-Dept EM Ops Center	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
ADOT TOC and EMC	ADOT DEOC-Dept EM Ops Center	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
ADOT TOC and EMC	ADOT DEOC-Dept EM Ops Center	emergency traffic coordination	Existing	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
ADOT TOC and EMC	ADOT DEOC-Dept EM Ops Center	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT TOC and EMC	ADOT DEOC-Dept EM Ops Center	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	ADOT DEOC-Dept EM Ops Center	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT TOC and EMC	ADOT DEOC-Dept EM Ops Center	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT TOC and EMC	ADOT DEOC-Dept EM Ops Center	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT TOC and EMC	ADOT DEOC-Dept EM Ops Center	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT TOC and EMC	ADOT DEOC-Dept EM Ops Center	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT TOC and EMC	ADOT DEOC-Dept EM Ops Center	remote surveillance control	Planned	The control commands used to remotely operate another center's sensors or surveillance equipment so that roadside surveillance assets can be shared by more than one agency.
ADOT TOC and EMC	ADOT DEOC-Dept EM Ops Center	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT TOC and EMC	ADOT DEOC-Dept EM Ops Center	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT TOC and EMC	ADOT DEOC-Dept EM Ops Center	resource request	Existing	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	ADOT DEOC-Dept EM Ops Center	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT TOC and EMC	ADOT DEOC-Dept EM Ops Center	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	ADOT DEOC-Dept EM Ops Center	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc).
ADOT TOC and EMC	ADOT DEOC-Dept EM Ops Center	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT TOC and EMC	ADOT DEOC-Dept EM Ops Center	traffic image meta data	Planned	Meta data that describes traffic images. Traffic images (video) are in another flow.
ADOT TOC and EMC	ADOT DEOC-Dept EM Ops Center	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT TOC and EMC	ADOT DEOC-Dept EM Ops Center	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	ADOT DEOC-Dept EM Ops Center	wrong way vehicle notification	Planned	Notification to public safety that a vehicle has been detected traveling in the wrong direction. It includes information about the vehicle (make, model, color, other identification data) and the current location, speed, acceleration, and heading of the wrong way vehicle.
ADOT TOC and EMC	ADOT DUST Detection System	barrier system control	Planned	Information used to configure and control barrier systems that are represented by gates, barriers and other automated or remotely controlled systems used to manage entry to roadways.
ADOT TOC and EMC	ADOT DUST Detection System	environmental sensor control	Existing	Data used to configure and control environmental sensors.
ADOT TOC and EMC	ADOT DUST Detection System	lane management control	Planned	Information used to configure and control dynamic lane management systems.
ADOT TOC and EMC	ADOT DUST Detection System	mixed use safety warning control	Existing	Configuration and control of equipment that monitors and manages mixed use crossings and provides visual displays and warnings to drivers when non-motorized users are occupying a cross walk or other mixed use path crossing.
ADOT TOC and EMC	ADOT DUST Detection System	passive vehicle monitoring control	Existing	Control commands used to control detection systems that rely on infrastructure-based identification of individual vehicles to measure travel times and other related measures by identifying the same vehicle at different points in the network. Related technologies include Bluetooth readers and license plate recognition systems.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	ADOT DUST Detection System	reversible lane control	Planned	Control of automated reversible lane configuration and driver information systems.
ADOT TOC and EMC	ADOT DUST Detection System	roadway advisory radio data	Planned	Information used to initialize, configure, and control roadside highway advisory radio. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support remote management of these systems.
ADOT TOC and EMC	ADOT DUST Detection System	roadway dynamic signage data	Existing	Information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support remote management of these devices.
ADOT TOC and EMC	ADOT DUST Detection System	roadway warning system control	Existing	Information used to configure and control roadway warning systems.
ADOT TOC and EMC	ADOT DUST Detection System	safeguard system control	Planned	Data that controls safeguard systems (remotely controlled equipment used to mitigate the impact of incidents on transportation infrastructure, such as blast shields, exhaust systems, etc.).
ADOT TOC and EMC	ADOT DUST Detection System	signal control commands	Existing	Control of traffic signal controllers or field masters including clock synchronization.
ADOT TOC and EMC	ADOT DUST Detection System	signal control device configuration	Existing	Data used to configure traffic signal control equipment including local controllers and system masters.
ADOT TOC and EMC	ADOT DUST Detection System	signal control plans	Planned	Traffic signal timing parameters including minimum green time and interval durations for basic operation and cycle length, splits, offset, phase sequence, etc. for coordinated systems.
ADOT TOC and EMC	ADOT DUST Detection System	signal system configuration	Planned	Data used to configure traffic signal systems including configuring control sections and mode of operation (time based or traffic responsive).
ADOT TOC and EMC	ADOT DUST Detection System	speed monitoring control	Planned	Information used to configure and control automated speed monitoring, speed warning, and speed enforcement systems.
ADOT TOC and EMC	ADOT DUST Detection System	traffic detector control	Existing	Information used to configure and control traffic detector systems such as inductive loop detectors and machine vision sensors.
ADOT TOC and EMC	ADOT DUST Detection System	traffic metering control	Existing	Control commands and operating parameters for ramp meters, interchange meters, mainline meters, and other systems equipment associated with roadway metering operations.
ADOT TOC and EMC	ADOT DUST Detection System	variable speed limit control	Planned	Information used to configure and control variable speed limit systems including the equipment used to provide current speed limits and other information to drivers.
ADOT TOC and EMC	ADOT DUST Detection System	video surveillance control	Existing	Information used to configure and control video surveillance systems.
ADOT TOC and EMC	ADOT ECD CVO Administration Center	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	ADOT ECD CVO Administration Center	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT TOC and EMC	ADOT ECD CVO Administration Center	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT TOC and EMC	ADOT ECD CVO Administration Center	emergency traffic control information	Planned	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
ADOT TOC and EMC	ADOT ECD CVO Administration Center	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT TOC and EMC	ADOT ECD CVO Administration Center	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT TOC and EMC	ADOT ECD CVO Administration Center	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT TOC and EMC	ADOT ECD CVO Administration Center	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT TOC and EMC	ADOT ECD CVO Administration Center	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT TOC and EMC	ADOT ECD CVO Administration Center	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	ADOT ECD CVO Administration Center	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT TOC and EMC	ADOT ECD CVO Administration Center	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT TOC and EMC	ADOT ECD CVO Administration Center	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
ADOT TOC and EMC	ADOT ECD CVO Administration Center	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT TOC and EMC	ADOT ECD CVO Administration Center	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	ADOT ECD CVO Administration Center	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT TOC and EMC	ADOT ECD CVO Administration Center	traffic image meta data	Planned	Meta data that describes traffic images. Traffic images (video) are in another flow.
ADOT TOC and EMC	ADOT ECD CVO Administration Center	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT TOC and EMC	ADOT ECD CVO Administration Center	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	ADOT ECD CVO Administration Center	wrong way vehicle notification	Planned	Notification to public safety that a vehicle has been detected traveling in the wrong direction. It includes information about the vehicle (make, model, color, other identification data) and the current location, speed, acceleration, and heading of the wrong way vehicle.
ADOT TOC and EMC	ADOT ECD Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT TOC and EMC	ADOT ECD Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	ADOT ECD Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT TOC and EMC	ADOT ECD Dispatch	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
ADOT TOC and EMC	ADOT ECD Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT TOC and EMC	ADOT ECD Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT TOC and EMC	ADOT ECD Dispatch	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT TOC and EMC	ADOT ECD Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT TOC and EMC	ADOT ECD Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT TOC and EMC	ADOT ECD Dispatch	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT TOC and EMC	ADOT ECD Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	ADOT ECD Dispatch	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT TOC and EMC	ADOT ECD Dispatch	resource request	Existing	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
ADOT TOC and EMC	ADOT ECD Dispatch	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT TOC and EMC	ADOT ECD Dispatch	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	ADOT ECD Dispatch	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT TOC and EMC	ADOT ECD Dispatch	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT TOC and EMC	ADOT ECD Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	ADOT ECD Operational Communications	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT TOC and EMC	ADOT ECD Operational Communications	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT TOC and EMC	ADOT ECD Operational Communications	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	ADOT ECD Operational Communications	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT TOC and EMC	ADOT ECD Operational Communications	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT TOC and EMC	ADOT ECD Operational Communications	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT TOC and EMC	ADOT ECD Operational Communications	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	ADOT Engineering Districts	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT TOC and EMC	ADOT Engineering Districts	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT TOC and EMC	ADOT Engineering Districts	environmental conditions data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors and aggregated by the data collector. Attributes relating to the data collection (and aggregation) are also included.
ADOT TOC and EMC	ADOT Engineering Districts	equipment maintenance request	Existing	Identification of field equipment requiring repair and known information about the associated faults.
ADOT TOC and EMC	ADOT Engineering Districts	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	ADOT Engineering Districts	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT TOC and EMC	ADOT Engineering Districts	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT TOC and EMC	ADOT Engineering Districts	maint and constr resource request	Existing	Request for road maintenance and construction resources that can be used in the diversion of traffic (cones, portable signs), clearance of a road hazard, repair of ancillary damage, or any other incident response. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of resources.
ADOT TOC and EMC	ADOT Engineering Districts	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT TOC and EMC	ADOT Engineering Districts	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	ADOT Engineering Districts	threat information	Planned	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc).
ADOT TOC and EMC	ADOT Engineering Districts	traffic image meta data	Planned	Meta data that describes traffic images. Traffic images (video) are in another flow.
ADOT TOC and EMC	ADOT Engineering Districts	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT TOC and EMC	ADOT Engineering Districts	transportation system status	Existing	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	ADOT Engineering Districts	work plan feedback	Existing	Comments and suggested changes to proposed construction and maintenance work schedules and activities. This information influences work plan schedules so that they minimize impact to other system operations and the overall transportation system.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	ADOT HazMat Response Data Archive	emergency archive data	Existing	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADOT TOC and EMC	ADOT HazMat Response Data Archive	traffic archive data	Existing	Information describing the use and vehicle composition on transportation facilities and the traffic control strategies employed. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADOT TOC and EMC	ADOT HazMat Response Team	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT TOC and EMC	ADOT HazMat Response Team	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT TOC and EMC	ADOT HazMat Response Team	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT TOC and EMC	ADOT HazMat Response Team	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT TOC and EMC	ADOT HazMat Response Team	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
ADOT TOC and EMC	ADOT HazMat Response Team	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	ADOT HazMat Response Team	emergency traffic coordination	Existing	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
ADOT TOC and EMC	ADOT HazMat Response Team	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT TOC and EMC	ADOT HazMat Response Team	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
ADOT TOC and EMC	ADOT HazMat Response Team	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT TOC and EMC	ADOT HazMat Response Team	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT TOC and EMC	ADOT HazMat Response Team	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT TOC and EMC	ADOT HazMat Response Team	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT TOC and EMC	ADOT HazMat Response Team	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT TOC and EMC	ADOT HazMat Response Team	remote surveillance control	Existing	The control commands used to remotely operate another center's sensors or surveillance equipment so that roadside surveillance assets can be shared by more than one agency.
ADOT TOC and EMC	ADOT HazMat Response Team	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	ADOT HazMat Response Team	resource deployment status	Existing	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT TOC and EMC	ADOT HazMat Response Team	resource request	Existing	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
ADOT TOC and EMC	ADOT HazMat Response Team	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT TOC and EMC	ADOT HazMat Response Team	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	ADOT HazMat Response Team	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
ADOT TOC and EMC	ADOT HazMat Response Team	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT TOC and EMC	ADOT HazMat Response Team	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT TOC and EMC	ADOT HazMat Response Team	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	ADOT HPMS Data Archive	emergency archive data	Existing	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADOT TOC and EMC	ADOT HPMS Data Archive	traffic archive data	Existing	Information describing the use and vehicle composition on transportation facilities and the traffic control strategies employed. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	ADOT Incident Response Unit (IRU)	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT TOC and EMC	ADOT Incident Response Unit (IRU)	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT TOC and EMC	ADOT Incident Response Unit (IRU)	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT TOC and EMC	ADOT Incident Response Unit (IRU)	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT TOC and EMC	ADOT Incident Response Unit (IRU)	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT TOC and EMC	ADOT Incident Response Unit (IRU)	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT TOC and EMC	ADOT Incident Response Unit (IRU)	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT TOC and EMC	ADOT Incident Response Unit (IRU)	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT TOC and EMC	ADOT Incident Response Unit (IRU)	maint and constr resource request	Existing	Request for road maintenance and construction resources that can be used in the diversion of traffic (cones, portable signs), clearance of a road hazard, repair of ancillary damage, or any other incident response. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of resources.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	ADOT Incident Response Unit (IRU)	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT TOC and EMC	ADOT Incident Response Unit (IRU)	resource request	Existing	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
ADOT TOC and EMC	ADOT Incident Response Unit (IRU)	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT TOC and EMC	ADOT IRU Vehicles	service patrol dispatch request	Existing	Service patrol dispatch instructions including incident location and available information concerning the incident.
ADOT TOC and EMC	ADOT ITS Field Equipment	barrier system control	Planned	Information used to configure and control barrier systems that are represented by gates, barriers and other automated or remotely controlled systems used to manage entry to roadways.
ADOT TOC and EMC	ADOT ITS Field Equipment	environmental sensor control	Planned	Data used to configure and control environmental sensors.
ADOT TOC and EMC	ADOT ITS Field Equipment	lane management control	Planned	Information used to configure and control dynamic lane management systems.
ADOT TOC and EMC	ADOT ITS Field Equipment	passive vehicle monitoring control	Existing	Control commands used to control detection systems that rely on infrastructure-based identification of individual vehicles to measure travel times and other related measures by identifying the same vehicle at different points in the network. Related technologies include Bluetooth readers and license plate recognition systems.
ADOT TOC and EMC	ADOT ITS Field Equipment	rail crossing control data	Planned	Data required for HRI information transmitted at railroad grade crossings and within railroad operations.
ADOT TOC and EMC	ADOT ITS Field Equipment	rail crossing request	Planned	A request for highway-rail intersection status or a specific control request intended to modify HRI operation.
ADOT TOC and EMC	ADOT ITS Field Equipment	reversible lane control	Planned	Control of automated reversible lane configuration and driver information systems.
ADOT TOC and EMC	ADOT ITS Field Equipment	roadway advisory radio data	Planned	Information used to initialize, configure, and control roadside highway advisory radio. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support remote management of these systems.
ADOT TOC and EMC	ADOT ITS Field Equipment	roadway dynamic signage data	Existing	Information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support remote management of these devices.
ADOT TOC and EMC	ADOT ITS Field Equipment	roadway warning system control	Existing	Information used to configure and control roadway warning systems.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	ADOT ITS Field Equipment	safeguard system control	Planned	Data that controls safeguard systems (remotely controlled equipment used to mitigate the impact of incidents on transportation infrastructure, such as blast shields, exhaust systems, etc.).
ADOT TOC and EMC	ADOT ITS Field Equipment	signal control commands	Existing	Control of traffic signal controllers or field masters including clock synchronization.
ADOT TOC and EMC	ADOT ITS Field Equipment	signal control device configuration	Existing	Data used to configure traffic signal control equipment including local controllers and system masters.
ADOT TOC and EMC	ADOT ITS Field Equipment	signal control plans	Existing	Traffic signal timing parameters including minimum green time and interval durations for basic operation and cycle length, splits, offset, phase sequence, etc. for coordinated systems.
ADOT TOC and EMC	ADOT ITS Field Equipment	signal system configuration	Existing	Data used to configure traffic signal systems including configuring control sections and mode of operation (time based or traffic responsive).
ADOT TOC and EMC	ADOT ITS Field Equipment	speed monitoring control	Planned	Information used to configure and control automated speed monitoring, speed warning, and speed enforcement systems.
ADOT TOC and EMC	ADOT ITS Field Equipment	traffic detector control	Existing	Information used to configure and control traffic detector systems such as inductive loop detectors and machine vision sensors.
ADOT TOC and EMC	ADOT ITS Field Equipment	traffic metering control	Existing	Control commands and operating parameters for ramp meters, interchange meters, mainline meters, and other systems equipment associated with roadway metering operations.
ADOT TOC and EMC	ADOT ITS Field Equipment	variable speed limit control	Planned	Information used to configure and control variable speed limit systems including the equipment used to provide current speed limits and other information to drivers.
ADOT TOC and EMC	ADOT ITS Field Equipment	video surveillance control	Existing	Information used to configure and control video surveillance systems.
ADOT TOC and EMC	ADOT Mainline Detection	automated lane control data	Planned	Control commands and operating parameters for automated vehicle operations, including tightly coupled platooned groups of vehicles operating in dedicated or mixed-mode lanes. This flow includes platoon parameters including maximum platoon size, target speeds and gaps, and vehicle restrictions.
ADOT TOC and EMC	ADOT Mainline Detection	barrier system control	Planned	Information used to configure and control barrier systems that are represented by gates, barriers and other automated or remotely controlled systems used to manage entry to roadways.
ADOT TOC and EMC	ADOT Mainline Detection	environmental monitoring application info	Planned	Environmental monitoring application parameters and thresholds that control the filtering, aggregation, and range of measures that are collected, derived, and reported. This flow also supports remote control of the application so the application can be taken offline, reset, or restarted.
ADOT TOC and EMC	ADOT Mainline Detection	environmental sensor control	Existing	Data used to configure and control environmental sensors.
ADOT TOC and EMC	ADOT Mainline Detection	intersection management application info	Planned	Intersection and device configuration data, including intersection geometry, and warning parameters and thresholds. This flow also supports remote control of the application so the application can be taken offline, reset, or restarted.
ADOT TOC and EMC	ADOT Mainline Detection	lane management control	Planned	Information used to configure and control dynamic lane management systems.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	ADOT Mainline Detection	passive vehicle monitoring control	Planned	Control commands used to control detection systems that rely on infrastructure-based identification of individual vehicles to measure travel times and other related measures by identifying the same vehicle at different points in the network. Related technologies include Bluetooth readers and license plate recognition systems.
ADOT TOC and EMC	ADOT Mainline Detection	rail crossing control data	Planned	Data required for HRI information transmitted at railroad grade crossings and within railroad operations.
ADOT TOC and EMC	ADOT Mainline Detection	rail crossing request	Planned	A request for highway-rail intersection status or a specific control request intended to modify HRI operation.
ADOT TOC and EMC	ADOT Mainline Detection	reversible lane control	Planned	Control of automated reversible lane configuration and driver information systems.
ADOT TOC and EMC	ADOT Mainline Detection	road closure application info	Planned	Road closure signing application configuration data and messaging parameters. This flow identifies the vehicles that may initiate the road closure. This flow also provides access lists, groups, or classifications where selected vehicles are to be allowed access to the closed area.
ADOT TOC and EMC	ADOT Mainline Detection	roadway advisory radio data	Planned	Information used to initialize, configure, and control roadside highway advisory radio. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support remote management of these systems.
ADOT TOC and EMC	ADOT Mainline Detection	roadway warning system control	Planned	Information used to configure and control roadway warning systems.
ADOT TOC and EMC	ADOT Mainline Detection	safeguard system control	Planned	Data that controls safeguard systems (remotely controlled equipment used to mitigate the impact of incidents on transportation infrastructure, such as blast shields, exhaust systems, etc.).
ADOT TOC and EMC	ADOT Mainline Detection	signal control commands	Planned	Control of traffic signal controllers or field masters including clock synchronization.
ADOT TOC and EMC	ADOT Mainline Detection	signal control device configuration	Existing	Data used to configure traffic signal control equipment including local controllers and system masters.
ADOT TOC and EMC	ADOT Mainline Detection	signal control plans	Existing	Traffic signal timing parameters including minimum green time and interval durations for basic operation and cycle length, splits, offset, phase sequence, etc. for coordinated systems.
ADOT TOC and EMC	ADOT Mainline Detection	signal system configuration	Existing	Data used to configure traffic signal systems including configuring control sections and mode of operation (time based or traffic responsive).
ADOT TOC and EMC	ADOT Mainline Detection	speed management application information	Planned	Current speed targets, advisories, and limits including time of day, week, or season speed limits as necessary, and application parameters and thresholds. This flow also supports remote control of the application so the application can be taken offline, reset, or restarted.
ADOT TOC and EMC	ADOT Mainline Detection	speed monitoring control	Planned	Information used to configure and control automated speed monitoring, speed warning, and speed enforcement systems.
ADOT TOC and EMC	ADOT Mainline Detection	traffic detector control	Existing	Information used to configure and control traffic detector systems such as inductive loop detectors and machine vision sensors.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	ADOT Mainline Detection	traffic metering control	Existing	Control commands and operating parameters for ramp meters, interchange meters, mainline meters, and other systems equipment associated with roadway metering operations.
ADOT TOC and EMC	ADOT Mainline Detection	variable speed limit control	Existing	Information used to configure and control variable speed limit systems including the equipment used to provide current speed limits and other information to drivers.
ADOT TOC and EMC	ADOT Mainline Detection	vehicle signage application info	Planned	In-vehicle signing application configuration data and messaging parameters. This flow provides a list of regulatory, warning, and information messages to be displayed and parameters that support scheduling and prioritizing messages to be issued to passing vehicles. This flow also supports remote control of the application so the application can be taken offline, reset, or restarted.
ADOT TOC and EMC	ADOT Mainline Detection	video surveillance control	Existing	Information used to configure and control video surveillance systems.
ADOT TOC and EMC	ADOT Maintenance Work Zone Field Equipment	automated lane control data	Planned	Control commands and operating parameters for automated vehicle operations, including tightly coupled platooned groups of vehicles operating in dedicated or mixed-mode lanes. This flow includes platoon parameters including maximum platoon size, target speeds and gaps, and vehicle restrictions.
ADOT TOC and EMC	ADOT Maintenance Work Zone Field Equipment	environmental monitoring application info	Planned	Environmental monitoring application parameters and thresholds that control the filtering, aggregation, and range of measures that are collected, derived, and reported. This flow also supports remote control of the application so the application can be taken offline, reset, or restarted.
ADOT TOC and EMC	ADOT Maintenance Work Zone Field Equipment	environmental sensor control	Planned	Data used to configure and control environmental sensors.
ADOT TOC and EMC	ADOT Maintenance Work Zone Field Equipment	intersection management application info	Planned	Intersection and device configuration data, including intersection geometry, and warning parameters and thresholds. This flow also supports remote control of the application so the application can be taken offline, reset, or restarted.
ADOT TOC and EMC	ADOT Maintenance Work Zone Field Equipment	lane management control	Planned	Information used to configure and control dynamic lane management systems.
ADOT TOC and EMC	ADOT Maintenance Work Zone Field Equipment	lighting system control data	Existing	Information used to configure and control roadside lighting systems.
ADOT TOC and EMC	ADOT Maintenance Work Zone Field Equipment	passive vehicle monitoring control	Planned	Control commands used to control detection systems that rely on infrastructure-based identification of individual vehicles to measure travel times and other related measures by identifying the same vehicle at different points in the network. Related technologies include Bluetooth readers and license plate recognition systems.
ADOT TOC and EMC	ADOT Maintenance Work Zone Field Equipment	reversible lane control	Planned	Control of automated reversible lane configuration and driver information systems.
ADOT TOC and EMC	ADOT Maintenance Work Zone Field Equipment	road closure application info	Planned	Road closure signing application configuration data and messaging parameters. This flow identifies the vehicles that may initiate the road closure. This flow also provides access lists, groups, or classifications where selected vehicles are to be allowed access to the closed area.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	ADOT Maintenance Work Zone Field Equipment	roadway dynamic signage data	Existing	Information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support remote management of these devices.
ADOT TOC and EMC	ADOT Maintenance Work Zone Field Equipment	roadway warning system control	Planned	Information used to configure and control roadway warning systems.
ADOT TOC and EMC	ADOT Maintenance Work Zone Field Equipment	safeguard system control	Planned	Data that controls safeguard systems (remotely controlled equipment used to mitigate the impact of incidents on transportation infrastructure, such as blast shields, exhaust systems, etc.).
ADOT TOC and EMC	ADOT Maintenance Work Zone Field Equipment	speed management application information	Planned	Current speed targets, advisories, and limits including time of day, week, or season speed limits as necessary, and application parameters and thresholds. This flow also supports remote control of the application so the application can be taken offline, reset, or restarted.
ADOT TOC and EMC	ADOT Maintenance Work Zone Field Equipment	speed monitoring control	Planned	Information used to configure and control automated speed monitoring, speed warning, and speed enforcement systems.
ADOT TOC and EMC	ADOT Maintenance Work Zone Field Equipment	traffic detector control	Existing	Information used to configure and control traffic detector systems such as inductive loop detectors and machine vision sensors.
ADOT TOC and EMC	ADOT Maintenance Work Zone Field Equipment	traffic metering control	Planned	Control commands and operating parameters for ramp meters, interchange meters, mainline meters, and other systems equipment associated with roadway metering operations.
ADOT TOC and EMC	ADOT Maintenance Work Zone Field Equipment	variable speed limit control	Planned	Information used to configure and control variable speed limit systems including the equipment used to provide current speed limits and other information to drivers.
ADOT TOC and EMC	ADOT Maintenance Work Zone Field Equipment	vehicle signage application info	Planned	In-vehicle signing application configuration data and messaging parameters. This flow provides a list of regulatory, warning, and information messages to be displayed and parameters that support scheduling and prioritizing messages to be issued to passing vehicles. This flow also supports remote control of the application so the application can be taken offline, reset, or restarted.
ADOT TOC and EMC	ADOT Maintenance Work Zone Field Equipment	video surveillance control	Existing	Information used to configure and control video surveillance systems.
ADOT TOC and EMC	ADOT Motor Vehicle Division (MVD) Database	emergency archive data	Planned	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADOT TOC and EMC	ADOT Motor Vehicle Division (MVD) Database	traffic archive data	Planned	Information describing the use and vehicle composition on transportation facilities and the traffic control strategies employed. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	ADOT Regional Traffic Operations	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT TOC and EMC	ADOT Regional Traffic Operations	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT TOC and EMC	ADOT Regional Traffic Operations	emergency traffic control request	Planned	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
ADOT TOC and EMC	ADOT Regional Traffic Operations	emergency traffic coordination	Planned	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
ADOT TOC and EMC	ADOT Regional Traffic Operations	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
ADOT TOC and EMC	ADOT Regional Traffic Operations	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT TOC and EMC	ADOT Regional Traffic Operations	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT TOC and EMC	ADOT Regional Traffic Operations	maint and constr resource request	Planned	Request for road maintenance and construction resources that can be used in the diversion of traffic (cones, portable signs), clearance of a road hazard, repair of ancillary damage, or any other incident response. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of resources.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	ADOT Regional Traffic Operations	remote surveillance control	Planned	The control commands used to remotely operate another center's sensors or surveillance equipment so that roadside surveillance assets can be shared by more than one agency.
ADOT TOC and EMC	ADOT Regional Traffic Operations	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT TOC and EMC	ADOT Regional Traffic Operations	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
ADOT TOC and EMC	ADOT Regional Traffic Operations	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT TOC and EMC	ADOT Regional Traffic Operations	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	ADOT Regional Traffic Operations	threat information	Planned	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
ADOT TOC and EMC	ADOT Regional Traffic Operations	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT TOC and EMC	ADOT Regional Traffic Operations	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	ADOT Regional Traffic Operations	work plan feedback	Planned	Comments and suggested changes to proposed construction and maintenance work schedules and activities. This information influences work plan schedules so that they minimize impact to other system operations and the overall transportation system.
ADOT TOC and EMC	ADOT Roadside Comm Equipment	barrier system control	Planned	Information used to configure and control barrier systems that are represented by gates, barriers and other automated or remotely controlled systems used to manage entry to roadways.
ADOT TOC and EMC	ADOT Roadside Comm Equipment	environmental sensor control	Existing	Data used to configure and control environmental sensors.
ADOT TOC and EMC	ADOT Roadside Comm Equipment	lane management control	Planned	Information used to configure and control dynamic lane management systems.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	ADOT Roadside Comm Equipment	lighting system control data	Existing	Information used to configure and control roadside lighting systems.
ADOT TOC and EMC	ADOT Roadside Comm Equipment	passive vehicle monitoring control	Planned	Control commands used to control detection systems that rely on infrastructure-based identification of individual vehicles to measure travel times and other related measures by identifying the same vehicle at different points in the network. Related technologies include Bluetooth readers and license plate recognition systems.
ADOT TOC and EMC	ADOT Roadside Comm Equipment	rail crossing control data	Planned	Data required for HRI information transmitted at railroad grade crossings and within railroad operations.
ADOT TOC and EMC	ADOT Roadside Comm Equipment	rail crossing request	Planned	A request for highway-rail intersection status or a specific control request intended to modify HRI operation.
ADOT TOC and EMC	ADOT Roadside Comm Equipment	reversible lane control	Planned	Control of automated reversible lane configuration and driver information systems.
ADOT TOC and EMC	ADOT Roadside Comm Equipment	roadway advisory radio data	Planned	Information used to initialize, configure, and control roadside highway advisory radio. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support remote management of these systems.
ADOT TOC and EMC	ADOT Roadside Comm Equipment	roadway dynamic signage data	Existing	Information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support remote management of these devices.
ADOT TOC and EMC	ADOT Roadside Comm Equipment	roadway warning system control	Existing	Information used to configure and control roadway warning systems.
ADOT TOC and EMC	ADOT Roadside Comm Equipment	safeguard system control	Planned	Data that controls safeguard systems (remotely controlled equipment used to mitigate the impact of incidents on transportation infrastructure, such as blast shields, exhaust systems, etc.).
ADOT TOC and EMC	ADOT Roadside Comm Equipment	signal control commands	Existing	Control of traffic signal controllers or field masters including clock synchronization.
ADOT TOC and EMC	ADOT Roadside Comm Equipment	signal control device configuration	Existing	Data used to configure traffic signal control equipment including local controllers and system masters.
ADOT TOC and EMC	ADOT Roadside Comm Equipment	signal control plans	Existing	Traffic signal timing parameters including minimum green time and interval durations for basic operation and cycle length, splits, offset, phase sequence, etc. for coordinated systems.
ADOT TOC and EMC	ADOT Roadside Comm Equipment	signal system configuration	Existing	Data used to configure traffic signal systems including configuring control sections and mode of operation (time based or traffic responsive).
ADOT TOC and EMC	ADOT Roadside Comm Equipment	speed monitoring control	Planned	Information used to configure and control automated speed monitoring, speed warning, and speed enforcement systems.
ADOT TOC and EMC	ADOT Roadside Comm Equipment	traffic detector control	Existing	Information used to configure and control traffic detector systems such as inductive loop detectors and machine vision sensors.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	ADOT Roadside Comm Equipment	traffic metering control	Existing	Control commands and operating parameters for ramp meters, interchange meters, mainline meters, and other systems equipment associated with roadway metering operations.
ADOT TOC and EMC	ADOT Roadside Comm Equipment	variable speed limit control	Planned	Information used to configure and control variable speed limit systems including the equipment used to provide current speed limits and other information to drivers.
ADOT TOC and EMC	ADOT Roadside Comm Equipment	video surveillance control	Existing	Information used to configure and control video surveillance systems.
ADOT TOC and EMC	ADOT RWIS	barrier system control	Planned	Information used to configure and control barrier systems that are represented by gates, barriers and other automated or remotely controlled systems used to manage entry to roadways.
ADOT TOC and EMC	ADOT RWIS	environmental sensor control	Existing	Data used to configure and control environmental sensors.
ADOT TOC and EMC	ADOT RWIS	lane management control	Planned	Information used to configure and control dynamic lane management systems.
ADOT TOC and EMC	ADOT RWIS	passive vehicle monitoring control	Existing	Control commands used to control detection systems that rely on infrastructure-based identification of individual vehicles to measure travel times and other related measures by identifying the same vehicle at different points in the network. Related technologies include Bluetooth readers and license plate recognition systems.
ADOT TOC and EMC	ADOT RWIS	reversible lane control	Planned	Control of automated reversible lane configuration and driver information systems.
ADOT TOC and EMC	ADOT RWIS	roadway advisory radio data	Planned	Information used to initialize, configure, and control roadside highway advisory radio. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support remote management of these systems.
ADOT TOC and EMC	ADOT RWIS	roadway dynamic signage data	Existing	Information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support remote management of these devices.
ADOT TOC and EMC	ADOT RWIS	roadway warning system control	Existing	Information used to configure and control roadway warning systems.
ADOT TOC and EMC	ADOT RWIS	safeguard system control	Planned	Data that controls safeguard systems (remotely controlled equipment used to mitigate the impact of incidents on transportation infrastructure, such as blast shields, exhaust systems, etc.).
ADOT TOC and EMC	ADOT RWIS	signal control commands	Existing	Control of traffic signal controllers or field masters including clock synchronization.
ADOT TOC and EMC	ADOT RWIS	signal control device configuration	Existing	Data used to configure traffic signal control equipment including local controllers and system masters.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	ADOT RWIS	signal control plans	Existing	Traffic signal timing parameters including minimum green time and interval durations for basic operation and cycle length, splits, offset, phase sequence, etc. for coordinated systems.
ADOT TOC and EMC	ADOT RWIS	signal system configuration	Existing	Data used to configure traffic signal systems including configuring control sections and mode of operation (time based or traffic responsive).
ADOT TOC and EMC	ADOT RWIS	speed monitoring control	Planned	Information used to configure and control automated speed monitoring, speed warning, and speed enforcement systems.
ADOT TOC and EMC	ADOT RWIS	traffic detector control	Existing	Information used to configure and control traffic detector systems such as inductive loop detectors and machine vision sensors.
ADOT TOC and EMC	ADOT RWIS	traffic metering control	Existing	Control commands and operating parameters for ramp meters, interchange meters, mainline meters, and other systems equipment associated with roadway metering operations.
ADOT TOC and EMC	ADOT RWIS	variable speed limit control	Planned	Information used to configure and control variable speed limit systems including the equipment used to provide current speed limits and other information to drivers.
ADOT TOC and EMC	ADOT RWIS	video surveillance control	Existing	Information used to configure and control video surveillance systems.
ADOT TOC and EMC	ADOT Systems Maintenance	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT TOC and EMC	ADOT Systems Maintenance	environmental conditions data	Existing	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors and aggregated by the data collector. Attributes relating to the data collection (and aggregation) are also included.
ADOT TOC and EMC	ADOT Systems Maintenance	equipment maintenance request	Existing	Identification of field equipment requiring repair and known information about the associated faults.
ADOT TOC and EMC	ADOT Systems Maintenance	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
ADOT TOC and EMC	ADOT Systems Maintenance	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT TOC and EMC	ADOT Systems Maintenance	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	ADOT Systems Maintenance	maint and constr resource request	Existing	Request for road maintenance and construction resources that can be used in the diversion of traffic (cones, portable signs), clearance of a road hazard, repair of ancillary damage, or any other incident response. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of resources.
ADOT TOC and EMC	ADOT Systems Maintenance	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT TOC and EMC	ADOT Systems Maintenance	road network status assessment	Existing	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	ADOT Systems Maintenance	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc).
ADOT TOC and EMC	ADOT Systems Maintenance	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT TOC and EMC	ADOT Systems Maintenance	transportation system status	Existing	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	ADOT Systems Maintenance	work plan feedback	Existing	Comments and suggested changes to proposed construction and maintenance work schedules and activities. This information influences work plan schedules so that they minimize impact to other system operations and the overall transportation system.
ADOT TOC and EMC	ADOT TOC Data Archive	emergency archive data	Planned	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADOT TOC and EMC	ADOT TOC Data Archive	traffic archive data	Planned	Information describing the use and vehicle composition on transportation facilities and the traffic control strategies employed. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	ADOT TOC Traffic Information Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT TOC and EMC	ADOT TOC Traffic Information Center	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
ADOT TOC and EMC	ADOT TOC Traffic Information Center	incident information for public	Existing	Report of current desensitized incident information prepared for public dissemination.
ADOT TOC and EMC	ADOT TOC Traffic Information Center	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT TOC and EMC	ADOT TOC Traffic Information Center	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT TOC and EMC	ADOT TOC Traffic Information Center	transportation system status	Existing	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	ADOT Wrong Way Driver Detection System	barrier system control	Planned	Information used to configure and control barrier systems that are represented by gates, barriers and other automated or remotely controlled systems used to manage entry to roadways.
ADOT TOC and EMC	ADOT Wrong Way Driver Detection System	environmental sensor control	Planned	Data used to configure and control environmental sensors.
ADOT TOC and EMC	ADOT Wrong Way Driver Detection System	lane management control	Planned	Information used to configure and control dynamic lane management systems.
ADOT TOC and EMC	ADOT Wrong Way Driver Detection System	passive vehicle monitoring control	Planned	Control commands used to control detection systems that rely on infrastructure-based identification of individual vehicles to measure travel times and other related measures by identifying the same vehicle at different points in the network. Related technologies include Bluetooth readers and license plate recognition systems.
ADOT TOC and EMC	ADOT Wrong Way Driver Detection System	reversible lane control	Planned	Control of automated reversible lane configuration and driver information systems.
ADOT TOC and EMC	ADOT Wrong Way Driver Detection System	roadway advisory radio data	Planned	Information used to initialize, configure, and control roadside highway advisory radio. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support remote management of these systems.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	ADOT Wrong Way Driver Detection System	roadway dynamic signage data	Planned	Information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support remote management of these devices.
ADOT TOC and EMC	ADOT Wrong Way Driver Detection System	roadway warning system control	Planned	Information used to configure and control roadway warning systems.
ADOT TOC and EMC	ADOT Wrong Way Driver Detection System	safeguard system control	Planned	Data that controls safeguard systems (remotely controlled equipment used to mitigate the impact of incidents on transportation infrastructure, such as blast shields, exhaust systems, etc.).
ADOT TOC and EMC	ADOT Wrong Way Driver Detection System	signal control commands	Planned	Control of traffic signal controllers or field masters including clock synchronization.
ADOT TOC and EMC	ADOT Wrong Way Driver Detection System	signal control device configuration	Planned	Data used to configure traffic signal control equipment including local controllers and system masters.
ADOT TOC and EMC	ADOT Wrong Way Driver Detection System	signal control plans	Planned	Traffic signal timing parameters including minimum green time and interval durations for basic operation and cycle length, splits, offset, phase sequence, etc. for coordinated systems.
ADOT TOC and EMC	ADOT Wrong Way Driver Detection System	signal system configuration	Planned	Data used to configure traffic signal systems including configuring control sections and mode of operation (time based or traffic responsive).
ADOT TOC and EMC	ADOT Wrong Way Driver Detection System	speed monitoring control	Planned	Information used to configure and control automated speed monitoring, speed warning, and speed enforcement systems.
ADOT TOC and EMC	ADOT Wrong Way Driver Detection System	traffic detector control	Planned	Information used to configure and control traffic detector systems such as inductive loop detectors and machine vision sensors.
ADOT TOC and EMC	ADOT Wrong Way Driver Detection System	traffic metering control	Planned	Control commands and operating parameters for ramp meters, interchange meters, mainline meters, and other systems equipment associated with roadway metering operations.
ADOT TOC and EMC	ADOT Wrong Way Driver Detection System	variable speed limit control	Planned	Information used to configure and control variable speed limit systems including the equipment used to provide current speed limits and other information to drivers.
ADOT TOC and EMC	ADOT Wrong Way Driver Detection System	video surveillance control	Planned	Information used to configure and control video surveillance systems.
ADOT TOC and EMC	AZTech RADS Data Archive	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT TOC and EMC	AZTech RADS Data Archive	device data	Existing	Data from detectors, environmental sensor stations, roadside equipment, and traffic control devices, including device inventory information.
ADOT TOC and EMC	AZTech RADS Data Archive	device status	Existing	Status information from devices

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	AZTech RADS Data Archive	emergency archive data	Planned	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADOT TOC and EMC	AZTech RADS Data Archive	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT TOC and EMC	AZTech RADS Data Archive	emergency traffic coordination	Planned	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
ADOT TOC and EMC	AZTech RADS Data Archive	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
ADOT TOC and EMC	AZTech RADS Data Archive	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT TOC and EMC	AZTech RADS Data Archive	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
ADOT TOC and EMC	AZTech RADS Data Archive	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT TOC and EMC	AZTech RADS Data Archive	threat information	Planned	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
ADOT TOC and EMC	AZTech RADS Data Archive	traffic archive data	Planned	Information describing the use and vehicle composition on transportation facilities and the traffic control strategies employed. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADOT TOC and EMC	AZTech RADS Data Archive	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	AZTech RADS Data Archive	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	AZTech Regional Info System (ARIS)	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT TOC and EMC	AZTech Regional Info System (ARIS)	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT TOC and EMC	AZTech Traffic Ops Center	device control request	Existing	Request for device control action
ADOT TOC and EMC	AZTech Traffic Ops Center	device data	Existing	Data from detectors, environmental sensor stations, roadside equipment, and traffic control devices, including device inventory information.
ADOT TOC and EMC	AZTech Traffic Ops Center	device status	Existing	Status information from devices
ADOT TOC and EMC	AZTech Traffic Ops Center	emergency traffic coordination	Existing	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
ADOT TOC and EMC	AZTech Traffic Ops Center	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT TOC and EMC	AZTech Traffic Ops Center	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT TOC and EMC	AZTech Traffic Ops Center	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT TOC and EMC	Caltrans TMC	emergency traffic coordination	Planned	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	CHP Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT TOC and EMC	CHP Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT TOC and EMC	CHP Dispatch	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT TOC and EMC	CHP Dispatch	emergency traffic control information	Planned	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
ADOT TOC and EMC	CHP Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT TOC and EMC	CHP Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT TOC and EMC	CHP Dispatch	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT TOC and EMC	CHP Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT TOC and EMC	CHP Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	CHP Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT TOC and EMC	CHP Dispatch	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT TOC and EMC	CHP Dispatch	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT TOC and EMC	CHP Dispatch	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	CHP Dispatch	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT TOC and EMC	CHP Dispatch	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT TOC and EMC	CHP Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	Cities and Towns EOC-EMC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT TOC and EMC	Cities and Towns EOC-EMC	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT TOC and EMC	Cities and Towns EOC-EMC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT TOC and EMC	Cities and Towns EOC-EMC	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	Cities and Towns EOC-EMC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reenry times.
ADOT TOC and EMC	Cities and Towns EOC-EMC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT TOC and EMC	Cities and Towns EOC-EMC	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT TOC and EMC	Cities and Towns EOC-EMC	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT TOC and EMC	Cities and Towns EOC-EMC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT TOC and EMC	Cities and Towns EOC-EMC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT TOC and EMC	Cities and Towns EOC-EMC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT TOC and EMC	Cities and Towns EOC-EMC	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT TOC and EMC	Cities and Towns EOC-EMC	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	Cities and Towns EOC-EMC	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT TOC and EMC	Cities and Towns EOC-EMC	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	Cities and Towns EOC-EMC	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT TOC and EMC	Cities and Towns EOC-EMC	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT TOC and EMC	Cities and Towns EOC-EMC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	Cities and Towns TMC-TOC	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT TOC and EMC	Cities and Towns TMC-TOC	device control request	Planned	Request for device control action
ADOT TOC and EMC	Cities and Towns TMC-TOC	device data	Planned	Data from detectors, environmental sensor stations, roadside equipment, and traffic control devices, including device inventory information.
ADOT TOC and EMC	Cities and Towns TMC-TOC	device status	Planned	Status information from devices
ADOT TOC and EMC	Cities and Towns TMC-TOC	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT TOC and EMC	Cities and Towns TMC-TOC	emergency traffic control request	Planned	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	Cities and Towns TMC-TOC	emergency traffic coordination	Planned	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
ADOT TOC and EMC	Cities and Towns TMC-TOC	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
ADOT TOC and EMC	Cities and Towns TMC-TOC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT TOC and EMC	Cities and Towns TMC-TOC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT TOC and EMC	Cities and Towns TMC-TOC	remote surveillance control	Planned	The control commands used to remotely operate another center's sensors or surveillance equipment so that roadside surveillance assets can be shared by more than one agency.
ADOT TOC and EMC	Cities and Towns TMC-TOC	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT TOC and EMC	Cities and Towns TMC-TOC	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
ADOT TOC and EMC	Cities and Towns TMC-TOC	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT TOC and EMC	Cities and Towns TMC-TOC	threat information	Planned	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
ADOT TOC and EMC	Cities and Towns TMC-TOC	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	Cities and Towns TMC-TOC	transportation operational strategies	Planned	Operational strategies for each operating agency in a transportation corridor, downtown area, or other travel-impacted area, providing an integrated operations strategy for the freeways, tollways, arterials, transit services, parking facilities, and other transportation-related facilities in the area. These strategies can include dynamic adjustments to transit fares and tolls, parking fees and restrictions, dynamic lane restriction changes, and other active demand management strategies.
ADOT TOC and EMC	Cities and Towns TMC-TOC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	County 911 PSAPs	incident information for public	Existing	Report of current desensitized incident information prepared for public dissemination.
ADOT TOC and EMC	County 911 PSAPs	incident notification response	Existing	Interactive acknowledgement and verification of the incident information received, requests for additional information, and general information on incident response status.
ADOT TOC and EMC	County EMC-EOC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT TOC and EMC	County EMC-EOC	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT TOC and EMC	County EMC-EOC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT TOC and EMC	County EMC-EOC	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
ADOT TOC and EMC	County EMC-EOC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT TOC and EMC	County EMC-EOC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	County EMC-EOC	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT TOC and EMC	County EMC-EOC	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT TOC and EMC	County EMC-EOC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT TOC and EMC	County EMC-EOC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT TOC and EMC	County EMC-EOC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT TOC and EMC	County EMC-EOC	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT TOC and EMC	County EMC-EOC	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
ADOT TOC and EMC	County EMC-EOC	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT TOC and EMC	County EMC-EOC	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	County EMC-EOC	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	County EMC-EOC	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT TOC and EMC	County EMC-EOC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	County Sheriff Dispatch	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT TOC and EMC	County Sheriff Dispatch	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT TOC and EMC	County Sheriff Dispatch	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT TOC and EMC	County Sheriff Dispatch	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
ADOT TOC and EMC	County Sheriff Dispatch	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT TOC and EMC	County Sheriff Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT TOC and EMC	County Sheriff Dispatch	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	County Sheriff Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT TOC and EMC	County Sheriff Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT TOC and EMC	County Sheriff Dispatch	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT TOC and EMC	County Sheriff Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT TOC and EMC	County Sheriff Dispatch	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT TOC and EMC	County Sheriff Dispatch	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
ADOT TOC and EMC	County Sheriff Dispatch	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT TOC and EMC	County Sheriff Dispatch	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	County Sheriff Dispatch	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT TOC and EMC	County Sheriff Dispatch	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT TOC and EMC	County Sheriff Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	County TMC-TOC	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT TOC and EMC	County TMC-TOC	device control request	Planned	Request for device control action
ADOT TOC and EMC	County TMC-TOC	device data	Planned	Data from detectors, environmental sensor stations, roadside equipment, and traffic control devices, including device inventory information.
ADOT TOC and EMC	County TMC-TOC	device status	Planned	Status information from devices
ADOT TOC and EMC	County TMC-TOC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT TOC and EMC	County TMC-TOC	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
ADOT TOC and EMC	County TMC-TOC	emergency traffic coordination	Existing	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
ADOT TOC and EMC	County TMC-TOC	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
ADOT TOC and EMC	County TMC-TOC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT TOC and EMC	County TMC-TOC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	County TMC-TOC	remote surveillance control	Planned	The control commands used to remotely operate another center's sensors or surveillance equipment so that roadside surveillance assets can be shared by more than one agency.
ADOT TOC and EMC	County TMC-TOC	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT TOC and EMC	County TMC-TOC	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
ADOT TOC and EMC	County TMC-TOC	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT TOC and EMC	County TMC-TOC	threat information	Planned	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
ADOT TOC and EMC	County TMC-TOC	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT TOC and EMC	County TMC-TOC	transportation operational strategies	Planned	Operational strategies for each operating agency in a transportation corridor, downtown area, or other travel-impacted area, providing an integrated operations strategy for the freeways, tollways, arterials, transit services, parking facilities, and other transportation-related facilities in the area. These strategies can include dynamic adjustments to transit fares and tolls, parking fees and restrictions, dynamic lane restriction changes, and other active demand management strategies.
ADOT TOC and EMC	County TMC-TOC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	DEMA CRT - HazMat Response Team	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	DEMA CRT - HazMat Response Team	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT TOC and EMC	DEMA CRT - HazMat Response Team	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT TOC and EMC	DEMA CRT - HazMat Response Team	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT TOC and EMC	DEMA CRT - HazMat Response Team	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT TOC and EMC	DEMA CRT - HazMat Response Team	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT TOC and EMC	DEMA CRT - HazMat Response Team	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT TOC and EMC	DEMA CRT - HazMat Response Team	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT TOC and EMC	DEMA CRT - HazMat Response Team	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT TOC and EMC	DEMA CRT - HazMat Response Team	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	DEMA CRT - HazMat Response Team	resource deployment status	Existing	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT TOC and EMC	DEMA CRT - HazMat Response Team	resource request	Existing	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
ADOT TOC and EMC	DEMA Emergency Alert System	threat data for analysis	Planned	Data from surveillance or sensor equipment in secure areas provided for further analysis.
ADOT TOC and EMC	DEMA Emergency Alert System	threat information	Planned	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
ADOT TOC and EMC	DEMA Enforcement	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT TOC and EMC	DEMA Enforcement	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT TOC and EMC	DEMA Enforcement	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT TOC and EMC	DEMA Enforcement	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT TOC and EMC	DEMA Enforcement	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT TOC and EMC	DEMA Enforcement	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT TOC and EMC	DEMA Enforcement	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	DEMA Enforcement	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT TOC and EMC	DEMA Enforcement	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	DEMA SEOC Arizona DEM Military Affairs	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT TOC and EMC	DEMA SEOC Arizona DEM Military Affairs	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT TOC and EMC	DEMA SEOC Arizona DEM Military Affairs	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT TOC and EMC	DEMA SEOC Arizona DEM Military Affairs	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
ADOT TOC and EMC	DEMA SEOC Arizona DEM Military Affairs	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT TOC and EMC	DEMA SEOC Arizona DEM Military Affairs	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT TOC and EMC	DEMA SEOC Arizona DEM Military Affairs	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT TOC and EMC	DEMA SEOC Arizona DEM Military Affairs	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	DEMA SEOC Arizona DEM Military Affairs	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT TOC and EMC	DEMA SEOC Arizona DEM Military Affairs	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT TOC and EMC	DEMA SEOC Arizona DEM Military Affairs	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT TOC and EMC	DEMA SEOC Arizona DEM Military Affairs	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT TOC and EMC	DEMA SEOC Arizona DEM Military Affairs	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	DEMA SEOC Arizona DEM Military Affairs	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT TOC and EMC	DEMA SEOC Arizona DEM Military Affairs	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	DEMA WebEOC System	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT TOC and EMC	DEMA WebEOC System	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT TOC and EMC	DEMA WebEOC System	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	DEMA WebEOC System	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT TOC and EMC	DEMA WebEOC System	incident information for public	Existing	Report of current desensitized incident information prepared for public dissemination.
ADOT TOC and EMC	DEMA WebEOC System	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT TOC and EMC	DEMA WebEOC System	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT TOC and EMC	DEMA WebEOC System	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT TOC and EMC	DEMA WebEOC System	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT TOC and EMC	DEMA WebEOC System	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	DPS Central Communications Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT TOC and EMC	DPS Central Communications Center	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT TOC and EMC	DPS Central Communications Center	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT TOC and EMC	DPS Central Communications Center	device control request	Existing	Request for device control action
ADOT TOC and EMC	DPS Central Communications Center	device data	Existing	Data from detectors, environmental sensor stations, roadside equipment, and traffic control devices, including device inventory information.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	DPS Central Communications Center	device status	Existing	Status information from devices
ADOT TOC and EMC	DPS Central Communications Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT TOC and EMC	DPS Central Communications Center	emergency route request	Planned	Request for access routes for emergency response vehicles and equipment. This may be a request for ingress or egress routes or other emergency routes. It may also include a request for preemption/priority for the identified vehicle at all signalized intersections along the route.
ADOT TOC and EMC	DPS Central Communications Center	emergency routes	Existing	Suggested ingress and egress routes for access to and between the scene and staging areas or other specialized emergency access routes.
ADOT TOC and EMC	DPS Central Communications Center	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
ADOT TOC and EMC	DPS Central Communications Center	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
ADOT TOC and EMC	DPS Central Communications Center	emergency traffic coordination	Existing	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
ADOT TOC and EMC	DPS Central Communications Center	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT TOC and EMC	DPS Central Communications Center	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
ADOT TOC and EMC	DPS Central Communications Center	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	DPS Central Communications Center	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT TOC and EMC	DPS Central Communications Center	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT TOC and EMC	DPS Central Communications Center	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT TOC and EMC	DPS Central Communications Center	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT TOC and EMC	DPS Central Communications Center	remote surveillance control	Existing	The control commands used to remotely operate another center's sensors or surveillance equipment so that roadside surveillance assets can be shared by more than one agency.
ADOT TOC and EMC	DPS Central Communications Center	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT TOC and EMC	DPS Central Communications Center	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT TOC and EMC	DPS Central Communications Center	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
ADOT TOC and EMC	DPS Central Communications Center	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT TOC and EMC	DPS Central Communications Center	road network status assessment	Existing	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	DPS Central Communications Center	special vehicle restricted use information	Planned	Parameters necessary for implementing unrestricted access to controlled access or toll facilities by special vehicles; e.g., maintenance vehicles, emergency vehicles, etc.
ADOT TOC and EMC	DPS Central Communications Center	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
ADOT TOC and EMC	DPS Central Communications Center	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT TOC and EMC	DPS Central Communications Center	traffic image meta data	Planned	Meta data that describes traffic images. Traffic images (video) are in another flow.
ADOT TOC and EMC	DPS Central Communications Center	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT TOC and EMC	DPS Central Communications Center	transportation system status	Existing	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	DPS Central Communications Center	wrong way vehicle notification	Planned	Notification to public safety that a vehicle has been detected traveling in the wrong direction. It includes information about the vehicle (make, model, color, other identification data) and the current location, speed, acceleration, and heading of the wrong way vehicle.
ADOT TOC and EMC	DPS Commercial Vehicle Enforcement	request for enforcement	Planned	Request for traffic enforcement of speed limits, lane controls, etc. on a roadway including in a work zone or other special situations.
ADOT TOC and EMC	DPS Console Interface (Other LE)	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT TOC and EMC	DPS Console Interface (Other LE)	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT TOC and EMC	DPS Console Interface (Other LE)	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT TOC and EMC	DPS Console Interface (Other LE)	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT TOC and EMC	DPS Console Interface (Other LE)	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	DPS Console Interface (Other LE)	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT TOC and EMC	DPS Console Interface (Other LE)	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT TOC and EMC	DPS Console Interface (Other LE)	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT TOC and EMC	DPS Console Interface (Other LE)	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	DPS Network Operations Center - NOC	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT TOC and EMC	DPS Network Operations Center - NOC	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT TOC and EMC	DPS Network Operations Center - NOC	device control request	Planned	Request for device control action
ADOT TOC and EMC	DPS Network Operations Center - NOC	device data	Planned	Data from detectors, environmental sensor stations, roadside equipment, and traffic control devices, including device inventory information.
ADOT TOC and EMC	DPS Network Operations Center - NOC	device status	Planned	Status information from devices
ADOT TOC and EMC	DPS Network Operations Center - NOC	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT TOC and EMC	DPS Network Operations Center - NOC	emergency traffic control information	Planned	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	DPS Network Operations Center - NOC	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reenry times.
ADOT TOC and EMC	DPS Network Operations Center - NOC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT TOC and EMC	DPS Network Operations Center - NOC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT TOC and EMC	DPS Network Operations Center - NOC	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT TOC and EMC	DPS Network Operations Center - NOC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT TOC and EMC	DPS Network Operations Center - NOC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT TOC and EMC	DPS Network Operations Center - NOC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT TOC and EMC	DPS Network Operations Center - NOC	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT TOC and EMC	DPS Network Operations Center - NOC	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	DPS Network Operations Center - NOC	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT TOC and EMC	DPS Network Operations Center - NOC	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	DPS Network Operations Center - NOC	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT TOC and EMC	DPS Network Operations Center - NOC	traffic image meta data	Planned	Meta data that describes traffic images. Traffic images (video) are in another flow.
ADOT TOC and EMC	DPS Network Operations Center - NOC	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT TOC and EMC	DPS Network Operations Center - NOC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	DPS Network Operations Center - NOC	wrong way vehicle notification	Planned	Notification to public safety that a vehicle has been detected traveling in the wrong direction. It includes information about the vehicle (make, model, color, other identification data) and the current location, speed, acceleration, and heading of the wrong way vehicle.
ADOT TOC and EMC	Local Print and Broadcast Media	incident information for media	Existing	Report of current desensitized incident information prepared for public dissemination through the media.
ADOT TOC and EMC	Local Print and Broadcast Media	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT TOC and EMC	Local Print and Broadcast Media	traffic information for media	Existing	Report of traffic conditions including traffic incident reports for public dissemination through the media. The reports may also include information on diversions and alternate routes, closures, and special traffic restrictions in effect.
ADOT TOC and EMC	Map Update System	map update notification	Planned	Notification of maintenance, construction, and other activities that will result in medium to long term changes to road location and configuration that may impact navigable maps. This flow includes the timing of the changes and precise enumeration of the location and configuration changes. It also includes updated static speed limits (perhaps other regulatory rules/signage - no U turns, etc.) and default travel times.
ADOT TOC and EMC	Maricopa County EOC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	Maricopa County EOC	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT TOC and EMC	Maricopa County EOC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT TOC and EMC	Maricopa County EOC	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
ADOT TOC and EMC	Maricopa County EOC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT TOC and EMC	Maricopa County EOC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT TOC and EMC	Maricopa County EOC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT TOC and EMC	Maricopa County EOC	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT TOC and EMC	Maricopa County EOC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT TOC and EMC	Maricopa County EOC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.

Information Flows – Tabular Format (sorted by Source Element)

RAD-IT Table

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	Maricopa County EOC	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT TOC and EMC	Maricopa County EOC	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT TOC and EMC	Maricopa County EOC	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	Maricopa County EOC	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT TOC and EMC	Maricopa County EOC	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT TOC and EMC	Maricopa County EOC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	NDOT TOC - FAST TMC	device control request	Planned	Request for device control action
ADOT TOC and EMC	NDOT TOC - FAST TMC	device data	Planned	Data from detectors, environmental sensor stations, roadside equipment, and traffic control devices, including device inventory information.
ADOT TOC and EMC	NDOT TOC - FAST TMC	device status	Planned	Status information from devices
ADOT TOC and EMC	NDOT TOC - FAST TMC	emergency traffic coordination	Planned	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
ADOT TOC and EMC	NDOT TOC - FAST TMC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	NDOT TOC - FAST TMC	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT TOC and EMC	NDOT TOC - FAST TMC	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT TOC and EMC	Nevada State Police Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT TOC and EMC	Nevada State Police Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT TOC and EMC	Nevada State Police Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT TOC and EMC	Nevada State Police Dispatch	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
ADOT TOC and EMC	Nevada State Police Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT TOC and EMC	Nevada State Police Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT TOC and EMC	Nevada State Police Dispatch	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT TOC and EMC	Nevada State Police Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	Nevada State Police Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT TOC and EMC	Nevada State Police Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT TOC and EMC	Nevada State Police Dispatch	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT TOC and EMC	Nevada State Police Dispatch	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT TOC and EMC	Nevada State Police Dispatch	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	Nevada State Police Dispatch	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT TOC and EMC	Nevada State Police Dispatch	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT TOC and EMC	Nevada State Police Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	New Mexico Statewide TMC	device control request	Planned	Request for device control action
ADOT TOC and EMC	New Mexico Statewide TMC	device data	Planned	Data from detectors, environmental sensor stations, roadside equipment, and traffic control devices, including device inventory information.
ADOT TOC and EMC	New Mexico Statewide TMC	device status	Planned	Status information from devices
ADOT TOC and EMC	New Mexico Statewide TMC	emergency traffic coordination	Planned	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	New Mexico Statewide TMC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT TOC and EMC	New Mexico Statewide TMC	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT TOC and EMC	New Mexico Statewide TMC	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT TOC and EMC	NOAA_National Weather Service	environmental conditions data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors and aggregated by the data collector. Attributes relating to the data collection (and aggregation) are also included.
ADOT TOC and EMC	Public Private Traveler Information	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT TOC and EMC	Public Private Traveler Information	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
ADOT TOC and EMC	Public Private Traveler Information	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
ADOT TOC and EMC	Public Private Traveler Information	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT TOC and EMC	Public Private Traveler Information	traffic control information	Existing	Represents the flow of traffic control and status information between centers. This is reporting only, not actual control. This specifically includes the current state of any demand management strategies that have been implemented.
ADOT TOC and EMC	Public Private Traveler Information	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	Public Private Traveler Information	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	Railroad Operations Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT TOC and EMC	Social Media and Networking	alert notification for social media	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public via social media. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This version of the flow contains only publicly available information and is structured and formatted for publication on specific social media platforms and other public-facing sites.
ADOT TOC and EMC	Tribal Public Safety Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT TOC and EMC	Tribal Public Safety Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT TOC and EMC	Tribal Public Safety Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT TOC and EMC	Tribal Public Safety Dispatch	emergency routes	Planned	Suggested ingress and egress routes for access to and between the scene and staging areas or other specialized emergency access routes.
ADOT TOC and EMC	Tribal Public Safety Dispatch	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
ADOT TOC and EMC	Tribal Public Safety Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	Tribal Public Safety Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT TOC and EMC	Tribal Public Safety Dispatch	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT TOC and EMC	Tribal Public Safety Dispatch	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT TOC and EMC	Tribal Public Safety Dispatch	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
ADOT TOC and EMC	Tribal Public Safety Dispatch	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT TOC and EMC	Tribal Public Safety Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT TOC and EMC	Tribal Public Safety Dispatch	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT TOC and EMC	Tribal Public Safety Dispatch	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
ADOT TOC and EMC	Tribal Public Safety Dispatch	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	Tribal Public Safety Dispatch	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	Tribal Public Safety Dispatch	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT TOC and EMC	Tribal Public Safety Dispatch	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT TOC and EMC	Tribal Public Safety Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	Tribal TMC-TOC-TIC	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT TOC and EMC	Tribal TMC-TOC-TIC	device control request	Planned	Request for device control action
ADOT TOC and EMC	Tribal TMC-TOC-TIC	device data	Planned	Data from detectors, environmental sensor stations, roadside equipment, and traffic control devices, including device inventory information.
ADOT TOC and EMC	Tribal TMC-TOC-TIC	device status	Planned	Status information from devices
ADOT TOC and EMC	Tribal TMC-TOC-TIC	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT TOC and EMC	Tribal TMC-TOC-TIC	emergency traffic control request	Planned	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
ADOT TOC and EMC	Tribal TMC-TOC-TIC	emergency traffic coordination	Planned	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
ADOT TOC and EMC	Tribal TMC-TOC-TIC	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	Tribal TMC-TOC-TIC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT TOC and EMC	Tribal TMC-TOC-TIC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
ADOT TOC and EMC	Tribal TMC-TOC-TIC	remote surveillance control	Planned	The control commands used to remotely operate another center's sensors or surveillance equipment so that roadside surveillance assets can be shared by more than one agency.
ADOT TOC and EMC	Tribal TMC-TOC-TIC	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT TOC and EMC	Tribal TMC-TOC-TIC	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
ADOT TOC and EMC	Tribal TMC-TOC-TIC	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT TOC and EMC	Tribal TMC-TOC-TIC	threat information	Planned	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
ADOT TOC and EMC	Tribal TMC-TOC-TIC	traffic control information	Planned	Represents the flow of traffic control and status information between centers. This is reporting only, not actual control. This specifically includes the current state of any demand management strategies that have been implemented.
ADOT TOC and EMC	Tribal TMC-TOC-TIC	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT TOC and EMC	Tribal TMC-TOC-TIC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	Utah State Police Dispatch	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
ADOT TOC and EMC	Utah State Police Dispatch	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT TOC and EMC	Utah State Police Dispatch	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
ADOT TOC and EMC	Utah State Police Dispatch	emergency traffic control information	Planned	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
ADOT TOC and EMC	Utah State Police Dispatch	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
ADOT TOC and EMC	Utah State Police Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
ADOT TOC and EMC	Utah State Police Dispatch	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
ADOT TOC and EMC	Utah State Police Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
ADOT TOC and EMC	Utah State Police Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	Utah State Police Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
ADOT TOC and EMC	Utah State Police Dispatch	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
ADOT TOC and EMC	Utah State Police Dispatch	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ADOT TOC and EMC	Utah State Police Dispatch	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	Utah State Police Dispatch	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
ADOT TOC and EMC	Utah State Police Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT TOC and EMC	Utah Statewide TMC	emergency traffic coordination	Planned	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
ADOT TOC and EMC	Wide Area Alerting Systems	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
ADOT TOC and EMC	Wide Area Alerting Systems	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
ADOT TOC and EMC	Wide Area Alerting Systems	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
ADOT TOC and EMC	Wide Area Alerting Systems	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC and EMC	Wide Area Alerting Systems	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ADOT TOC and EMC	Wide Area Alerting Systems	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
ADOT TOC Data Archive	ADOT Asset Management Systems	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
ADOT TOC Data Archive	ADOT HazMat Response Data Archive	archive coordination	Existing	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
ADOT TOC Data Archive	ADOT HPMS Data Archive	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
ADOT TOC Data Archive	ADOT HPMS Data Archive	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
ADOT TOC Data Archive	ADOT HPMS Data User System	archived data products	Existing	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
ADOT TOC Data Archive	ADOT Incident Response Unit (IRU)	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
ADOT TOC Data Archive	ADOT ITS Field Equipment	data collection and monitoring control	Planned	Information used to configure and control data collection and monitoring systems.
ADOT TOC Data Archive	ADOT Maintenance Work Zone Field Equipment	data collection and monitoring control	Planned	Information used to configure and control data collection and monitoring systems.
ADOT TOC Data Archive	ADOT Motor Vehicle Division (MVD) Database	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
ADOT TOC Data Archive	ADOT Regional Traffic Operations	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
ADOT TOC Data Archive	ADOT Roadside Comm Equipment	data collection and monitoring control	Planned	Information used to configure and control data collection and monitoring systems.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC Data Archive	ADOT Systems Maintenance	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
ADOT TOC Data Archive	ADOT TOC and EMC	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
ADOT TOC Data Archive	ADOT TOC Data User System	archive analysis results	Planned	Processed information products, supporting meta data, and any associated transaction information resulting from data mining, analytical processing, aggregation or summarization, report formulation, or other on-line processing and analysis of archived data.
ADOT TOC Data Archive	ADOT TOC Data User System	archive request confirmation	Planned	Confirmation that an archive request has been received and processed with information on the disposition of the request.
ADOT TOC Data Archive	ADOT TOC Data User System	archived data products	Existing	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
ADOT TOC Data Archive	ADOT TOC Traffic Information Center	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
ADOT TOC Data Archive	ADOT Wrong Way Driver Detection System	data collection and monitoring control	Existing	Information used to configure and control data collection and monitoring systems.
ADOT TOC Data Archive	Archive Data Users	archive analysis results	Planned	Processed information products, supporting meta data, and any associated transaction information resulting from data mining, analytical processing, aggregation or summarization, report formulation, or other on-line processing and analysis of archived data.
ADOT TOC Data Archive	Archive Data Users	archive request confirmation	Planned	Confirmation that an archive request has been received and processed with information on the disposition of the request.
ADOT TOC Data Archive	Archive Data Users	archived data products	Existing	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
ADOT TOC Data Archive	AZTech RADS Data Archive	archive coordination	Existing	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
ADOT TOC Data Archive	AZTech RADS Data Archive	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
ADOT TOC Data Archive	AZTech RADS Data User System	archive analysis results	Existing	Processed information products, supporting meta data, and any associated transaction information resulting from data mining, analytical processing, aggregation or summarization, report formulation, or other on-line processing and analysis of archived data.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC Data Archive	AZTech RADS Data User System	archive request confirmation	Planned	Confirmation that an archive request has been received and processed with information on the disposition of the request.
ADOT TOC Data Archive	AZTech RADS Data User System	archived data products	Existing	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
ADOT TOC Data Archive	AZTech Regional Info System (ARIS)	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
ADOT TOC Data Archive	MAG Data User Systems	archive analysis results	Planned	Processed information products, supporting meta data, and any associated transaction information resulting from data mining, analytical processing, aggregation or summarization, report formulation, or other on-line processing and analysis of archived data.
ADOT TOC Data Archive	MAG Data User Systems	archive request confirmation	Planned	Confirmation that an archive request has been received and processed with information on the disposition of the request.
ADOT TOC Data Archive	MAG Data User Systems	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
ADOT TOC Data Archive	State Universities Data Archives	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
ADOT TOC Data Archive	State Universities Data Archives	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
ADOT TOC Data User System	ADOT TOC Data Archive	archive analysis requests	Planned	A user request that initiates data mining, analytical processing, aggregation or summarization, report formulation, or other advanced processing and analysis of archived data. The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
ADOT TOC Data User System	ADOT TOC Data Archive	archived data product requests	Existing	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
ADOT TOC Data User System	DPS Data Archive	archive analysis requests	Planned	A user request that initiates data mining, analytical processing, aggregation or summarization, report formulation, or other advanced processing and analysis of archived data. The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
ADOT TOC Data User System	DPS Data Archive	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
ADOT TOC Data User System	MAG Planning Traffic Database	archive analysis requests	Planned	A user request that initiates data mining, analytical processing, aggregation or summarization, report formulation, or other advanced processing and analysis of archived data. The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC Data User System	MAG Planning Traffic Database	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
ADOT TOC Data User System	MPO-COG Planning Traffic Database	archive analysis requests	Planned	A user request that initiates data mining, analytical processing, aggregation or summarization, report formulation, or other advanced processing and analysis of archived data. The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
ADOT TOC Data User System	MPO-COG Planning Traffic Database	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
ADOT TOC Data User System	PAG Planning Traffic Database	archive analysis requests	Planned	A user request that initiates data mining, analytical processing, aggregation or summarization, report formulation, or other advanced processing and analysis of archived data. The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
ADOT TOC Data User System	PAG Planning Traffic Database	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
ADOT TOC Data User System	State Universities Data Archives	archive analysis requests	Planned	A user request that initiates data mining, analytical processing, aggregation or summarization, report formulation, or other advanced processing and analysis of archived data. The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
ADOT TOC Data User System	State Universities Data Archives	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
ADOT TOC Traffic Information Center	ADOT 511 Website	emergency traveler information	Existing	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
ADOT TOC Traffic Information Center	ADOT DEOC-Dept EM Ops Center	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT TOC Traffic Information Center	ADOT ECD Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT TOC Traffic Information Center	ADOT Engineering Districts	road network environmental situation data	Planned	Aggregated environmental situation data collected from vehicles and other sources for the road network. Aggregated information would include measured air temperature, exterior light status, wiper status, sun sensor status, rain sensor status, traction control status, ALB status, and other collected vehicle system status and sensor information for the region.
ADOT TOC Traffic Information Center	ADOT Incident Response Unit (IRU)	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.

Information Flows – Tabular Format (sorted by Source Element)

RAD-IT Table

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC Traffic Information Center	ADOT Systems Maintenance	road network environmental situation data	Existing	Aggregated environmental situation data collected from vehicles and other sources for the road network. Aggregated information would include measured air temperature, exterior light status, wiper status, sun sensor status, rain sensor status, traction control status, ALB status, and other collected vehicle system status and sensor information for the region.
ADOT TOC Traffic Information Center	ADOT TOC and EMC	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT TOC Traffic Information Center	ADOT TOC Data Archive	traveler archive data	Planned	Data associated with traveler information services including service requests, facility usage, rideshare, routing, and traveler payment transaction data. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADOT TOC Traffic Information Center	AZTech Regional Info System (ARIS)	emergency traveler information	Existing	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
ADOT TOC Traffic Information Center	Cities and Towns TIC and Website	alternate mode information	Planned	Schedule information for alternate mode transportation providers such as air, ferry, and passenger-carrying heavy rail. This also includes details of incidents and other service disruptions that have occurred in the alternative mode. This also includes measures of service demand that supports assessment of their impact on the road network.
ADOT TOC Traffic Information Center	Cities and Towns TIC and Website	emergency traveler information	Existing	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
ADOT TOC Traffic Information Center	Cities and Towns TIC and Website	transit service information	Planned	Transit service information including routes, schedules, and fare information as well as dynamic transit schedule adherence and transit vehicle location information.
ADOT TOC Traffic Information Center	Fleet Management Systems	freight-specific traveler information	Planned	Traveler information customized for freight users to indicate truck routes, permit information, truck stops, inspection stations, steep grades, high-profile vehicle advisories, etc. Information provided includes freight-related road and weather conditions, parking information, and route plans.
ADOT TOC Traffic Information Center	Fleet Management Systems	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
ADOT TOC Traffic Information Center	Fleet Management Systems	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT TOC Traffic Information Center	Freight Shipping System	freight-specific traveler information	Planned	Traveler information customized for freight users to indicate truck routes, permit information, truck stops, inspection stations, steep grades, high-profile vehicle advisories, etc. Information provided includes freight-related road and weather conditions, parking information, and route plans.
ADOT TOC Traffic Information Center	Local Print and Broadcast Media	traveler information for media	Planned	General traveler information regarding incidents, unusual traffic conditions, transit issues, or other advisory information that has been desensitized and provided to the media.
ADOT TOC Traffic Information Center	MPO-COG Planning Traffic Database	traveler archive data	Planned	Data associated with traveler information services including service requests, facility usage, rideshare, routing, and traveler payment transaction data. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADOT TOC Traffic Information Center	New Mexico State Police Dispatch	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT TOC Traffic Information Center	NOAA _ National Weather Service	road network environmental situation data	Planned	Aggregated environmental situation data collected from vehicles and other sources for the road network. Aggregated information would include measured air temperature, exterior light status, wiper status, sun sensor status, rain sensor status, traction control status, ALB status, and other collected vehicle system status and sensor information for the region.
ADOT TOC Traffic Information Center	PAG Planning Traffic Database	traveler archive data	Planned	Data associated with traveler information services including service requests, facility usage, rideshare, routing, and traveler payment transaction data. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADOT TOC Traffic Information Center	State Universities Data Archives	traveler archive data	Planned	Data associated with traveler information services including service requests, facility usage, rideshare, routing, and traveler payment transaction data. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
ADOT TOC Traffic Information Center	Utah State Police Dispatch	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ADOT Truck Parking Availability System (TPAS)	ADOT 511 Website	parking information	Planned	General parking information and status, including current parking availability, parking pricing, and parking space availability information, including features like number and type of electric charging spots.
ADOT Truck Parking Availability System (TPAS)	ADOT ITS Field Equipment	roadway dynamic signage data	Existing	Information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support remote management of these devices.
ADOT Truck Parking Availability System (TPAS)	ADOT Roadside Comm Equipment	roadway dynamic signage data	Existing	Information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support remote management of these devices.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Truck Parking Availability System (TPAS)	ADOT TOC Traffic Information Center	parking information	Existing	General parking information and status, including current parking availability, parking pricing, and parking space availability information, including features like number and type of electric charging spots.
ADOT Truck Parking Availability System (TPAS)	ADOT Truck Parking Equipment	parking area management information	Existing	Parameters that support management of a parking area. Hours of operation, parking rules and regulations, parking operator (attendant) information, etc.
ADOT Truck Parking Availability System (TPAS)	Caltrans Truck Parking Availability System	parking information	Existing	General parking information and status, including current parking availability, parking pricing, and parking space availability information, including features like number and type of electric charging spots.
ADOT Truck Parking Availability System (TPAS)	Map Update System	parking facility geometry	Planned	Precise spatial description of a parking facility that locates each parking space and the ingress and egress routes that are used to travel to and from the spaces.
ADOT Truck Parking Availability System (TPAS)	New Mexico Truck Parking Availability System	parking information	Existing	General parking information and status, including current parking availability, parking pricing, and parking space availability information, including features like number and type of electric charging spots.
ADOT Truck Parking Availability System (TPAS)	Public Private Traveler Information	parking information	Planned	General parking information and status, including current parking availability, parking pricing, and parking space availability information, including features like number and type of electric charging spots.
ADOT Truck Parking Equipment	ADOT Truck Parking Availability System (TPAS)	parking area information	Existing	Current status for the parking area. This includes information on general parking area status (operating hours, open entrances and exits, entrance queue status, parking operator information, current parking occupancy and availability).
ADOT Virtual Port Technologies	ADOT ECD CVO Administration Center	commercial vehicle incident notification	Planned	Information about a Commercial Vehicle or Freight Equipment breach, non-permitted security sensitive hazmat detected at the roadside, route deviation, or Commercial Vehicle Driver / Commercial Vehicle / Freight Equipment assignment mismatches which includes the location of the Commercial Vehicle and appropriate identities. May carry information that enables incident reporting to responders, and also includes the type of vehicle and cargo concerned.
ADOT WIM Stations	ADOT ECD CVO Administration Center	citation	Existing	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
ADOT WIM Stations	ADOT ECD CVO Administration Center	commercial vehicle incident notification	Planned	Information about a Commercial Vehicle or Freight Equipment breach, non-permitted security sensitive hazmat detected at the roadside, route deviation, or Commercial Vehicle Driver / Commercial Vehicle / Freight Equipment assignment mismatches which includes the location of the Commercial Vehicle and appropriate identities. May carry information that enables incident reporting to responders, and also includes the type of vehicle and cargo concerned.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT WIM Stations	ADOT ECD CVO Administration Center	commercial vehicle violation notification	Existing	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.
ADOT WIM Stations	ADOT ECD CVO Administration Center	daily site activity data	Existing	Record of daily activities at commercial vehicle check stations including summaries of screening events and inspections.
ADOT WIM Stations	ADOT ECD CVO Administration Center	weigh-in-motion information	Existing	Information from commercial vehicle virtual weigh-in-motion systems including vehicle weight, vehicle dimensions, vehicle identification and driver identification.
ADOT WIM Stations	ADOT MVD Commercial Vehicle Administration	citation	Existing	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
ADOT WIM Stations	ADOT MVD Commercial Vehicle Administration	commercial vehicle violation notification	Existing	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.
ADOT WIM Stations	ADOT MVD Commercial Vehicle Administration	daily site activity data	Existing	Record of daily activities at commercial vehicle check stations including summaries of screening events and inspections.
ADOT WIM Stations	ADOT MVD Commercial Vehicle Administration	driver log	Planned	A daily log showing hours in service for the current driver. The query flow is not explicitly shown.
ADOT WIM Stations	ADOT MVD Commercial Vehicle Administration	on-board safety data	Planned	Safety data measured by on-board sensors. Includes information about the vehicle, vehicle components, cargo, and driver. The query flow is not explicitly shown.
ADOT WIM Stations	ADOT MVD Commercial Vehicle Administration	weigh-in-motion information	Existing	Information from commercial vehicle virtual weigh-in-motion systems including vehicle weight, vehicle dimensions, vehicle identification and driver identification.
ADOT WIM Stations	Commercial Vehicles	request tag data	Planned	Request for tag information including tag id and associated data.
ADOT WIM Stations	DPS Commercial Vehicle Enforcement	citation	Existing	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT WIM Stations	DPS Commercial Vehicle Enforcement	commercial vehicle violation notification	Existing	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.
ADOT WIM Stations	DPS Commercial Vehicle Enforcement	daily site activity data	Existing	Record of daily activities at commercial vehicle check stations including summaries of screening events and inspections.
ADOT WIM Stations	DPS Commercial Vehicle Enforcement	driver log	Planned	A daily log showing hours in service for the current driver. The query flow is not explicitly shown.
ADOT WIM Stations	DPS Commercial Vehicle Enforcement	on-board safety data	Planned	Safety data measured by on-board sensors. Includes information about the vehicle, vehicle components, cargo, and driver. The query flow is not explicitly shown.
ADOT WIM Stations	DPS Commercial Vehicle Enforcement	weigh-in-motion information	Existing	Information from commercial vehicle virtual weigh-in-motion systems including vehicle weight, vehicle dimensions, vehicle identification and driver identification.
ADOT WIM Stations	DPS Roadside Safety Inspection	commercial vehicle violation notification	Existing	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.
ADOT WIM Stations	Freight Containers	request tag data	Planned	Request for tag information including tag id and associated data.
ADOT WIM Stations	International Fuel Tax Agreement (IFTA) Clearinghouse	citation	Existing	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
ADOT WIM Stations	International Fuel Tax Agreement (IFTA) Clearinghouse	commercial vehicle violation notification	Existing	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.
ADOT WIM Stations	International Fuel Tax Agreement (IFTA) Clearinghouse	daily site activity data	Existing	Record of daily activities at commercial vehicle check stations including summaries of screening events and inspections.
ADOT WIM Stations	International Fuel Tax Agreement (IFTA) Clearinghouse	driver log	Planned	A daily log showing hours in service for the current driver. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT WIM Stations	International Fuel Tax Agreement (IFTA) Clearinghouse	on-board safety data	Planned	Safety data measured by on-board sensors. Includes information about the vehicle, vehicle components, cargo, and driver. The query flow is not explicitly shown.
ADOT WIM Stations	International Fuel Tax Agreement (IFTA) Clearinghouse	weigh-in-motion information	Existing	Information from commercial vehicle virtual weigh-in-motion systems including vehicle weight, vehicle dimensions, vehicle identification and driver identification.
ADOT WIM Stations	International Registration Plan (IRP) Clearinghouse	citation	Existing	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
ADOT WIM Stations	International Registration Plan (IRP) Clearinghouse	commercial vehicle violation notification	Existing	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.
ADOT WIM Stations	International Registration Plan (IRP) Clearinghouse	daily site activity data	Existing	Record of daily activities at commercial vehicle check stations including summaries of screening events and inspections.
ADOT WIM Stations	International Registration Plan (IRP) Clearinghouse	driver log	Planned	A daily log showing hours in service for the current driver. The query flow is not explicitly shown.
ADOT WIM Stations	International Registration Plan (IRP) Clearinghouse	on-board safety data	Planned	Safety data measured by on-board sensors. Includes information about the vehicle, vehicle components, cargo, and driver. The query flow is not explicitly shown.
ADOT WIM Stations	International Registration Plan (IRP) Clearinghouse	weigh-in-motion information	Existing	Information from commercial vehicle virtual weigh-in-motion systems including vehicle weight, vehicle dimensions, vehicle identification and driver identification.
ADOT WIM Stations	Safety Fitness Electronic Record (SAFER)	citation	Existing	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
ADOT WIM Stations	Safety Fitness Electronic Record (SAFER)	commercial vehicle violation notification	Existing	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.
ADOT WIM Stations	Safety Fitness Electronic Record (SAFER)	daily site activity data	Existing	Record of daily activities at commercial vehicle check stations including summaries of screening events and inspections.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT WIM Stations	Safety Fitness Electronic Record (SAFER)	driver log	Planned	A daily log showing hours in service for the current driver. The query flow is not explicitly shown.
ADOT WIM Stations	Safety Fitness Electronic Record (SAFER)	on-board safety data	Planned	Safety data measured by on-board sensors. Includes information about the vehicle, vehicle components, cargo, and driver. The query flow is not explicitly shown.
ADOT WIM Stations	Safety Fitness Electronic Record (SAFER)	weigh-in-motion information	Existing	Information from commercial vehicle virtual weigh-in-motion systems including vehicle weight, vehicle dimensions, vehicle identification and driver identification.
ADOT Wrong Way Driver Detection System	ADOT CV Roadside Equipment	wrong way vehicle detected	Planned	Notification that a vehicle has been detected traveling in the wrong direction. This can be a direct report by an equipped vehicle that is being driven in the wrong direction or a report of a non-equipped vehicle that has been detected traveling in the wrong direction. It includes the current location, speed, acceleration, and heading of the wrong way vehicle.
ADOT Wrong Way Driver Detection System	ADOT ITS Field Equipment	dynamic sign coordination	Existing	The direct flow of information between field equipment. This includes information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support local management of these devices. Current operating status of dynamic message signs is returned.
ADOT Wrong Way Driver Detection System	ADOT ITS Field Equipment	lane management coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control dynamic lane management systems and the status of managed lanes including current operational state, violations, and logged information. This also includes lane usage information including both traditional traffic flow measures and special information associated with managed lanes such as measured passenger occupancies. It also includes the operational status of the lane management equipment.
ADOT Wrong Way Driver Detection System	ADOT ITS Field Equipment	local priority request coordination	Planned	The direct flow of information between field equipment. This includes notification of crossing calls from pedestrians and other vulnerable road users and requests for signal prioritization or preemption, and any other request for right-of-way at an intersection. The status of the priority request is also shared. For vulnerable road users, this includes information provided to guide and warn vulnerable road users at crossings including crossing permission status and crossing time remaining.
ADOT Wrong Way Driver Detection System	ADOT ITS Field Equipment	passive vehicle monitoring coordination	Planned	The direct flow of information between field equipment. This includes control commands used to control detection systems that rely on infrastructure-based identification of individual vehicles to measure travel times and other related measures by identifying the same vehicle at different points in the network. Related technologies include Bluetooth readers and license plate recognition systems. The coordination also includes sharing of time stamped identifiers that identify the vehicles that have passed through a detection zone.
ADOT Wrong Way Driver Detection System	ADOT ITS Field Equipment	roadway warning coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control roadway warning systems and the current operating status of roadway warning systems.

Information Flows – Tabular Format (sorted by Source Element)

RAD-IT Table

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Wrong Way Driver Detection System	ADOT ITS Field Equipment	signal control coordination	Existing	The direct flow of information between field equipment. This includes configuration and control of traffic signal controllers or field masters. Configuration data and operational status of traffic signal control equipment including operating condition and current indications are returned.
ADOT Wrong Way Driver Detection System	ADOT ITS Field Equipment	traffic detector coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control traffic detector systems such as inductive loop detectors and machine vision sensors. Raw and/or processed traffic detector data is returned that allows derivation of traffic flow variables (e.g., speed, volume, and density measures) and associated information (e.g., congestion, potential incidents). This flow includes the traffic data and the operational status of the traffic detectors.
ADOT Wrong Way Driver Detection System	ADOT ITS Field Equipment	traffic metering coordination	Existing	The direct flow of information between field equipment. This includes control commands and operating parameters for ramp meters, interchange meters, mainline meters, and other systems equipment associated with roadway metering operations. Current operational status of the traffic metering status is also provided.
ADOT Wrong Way Driver Detection System	ADOT ITS Field Equipment	variable speed limit coordination	Existing	The direct flow of information between field equipment. This includes information used to configure, control, and monitor variable speed limit systems including the equipment used to provide current speed limits and other information to drivers.
ADOT Wrong Way Driver Detection System	ADOT ITS Field Equipment	video surveillance coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control video surveillance systems and the high fidelity, real-time traffic images and associated meta data that are returned.
ADOT Wrong Way Driver Detection System	ADOT Roadside Comm Equipment	dynamic sign coordination	Existing	The direct flow of information between field equipment. This includes information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support local management of these devices. Current operating status of dynamic message signs is returned.
ADOT Wrong Way Driver Detection System	ADOT Roadside Comm Equipment	environmental sensor coordination	Existing	The direct flow of information between field equipment. This includes configuration and control of environmental sensors and the current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
ADOT Wrong Way Driver Detection System	ADOT Roadside Comm Equipment	lane management coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control dynamic lane management systems and the status of managed lanes including current operational state, violations, and logged information. This also includes lane usage information including both traditional traffic flow measures and special information associated with managed lanes such as measured passenger occupancies. It also includes the operational status of the lane management equipment.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Wrong Way Driver Detection System	ADOT Roadside Comm Equipment	local priority request coordination	Planned	The direct flow of information between field equipment. This includes notification of crossing calls from pedestrians and other vulnerable road users and requests for signal prioritization or preemption, and any other request for right-of-way at an intersection. The status of the priority request is also shared. For vulnerable road users, this includes information provided to guide and warn vulnerable road users at crossings including crossing permission status and crossing time remaining.
ADOT Wrong Way Driver Detection System	ADOT Roadside Comm Equipment	passive vehicle monitoring coordination	Planned	The direct flow of information between field equipment. This includes control commands used to control detection systems that rely on infrastructure-based identification of individual vehicles to measure travel times and other related measures by identifying the same vehicle at different points in the network. Related technologies include Bluetooth readers and license plate recognition systems. The coordination also includes sharing of time stamped identifiers that identify the vehicles that have passed through a detection zone.
ADOT Wrong Way Driver Detection System	ADOT Roadside Comm Equipment	roadway warning coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control roadway warning systems and the current operating status of roadway warning systems.
ADOT Wrong Way Driver Detection System	ADOT Roadside Comm Equipment	signal control coordination	Existing	The direct flow of information between field equipment. This includes configuration and control of traffic signal controllers or field masters. Configuration data and operational status of traffic signal control equipment including operating condition and current indications are returned.
ADOT Wrong Way Driver Detection System	ADOT Roadside Comm Equipment	traffic detector coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control traffic detector systems such as inductive loop detectors and machine vision sensors. Raw and/or processed traffic detector data is returned that allows derivation of traffic flow variables (e.g., speed, volume, and density measures) and associated information (e.g., congestion, potential incidents). This flow includes the traffic data and the operational status of the traffic detectors.
ADOT Wrong Way Driver Detection System	ADOT Roadside Comm Equipment	traffic metering coordination	Existing	The direct flow of information between field equipment. This includes control commands and operating parameters for ramp meters, interchange meters, mainline meters, and other systems equipment associated with roadway metering operations. Current operational status of the traffic metering status is also provided.
ADOT Wrong Way Driver Detection System	ADOT Roadside Comm Equipment	variable speed limit coordination	Existing	The direct flow of information between field equipment. This includes information used to configure, control, and monitor variable speed limit systems including the equipment used to provide current speed limits and other information to drivers.
ADOT Wrong Way Driver Detection System	ADOT Roadside Comm Equipment	video surveillance coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control video surveillance systems and the high fidelity, real-time traffic images and associated meta data that are returned.
ADOT Wrong Way Driver Detection System	ADOT TOC and EMC	barrier system status	Planned	Current operating status of barrier systems. Barrier systems represent gates, barriers and other automated or remotely controlled systems used to manage entry to roadways. Status of the systems includes operating condition and current operational state.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Wrong Way Driver Detection System	ADOT TOC and EMC	environmental sensor data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
ADOT Wrong Way Driver Detection System	ADOT TOC and EMC	lane management information	Planned	System status of managed lanes including current operational state, violations, and logged information. This includes lane usage information including both traditional traffic flow measures and special information associated with managed lanes such as measured passenger occupancies. It also includes the operational status of the lane management equipment.
ADOT Wrong Way Driver Detection System	ADOT TOC and EMC	passive vehicle monitoring data	Planned	Time stamped identifiers that identify the vehicles that have passed through a detection zone.
ADOT Wrong Way Driver Detection System	ADOT TOC and EMC	reversible lane status	Planned	Current reversible lane status including traffic sensor and surveillance data and the operational status and mode of the reversible lane control equipment.
ADOT Wrong Way Driver Detection System	ADOT TOC and EMC	right-of-way request notification	Planned	Notice that a request has occurred for signal prioritization, signal preemption, pedestrian call, multi-modal crossing activation, or other source for right-of-way.
ADOT Wrong Way Driver Detection System	ADOT TOC and EMC	roadway advisory radio status	Planned	Current operating status of highway advisory radios.
ADOT Wrong Way Driver Detection System	ADOT TOC and EMC	roadway dynamic signage status	Planned	Current operating status of dynamic message signs.
ADOT Wrong Way Driver Detection System	ADOT TOC and EMC	roadway warning system status	Planned	Current operating status of roadway warning systems.
ADOT Wrong Way Driver Detection System	ADOT TOC and EMC	safeguard system status	Planned	Current operating status of safeguard systems (remotely controlled equipment used to mitigate the impact of incidents on transportation infrastructure, such as blast shields, exhaust systems, etc.). Status of the systems includes operating condition and current operational state.
ADOT Wrong Way Driver Detection System	ADOT TOC and EMC	signal control status	Planned	Operational and status data of traffic signal control equipment including operating condition and current indications.
ADOT Wrong Way Driver Detection System	ADOT TOC and EMC	signal fault data	Planned	Faults reported by traffic signal control equipment.
ADOT Wrong Way Driver Detection System	ADOT TOC and EMC	speed monitoring information	Planned	System status including current operational state and logged information including measured speeds, warning messages displayed, and violation records.
ADOT Wrong Way Driver Detection System	ADOT TOC and EMC	traffic detector data	Planned	Raw and/or processed traffic detector data which allows derivation of traffic flow variables (e.g., speed, volume, and density measures) and associated information (e.g., congestion, potential incidents). This flow includes the traffic data and the operational status of the traffic detectors
ADOT Wrong Way Driver Detection System	ADOT TOC and EMC	traffic image meta data	Planned	Meta data that describes traffic images. Traffic images (video) are in another flow.
ADOT Wrong Way Driver Detection System	ADOT TOC and EMC	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ADOT Wrong Way Driver Detection System	ADOT TOC and EMC	traffic metering status	Planned	Current operational status and operating parameters for ramp meters, interchange meters, mainline meters and other control equipment associated with roadway metering operations.
ADOT Wrong Way Driver Detection System	ADOT TOC and EMC	variable speed limit status	Planned	Current operating status of the variable speed limit systems including the state of the equipment.
ADOT Wrong Way Driver Detection System	ADOT TOC and EMC	wrong way vehicle detected	Existing	Notification that a vehicle has been detected traveling in the wrong direction. This can be a direct report by an equipped vehicle that is being driven in the wrong direction or a report of a non-equipped vehicle that has been detected traveling in the wrong direction. It includes the current location, speed, acceleration, and heading of the wrong way vehicle.
ADOT Wrong Way Driver Detection System	ADOT TOC Data Archive	roadside archive data	Existing	A broad set of data derived from roadside sensors that includes current traffic conditions, environmental conditions, and any other data that can be directly collected by roadside sensors. This data also indicates the status of the sensors and reports of any identified sensor faults.
ADOT Wrong Way Driver Detection System	DPS Central Communications Center	wrong way vehicle detected	Existing	Notification that a vehicle has been detected traveling in the wrong direction. This can be a direct report by an equipped vehicle that is being driven in the wrong direction or a report of a non-equipped vehicle that has been detected traveling in the wrong direction. It includes the current location, speed, acceleration, and heading of the wrong way vehicle.
Archive Data Users	ADOT Crash Reporting Information System (CRIS)	archive analysis requests	Existing	A user request that initiates data mining, analytical processing, aggregation or summarization, report formulation, or other advanced processing and analysis of archived data. The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
Archive Data Users	ADOT Crash Reporting Information System (CRIS)	archived data product requests	Existing	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
Archive Data Users	ADOT HazMat Response Data Archive	archived data product requests	Existing	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
Archive Data Users	ADOT HPMS Data Archive	archived data product requests	Existing	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
Archive Data Users	ADOT Motor Vehicle Division (MVD) Database	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
Archive Data Users	ADOT TOC Data Archive	archive analysis requests	Planned	A user request that initiates data mining, analytical processing, aggregation or summarization, report formulation, or other advanced processing and analysis of archived data. The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
Archive Data Users	ADOT TOC Data Archive	archived data product requests	Existing	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Archive Data Users	AZTech RADS Data Archive	archive analysis requests	Existing	A user request that initiates data mining, analytical processing, aggregation or summarization, report formulation, or other advanced processing and analysis of archived data. The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
Archive Data Users	AZTech RADS Data Archive	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
Archive Data Users	Cities and Towns Data Archive	archived data product requests	Existing	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
Archive Data Users	County Data Archive	archived data product requests	Existing	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
Archive Data Users	DEMA Data Archive	archived data product requests	Existing	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
Archive Data Users	DPS Data Archive	archive analysis requests	Existing	A user request that initiates data mining, analytical processing, aggregation or summarization, report formulation, or other advanced processing and analysis of archived data. The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
Archive Data Users	DPS Data Archive	archived data product requests	Existing	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
Archive Data Users	MAG Planning Traffic Database	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
Archive Data Users	MPO-COG Planning Traffic Database	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
Archive Data Users	NAIPTA (dba Mountain Line) Transit Data Archive	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
Archive Data Users	PAG Planning Traffic Database	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
Archive Data Users	POE Data Archive	archive analysis requests	Planned	A user request that initiates data mining, analytical processing, aggregation or summarization, report formulation, or other advanced processing and analysis of archived data. The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
Archive Data Users	POE Data Archive	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Archive Data Users	State Universities Data Archives	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
Archive Data Users	Tribal Data Archive	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
ATTP Tribal Coordination Website	ADOT 511 Website	emergency traveler information	Existing	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
ATTP Tribal Coordination Website	Cities and Towns TIC and Website	emergency traveler information	Existing	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
ATTP Tribal Coordination Website	Public Private Traveler Information	emergency traveler information	Existing	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
ATTP Tribal Coordination Website	Tribal Public Safety Dispatch	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
ATTP Tribal Coordination Website	Tribal TMC-TOC-TIC	alternate mode information	Planned	Schedule information for alternate mode transportation providers such as air, ferry, and passenger-carrying heavy rail. This also includes details of incidents and other service disruptions that have occurred in the alternative mode. This also includes measures of service demand that supports assessment of their impact on the road network.
ATTP Tribal Coordination Website	Tribal TMC-TOC-TIC	emergency traveler information	Planned	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
ATTP Tribal Coordination Website	Tribal TMC-TOC-TIC	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
ATTP Tribal Coordination Website	Tribal TMC-TOC-TIC	parking information	Planned	General parking information and status, including current parking availability, parking pricing, and parking space availability information, including features like number and type of electric charging spots.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
ATTP Tribal Coordination Website	Tribal TMC-TOC-TIC	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
ATTP Tribal Coordination Website	Tribal TMC-TOC-TIC	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
ATTP Tribal Coordination Website	Tribal TMC-TOC-TIC	transit service information	Planned	Transit service information including routes, schedules, and fare information as well as dynamic transit schedule adherence and transit vehicle location information.
ATTP Tribal Coordination Website	Wide Area Alerting Systems	emergency traveler information	Planned	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
AZTech RADS Data Archive	ADOT HPMS Data Archive	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
AZTech RADS Data Archive	ADOT HPMS Data Archive	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
AZTech RADS Data Archive	ADOT HPMS Data Archive	traffic archive data	Existing	Information describing the use and vehicle composition on transportation facilities and the traffic control strategies employed. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
AZTech RADS Data Archive	ADOT Incident Response Unit (IRU)	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
AZTech RADS Data Archive	ADOT Incident Response Unit (IRU)	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
AZTech RADS Data Archive	ADOT Mainline Detection	roadway dynamic signage data	Planned	Information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support remote management of these devices.
AZTech RADS Data Archive	ADOT Mainline Detection	signal control device configuration	Planned	Data used to configure traffic signal control equipment including local controllers and system masters.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
AZTech RADS Data Archive	ADOT Mainline Detection	signal control plans	Planned	Traffic signal timing parameters including minimum green time and interval durations for basic operation and cycle length, splits, offset, phase sequence, etc. for coordinated systems.
AZTech RADS Data Archive	ADOT Mainline Detection	speed management application information	Planned	Current speed targets, advisories, and limits including time of day, week, or season speed limits as necessary, and application parameters and thresholds. This flow also supports remote control of the application so the application can be taken offline, reset, or restarted.
AZTech RADS Data Archive	ADOT Mainline Detection	vehicle signage application info	Planned	In-vehicle signing application configuration data and messaging parameters. This flow provides a list of regulatory, warning, and information messages to be displayed and parameters that support scheduling and prioritizing messages to be issued to passing vehicles. This flow also supports remote control of the application so the application can be taken offline, reset, or restarted.
AZTech RADS Data Archive	ADOT TOC and EMC	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
AZTech RADS Data Archive	ADOT TOC and EMC	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
AZTech RADS Data Archive	ADOT TOC and EMC	device data	Existing	Data from detectors, environmental sensor stations, roadside equipment, and traffic control devices, including device inventory information.
AZTech RADS Data Archive	ADOT TOC and EMC	device status	Existing	Status information from devices
AZTech RADS Data Archive	ADOT TOC and EMC	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
AZTech RADS Data Archive	ADOT TOC and EMC	emergency traffic control information	Planned	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
AZTech RADS Data Archive	ADOT TOC and EMC	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
AZTech RADS Data Archive	ADOT TOC and EMC	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
AZTech RADS Data Archive	ADOT TOC and EMC	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
AZTech RADS Data Archive	ADOT TOC and EMC	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
AZTech RADS Data Archive	ADOT TOC Data Archive	archive coordination	Existing	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
AZTech RADS Data Archive	Archive Data Users	archive analysis results	Existing	Processed information products, supporting meta data, and any associated transaction information resulting from data mining, analytical processing, aggregation or summarization, report formulation, or other on-line processing and analysis of archived data.
AZTech RADS Data Archive	Archive Data Users	archive request confirmation	Existing	Confirmation that an archive request has been received and processed with information on the disposition of the request.
AZTech RADS Data Archive	Archive Data Users	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
AZTech RADS Data Archive	AZTech RADS Data User System	archive analysis results	Existing	Processed information products, supporting meta data, and any associated transaction information resulting from data mining, analytical processing, aggregation or summarization, report formulation, or other on-line processing and analysis of archived data.
AZTech RADS Data Archive	AZTech RADS Data User System	archive request confirmation	Existing	Confirmation that an archive request has been received and processed with information on the disposition of the request.
AZTech RADS Data Archive	AZTech RADS Data User System	archived data products	Existing	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
AZTech RADS Data Archive	AZTech Regional Info System (ARIS)	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
AZTech RADS Data Archive	AZTech Traffic Ops Center	device control request	Existing	Request for device control action
AZTech RADS Data Archive	AZTech Traffic Ops Center	device data	Existing	Data from detectors, environmental sensor stations, roadside equipment, and traffic control devices, including device inventory information.
AZTech RADS Data Archive	AZTech Traffic Ops Center	device status	Existing	Status information from devices
AZTech RADS Data Archive	AZTech Traffic Ops Center	emergency traffic coordination	Existing	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
AZTech RADS Data Archive	AZTech Traffic Ops Center	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
AZTech RADS Data Archive	AZTech Traffic Ops Center	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
AZTech RADS Data Archive	AZTech Traffic Ops Center	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
AZTech RADS Data Archive	Local Print and Broadcast Media	traffic information for media	Planned	Report of traffic conditions including traffic incident reports for public dissemination through the media. The reports may also include information on diversions and alternate routes, closures, and special traffic restrictions in effect.
AZTech RADS Data Archive	MAG Data User Systems	archive analysis results	Planned	Processed information products, supporting meta data, and any associated transaction information resulting from data mining, analytical processing, aggregation or summarization, report formulation, or other on-line processing and analysis of archived data.
AZTech RADS Data Archive	MAG Data User Systems	archive request confirmation	Planned	Confirmation that an archive request has been received and processed with information on the disposition of the request.
AZTech RADS Data Archive	MAG Data User Systems	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
AZTech RADS Data Archive	MAG Planning Traffic Database	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
AZTech RADS Data Archive	MAG Planning Traffic Database	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
AZTech RADS Data Archive	MAG Planning Traffic Database	traffic archive data	Planned	Information describing the use and vehicle composition on transportation facilities and the traffic control strategies employed. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
AZTech RADS Data Archive	Maricopa County EOC	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
AZTech RADS Data Archive	Maricopa County EOC	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
AZTech RADS Data Archive	Maricopa County EOC	emergency traffic control information	Planned	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
AZTech RADS Data Archive	Maricopa County EOC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
AZTech RADS Data Archive	Maricopa County EOC	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
AZTech RADS Data Archive	Maricopa County EOC	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
AZTech RADS Data Archive	Maricopa County EOC	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
AZTech RADS Data Archive	MCDOT Service Monitoring Sys for Connected Vehicles	center status	Planned	Represents the interactive monitoring of system operations by the Service Monitor. It includes device housekeeping/heartbeat monitoring and network monitoring information, the status of installed applications, and the configuration of managed devices.
AZTech RADS Data Archive	NOAA _National Weather Service	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
AZTech RADS Data Archive	Public Private Traveler Information	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
AZTech RADS Data Archive	Public Private Traveler Information	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
AZTech RADS Data Archive	Public Private Traveler Information	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
AZTech RADS Data User System	ADOT HPMS Data Archive	archive analysis requests	Planned	A user request that initiates data mining, analytical processing, aggregation or summarization, report formulation, or other advanced processing and analysis of archived data. The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
AZTech RADS Data User System	ADOT HPMS Data Archive	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
AZTech RADS Data User System	ADOT TOC Data Archive	archive analysis requests	Existing	A user request that initiates data mining, analytical processing, aggregation or summarization, report formulation, or other advanced processing and analysis of archived data. The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
AZTech RADS Data User System	ADOT TOC Data Archive	archived data product requests	Existing	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
AZTech RADS Data User System	AZTech RADS Data Archive	archive analysis requests	Existing	A user request that initiates data mining, analytical processing, aggregation or summarization, report formulation, or other advanced processing and analysis of archived data. The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
AZTech RADS Data User System	AZTech RADS Data Archive	archived data product requests	Existing	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
AZTech RADS Data User System	MAG Planning Traffic Database	archive analysis requests	Planned	A user request that initiates data mining, analytical processing, aggregation or summarization, report formulation, or other advanced processing and analysis of archived data. The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
AZTech RADS Data User System	MAG Planning Traffic Database	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
AZTech RADS Data User System	State Universities Data Archives	archive analysis requests	Planned	A user request that initiates data mining, analytical processing, aggregation or summarization, report formulation, or other advanced processing and analysis of archived data. The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
AZTech RADS Data User System	State Universities Data Archives	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
AZTech Regional Info System (ARIS)	ADOT Incident Response Unit (IRU)	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
AZTech Regional Info System (ARIS)	ADOT TOC Data Archive	traveler archive data	Existing	Data associated with traveler information services including service requests, facility usage, rideshare, routing, and traveler payment transaction data. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
AZTech Regional Info System (ARIS)	ADOT TOC Traffic Information Center	emergency traveler information	Existing	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
AZTech Regional Info System (ARIS)	AZTech RADS Data Archive	traveler archive data	Existing	Data associated with traveler information services including service requests, facility usage, rideshare, routing, and traveler payment transaction data. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
AZTech Regional Info System (ARIS)	MAG Planning Traffic Database	traveler archive data	Planned	Data associated with traveler information services including service requests, facility usage, rideshare, routing, and traveler payment transaction data. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
AZTech Regional Info System (ARIS)	Maricopa County EOC	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
AZTech Regional Info System (ARIS)	Public Private Traveler Information	emergency traveler information	Existing	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
AZTech Traffic Ops Center	ADOT DEOC-Dept EM Ops Center	emergency traffic coordination	Existing	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
AZTech Traffic Ops Center	ADOT TOC and EMC	device control request	Existing	Request for device control action
AZTech Traffic Ops Center	ADOT TOC and EMC	device data	Existing	Data from detectors, environmental sensor stations, roadside equipment, and traffic control devices, including device inventory information.
AZTech Traffic Ops Center	ADOT TOC and EMC	device status	Existing	Status information from devices
AZTech Traffic Ops Center	ADOT TOC and EMC	emergency traffic coordination	Existing	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
AZTech Traffic Ops Center	ADOT TOC and EMC	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
AZTech Traffic Ops Center	ADOT TOC and EMC	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
AZTech Traffic Ops Center	ADOT TOC and EMC	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
AZTech Traffic Ops Center	AZTech RADS Data Archive	device control request	Existing	Request for device control action
AZTech Traffic Ops Center	AZTech RADS Data Archive	device data	Existing	Data from detectors, environmental sensor stations, roadside equipment, and traffic control devices, including device inventory information.
AZTech Traffic Ops Center	AZTech RADS Data Archive	device status	Existing	Status information from devices
AZTech Traffic Ops Center	AZTech RADS Data Archive	emergency traffic coordination	Existing	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
AZTech Traffic Ops Center	AZTech RADS Data Archive	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
AZTech Traffic Ops Center	AZTech RADS Data Archive	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
AZTech Traffic Ops Center	AZTech RADS Data Archive	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
AZTech Traffic Ops Center	DPS Central Communications Center	device control request	Existing	Request for device control action

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
AZTech Traffic Ops Center	DPS Central Communications Center	device data	Existing	Data from detectors, environmental sensor stations, roadside equipment, and traffic control devices, including device inventory information.
AZTech Traffic Ops Center	DPS Central Communications Center	device status	Existing	Status information from devices
AZTech Traffic Ops Center	DPS Central Communications Center	emergency traffic coordination	Existing	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
AZTech Traffic Ops Center	DPS Central Communications Center	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
AZTech Traffic Ops Center	DPS Central Communications Center	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
AZTech Traffic Ops Center	DPS Central Communications Center	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
Basic Private Vehicle	ADOT ITS Field Equipment	communications signature	Planned	Communications from vehicle or personal devices that can be monitored by ITS field equipment to uniquely identify the device. This flow represents communications from devices (via Bluetooth or Wi-Fi) that may be monitored by ITS field equipment or any other passive or active communications from the device that can be used to identify the device. This flow specifically covers passive monitoring of device communications.
Basic Private Vehicle	Electric Vehicle Charging Stations	actuate secure payment	Planned	Initiation of a payment action, ideally based on an encrypted token or biometric marker. Such a payment action could be a simple validation that the secure token allows the user access to the travel resource, or it could be the initiation of a payment transaction.
Basic Private Vehicle	Electric Vehicle Charging Stations	vehicle charging profile	Planned	Vehicle information provided to an electric charging station including the operational status of the electrical system, the charging capacity for the vehicle, and % charge complete.
Basic Private Vehicle	Mohave County V2I Enabled Rural Highway Traffic Control Signs	vehicle location and motion	Planned	Data describing the vehicle's location in three dimensions, heading, speed, acceleration, braking status, and size.
Basic Private Vehicle	Mohave County V2I Enabled Rural Highway Traffic Control Signs	vehicle location and motion for surveillance	Planned	Data describing the vehicle's location in three dimensions, heading, speed, acceleration, braking status, and size. This flow represents monitoring of basic safety data ('vehicle location and motion') broadcast by passing connected vehicles for use in vehicle detection and traffic monitoring applications.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Basic Private Vehicle	Mohave County V2I Enabled Rural Highway Traffic Control Signs	vehicle profile	Planned	Information about a vehicle such as vehicle make and model, fuel type, engine type, size and weight, vehicle performance and level of control automation, average emissions, average fuel consumption, passenger occupancy, or other data that can be used to classify vehicle eligibility for access to specific lanes, road segments, or regions or participation in cooperative vehicle control applications.
Basic Private Vehicle	Payment Administration Center	user account setup	Planned	Billing information, vehicle information (or registration information), and requests for reports. Also includes subsequent account changes.
Basic Private Vehicle	Private Vehicle OBE	host vehicle status	Planned	Information provided to the ITS on-board equipment from other systems on the vehicle platform. This includes the current status of the powertrain, steering, and braking systems, and status of other safety and convenience systems. In implementations where GPS is not integrated into the Vehicle On-Board Equipment, the host vehicle is also the source for data describing the vehicle's location in three dimensions (latitude, longitude, elevation) and accurate time that can be used for time synchronization across the ITS environment.
BIA Western Regional Website	ADOT 511 Website	alternate mode information	Planned	Schedule information for alternate mode transportation providers such as air, ferry, and passenger-carrying heavy rail. This also includes details of incidents and other service disruptions that have occurred in the alternative mode. This also includes measures of service demand that supports assessment of their impact on the road network.
BIA Western Regional Website	ADOT 511 Website	emergency traveler information	Existing	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
BIA Western Regional Website	ADOT 511 Website	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
BIA Western Regional Website	ADOT 511 Website	parking information	Planned	General parking information and status, including current parking availability, parking pricing, and parking space availability information, including features like number and type of electric charging spots.
BIA Western Regional Website	ADOT 511 Website	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
BIA Western Regional Website	ADOT 511 Website	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
BIA Western Regional Website	ADOT 511 Website	transit service information	Planned	Transit service information including routes, schedules, and fare information as well as dynamic transit schedule adherence and transit vehicle location information.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
BIA Western Regional Website	ATTP Tribal Coordination Website	emergency traveler information	Planned	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
BIA Western Regional Website	Local Print and Broadcast Media	traveler information for media	Planned	General traveler information regarding incidents, unusual traffic conditions, transit issues, or other advisory information that has been desensitized and provided to the media.
BIA Western Regional Website	Tribal Data Archive	traveler archive data	Planned	Data associated with traveler information services including service requests, facility usage, rideshare, routing, and traveler payment transaction data. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
BIA Western Regional Website	Tribal Public Safety Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
BIA Western Regional Website	Tribal TMC-TOC-TIC	emergency traveler information	Planned	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
Caltrans ITS Field Equipment	ADOT RWIS	environmental sensor coordination	Planned	The direct flow of information between field equipment. This includes configuration and control of environmental sensors and the current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
Caltrans TMC	ADOT DEOC-Dept EM Ops Center	emergency traffic coordination	Existing	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
Caltrans TMC	ADOT TOC and EMC	emergency traffic coordination	Planned	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
Caltrans Truck Parking Availability System	ADOT Truck Parking Availability System (TPAS)	parking information	Existing	General parking information and status, including current parking availability, parking pricing, and parking space availability information, including features like number and type of electric charging spots.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
CBP Website	ADOT 511 Website	emergency traveler information	Existing	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
CBP Website	Public Private Traveler Information	emergency traveler information	Existing	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
CHP Dispatch	ADOT DEOC-Dept EM Ops Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
CHP Dispatch	ADOT DEOC-Dept EM Ops Center	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
CHP Dispatch	ADOT DEOC-Dept EM Ops Center	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
CHP Dispatch	ADOT DEOC-Dept EM Ops Center	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
CHP Dispatch	ADOT DEOC-Dept EM Ops Center	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
CHP Dispatch	ADOT DEOC-Dept EM Ops Center	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
CHP Dispatch	ADOT DEOC-Dept EM Ops Center	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
CHP Dispatch	ADOT DEOC-Dept EM Ops Center	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
CHP Dispatch	ADOT DEOC-Dept EM Ops Center	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
CHP Dispatch	ADOT DEOC-Dept EM Ops Center	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
CHP Dispatch	ADOT DEOC-Dept EM Ops Center	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
CHP Dispatch	ADOT DEOC-Dept EM Ops Center	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
CHP Dispatch	ADOT DEOC-Dept EM Ops Center	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
CHP Dispatch	ADOT DEOC-Dept EM Ops Center	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
CHP Dispatch	ADOT DEOC-Dept EM Ops Center	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
CHP Dispatch	ADOT DEOC-Dept EM Ops Center	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
CHP Dispatch	ADOT Motor Vehicle Division (MVD) Database	emergency archive data	Planned	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
CHP Dispatch	ADOT TOC and EMC	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
CHP Dispatch	ADOT TOC and EMC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
CHP Dispatch	ADOT TOC and EMC	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
CHP Dispatch	ADOT TOC and EMC	emergency traffic control request	Planned	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
CHP Dispatch	ADOT TOC and EMC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
CHP Dispatch	ADOT TOC and EMC	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
CHP Dispatch	ADOT TOC and EMC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
CHP Dispatch	ADOT TOC and EMC	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
CHP Dispatch	ADOT TOC and EMC	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
CHP Dispatch	ADOT TOC and EMC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
CHP Dispatch	ADOT TOC and EMC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
CHP Dispatch	ADOT TOC and EMC	remote surveillance control	Planned	The control commands used to remotely operate another center's sensors or surveillance equipment so that roadside surveillance assets can be shared by more than one agency.
CHP Dispatch	ADOT TOC and EMC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
CHP Dispatch	ADOT TOC and EMC	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
CHP Dispatch	ADOT TOC and EMC	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
CHP Dispatch	ADOT TOC and EMC	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
CHP Dispatch	ADOT TOC and EMC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
CHP Dispatch	DEMA Enforcement	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
CHP Dispatch	DEMA Enforcement	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
CHP Dispatch	DEMA Enforcement	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
CHP Dispatch	DEMA Enforcement	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
CHP Dispatch	DEMA Enforcement	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
CHP Dispatch	DEMA Enforcement	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
CHP Dispatch	DEMA Enforcement	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
CHP Dispatch	DEMA Enforcement	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
CHP Dispatch	DEMA Enforcement	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
CHP Dispatch	DEMA SEOC Arizona DEM Military Affairs	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
CHP Dispatch	DEMA SEOC Arizona DEM Military Affairs	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
CHP Dispatch	DEMA SEOC Arizona DEM Military Affairs	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
CHP Dispatch	DEMA SEOC Arizona DEM Military Affairs	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
CHP Dispatch	DEMA SEOC Arizona DEM Military Affairs	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
CHP Dispatch	DEMA SEOC Arizona DEM Military Affairs	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
CHP Dispatch	DEMA SEOC Arizona DEM Military Affairs	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
CHP Dispatch	DEMA SEOC Arizona DEM Military Affairs	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
CHP Dispatch	DEMA SEOC Arizona DEM Military Affairs	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
CHP Dispatch	DEMA WebEOC System	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
CHP Dispatch	DEMA WebEOC System	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
CHP Dispatch	DEMA WebEOC System	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
CHP Dispatch	DEMA WebEOC System	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
CHP Dispatch	DEMA WebEOC System	incident information for public	Existing	Report of current desensitized incident information prepared for public dissemination.
CHP Dispatch	DEMA WebEOC System	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
CHP Dispatch	DEMA WebEOC System	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
CHP Dispatch	DEMA WebEOC System	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
CHP Dispatch	DEMA WebEOC System	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
CHP Dispatch	DEMA WebEOC System	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
CHP Dispatch	DPS Central Communications Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
CHP Dispatch	DPS Central Communications Center	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
CHP Dispatch	DPS Central Communications Center	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
CHP Dispatch	DPS Central Communications Center	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
CHP Dispatch	DPS Central Communications Center	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
CHP Dispatch	DPS Central Communications Center	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
CHP Dispatch	DPS Central Communications Center	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
CHP Dispatch	DPS Central Communications Center	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
CHP Dispatch	DPS Central Communications Center	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
CHP Dispatch	DPS Central Communications Center	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
CHP Dispatch	DPS Central Communications Center	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
CHP Dispatch	DPS Central Communications Center	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
CHP Dispatch	DPS Central Communications Center	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
CHP Dispatch	DPS Central Communications Center	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
CHP Dispatch	DPS Central Communications Center	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
CHP Dispatch	DPS Central Communications Center	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
CHP Dispatch	DPS Console Interface (Other LE)	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
CHP Dispatch	DPS Console Interface (Other LE)	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
CHP Dispatch	DPS Console Interface (Other LE)	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
CHP Dispatch	DPS Console Interface (Other LE)	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
CHP Dispatch	DPS Console Interface (Other LE)	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
CHP Dispatch	DPS Console Interface (Other LE)	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
CHP Dispatch	DPS Console Interface (Other LE)	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
CHP Dispatch	DPS Console Interface (Other LE)	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
CHP Dispatch	DPS Console Interface (Other LE)	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
CHP Dispatch	Utah State Police Dispatch	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
CHP Dispatch	Utah State Police Dispatch	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
CHP Dispatch	Utah State Police Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
CHP Dispatch	Utah State Police Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
CHP Dispatch	Utah State Police Dispatch	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
CHP Dispatch	Utah State Police Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
CHP Dispatch	Utah State Police Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
CHP Dispatch	Utah State Police Dispatch	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
CHP Dispatch	Utah State Police Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
CHP Dispatch	Wide Area Alerting Systems	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
CHP Dispatch	Wide Area Alerting Systems	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
CHP Dispatch	Wide Area Alerting Systems	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
CHP Dispatch	Wide Area Alerting Systems	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Cities and Towns Data Archive	ADOT HPMS Data Archive	archive coordination	Existing	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
Cities and Towns Data Archive	ADOT HPMS Data Archive	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
Cities and Towns Data Archive	ADOT HPMS Data User System	archived data products	Existing	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
Cities and Towns Data Archive	Archive Data Users	archived data products	Existing	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
Cities and Towns Data Archive	Cities and Towns Data User Systems	archived data products	Existing	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns Data Archive	Cities and Towns EOC-EMC	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
Cities and Towns Data Archive	Cities and Towns ITS Field Equipment	data collection and monitoring control	Existing	Information used to configure and control data collection and monitoring systems.
Cities and Towns Data Archive	Cities and Towns MCO Dispatch	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
Cities and Towns Data Archive	Cities and Towns Police and Fire Dispatch	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
Cities and Towns Data Archive	Cities and Towns Public Works	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
Cities and Towns Data Archive	Cities and Towns TIC and Website	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
Cities and Towns Data Archive	Cities and Towns TMC-TOC	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
Cities and Towns Data Archive	Cities and Towns Transit Dispatch	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
Cities and Towns Data Archive	Cities and Towns Weather Flood Alerts	data collection and monitoring control	Existing	Information used to configure and control data collection and monitoring systems.
Cities and Towns Data Archive	County Data Archive	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
Cities and Towns Data Archive	County Data User Systems	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
Cities and Towns Data Archive	DPS Central Communications Center	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns Data Archive	MPO-COG Data User Systems	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
Cities and Towns Data Archive	MPO-COG Planning Traffic Database	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
Cities and Towns Data Archive	MPO-COG Planning Traffic Database	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
Cities and Towns Data Archive	PAG Data User Systems	archived data products	Existing	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
Cities and Towns Data Archive	POE Data User and ISP Systems	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
Cities and Towns Data Archive	Tribal Data Archive	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
Cities and Towns Data Archive	Tribal Data User Systems	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
Cities and Towns Data User Systems	Cities and Towns Data Archive	archived data product requests	Existing	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
Cities and Towns Data User Systems	State Universities Data Archives	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
Cities and Towns EOC-EMC	ADOT DEOC-Dept EM Ops Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Cities and Towns EOC-EMC	ADOT DEOC-Dept EM Ops Center	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Cities and Towns EOC-EMC	ADOT DEOC-Dept EM Ops Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns EOC-EMC	ADOT DEOC-Dept EM Ops Center	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
Cities and Towns EOC-EMC	ADOT DEOC-Dept EM Ops Center	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Cities and Towns EOC-EMC	ADOT DEOC-Dept EM Ops Center	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Cities and Towns EOC-EMC	ADOT DEOC-Dept EM Ops Center	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Cities and Towns EOC-EMC	ADOT DEOC-Dept EM Ops Center	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Cities and Towns EOC-EMC	ADOT DEOC-Dept EM Ops Center	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Cities and Towns EOC-EMC	ADOT DEOC-Dept EM Ops Center	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Cities and Towns EOC-EMC	ADOT DEOC-Dept EM Ops Center	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Cities and Towns EOC-EMC	ADOT DEOC-Dept EM Ops Center	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns EOC-EMC	ADOT DEOC-Dept EM Ops Center	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
Cities and Towns EOC-EMC	ADOT DEOC-Dept EM Ops Center	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
Cities and Towns EOC-EMC	ADOT DEOC-Dept EM Ops Center	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Cities and Towns EOC-EMC	ADOT DEOC-Dept EM Ops Center	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Cities and Towns EOC-EMC	ADOT TOC and EMC	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Cities and Towns EOC-EMC	ADOT TOC and EMC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Cities and Towns EOC-EMC	ADOT TOC and EMC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Cities and Towns EOC-EMC	ADOT TOC and EMC	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
Cities and Towns EOC-EMC	ADOT TOC and EMC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Cities and Towns EOC-EMC	ADOT TOC and EMC	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns EOC-EMC	ADOT TOC and EMC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Cities and Towns EOC-EMC	ADOT TOC and EMC	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Cities and Towns EOC-EMC	ADOT TOC and EMC	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Cities and Towns EOC-EMC	ADOT TOC and EMC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Cities and Towns EOC-EMC	ADOT TOC and EMC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Cities and Towns EOC-EMC	ADOT TOC and EMC	remote surveillance control	Planned	The control commands used to remotely operate another center's sensors or surveillance equipment so that roadside surveillance assets can be shared by more than one agency.
Cities and Towns EOC-EMC	ADOT TOC and EMC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Cities and Towns EOC-EMC	ADOT TOC and EMC	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
Cities and Towns EOC-EMC	ADOT TOC and EMC	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
Cities and Towns EOC-EMC	ADOT TOC and EMC	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns EOC-EMC	ADOT TOC and EMC	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Cities and Towns EOC-EMC	ADOT TOC and EMC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Cities and Towns EOC-EMC	Cities and Towns Data Archive	emergency archive data	Existing	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
Cities and Towns EOC-EMC	Cities and Towns MCO Dispatch	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Cities and Towns EOC-EMC	Cities and Towns MCO Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Cities and Towns EOC-EMC	Cities and Towns MCO Dispatch	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Cities and Towns EOC-EMC	Cities and Towns MCO Dispatch	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Cities and Towns EOC-EMC	Cities and Towns MCO Dispatch	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Cities and Towns EOC-EMC	Cities and Towns MCO Dispatch	maint and constr resource request	Existing	Request for road maintenance and construction resources that can be used in the diversion of traffic (cones, portable signs), clearance of a road hazard, repair of ancillary damage, or any other incident response. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of resources.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns EOC-EMC	Cities and Towns MCO Dispatch	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc).
Cities and Towns EOC-EMC	Cities and Towns MCO Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Cities and Towns EOC-EMC	Cities and Towns Police and Fire Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Cities and Towns EOC-EMC	Cities and Towns Police and Fire Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Cities and Towns EOC-EMC	Cities and Towns Police and Fire Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Cities and Towns EOC-EMC	Cities and Towns Police and Fire Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Cities and Towns EOC-EMC	Cities and Towns Police and Fire Dispatch	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Cities and Towns EOC-EMC	Cities and Towns Police and Fire Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Cities and Towns EOC-EMC	Cities and Towns Police and Fire Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Cities and Towns EOC-EMC	Cities and Towns Police and Fire Dispatch	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns EOC-EMC	Cities and Towns Police and Fire Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Cities and Towns EOC-EMC	Cities and Towns Public Works	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Cities and Towns EOC-EMC	Cities and Towns Public Works	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Cities and Towns EOC-EMC	Cities and Towns Public Works	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Cities and Towns EOC-EMC	Cities and Towns Public Works	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Cities and Towns EOC-EMC	Cities and Towns Public Works	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Cities and Towns EOC-EMC	Cities and Towns Public Works	maint and constr resource request	Planned	Request for road maintenance and construction resources that can be used in the diversion of traffic (cones, portable signs), clearance of a road hazard, repair of ancillary damage, or any other incident response. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of resources.
Cities and Towns EOC-EMC	Cities and Towns Public Works	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns EOC-EMC	Cities and Towns TIC and Website	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Cities and Towns EOC-EMC	Cities and Towns TIC and Website	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
Cities and Towns EOC-EMC	Cities and Towns TMC-TOC	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Cities and Towns EOC-EMC	Cities and Towns TMC-TOC	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Cities and Towns EOC-EMC	Cities and Towns TMC-TOC	emergency traffic control request	Planned	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
Cities and Towns EOC-EMC	Cities and Towns TMC-TOC	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Cities and Towns EOC-EMC	Cities and Towns TMC-TOC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Cities and Towns EOC-EMC	Cities and Towns TMC-TOC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Cities and Towns EOC-EMC	Cities and Towns TMC-TOC	remote surveillance control	Planned	The control commands used to remotely operate another center's sensors or surveillance equipment so that roadside surveillance assets can be shared by more than one agency.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns EOC-EMC	Cities and Towns TMC-TOC	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
Cities and Towns EOC-EMC	Cities and Towns TMC-TOC	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
Cities and Towns EOC-EMC	Cities and Towns TMC-TOC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Cities and Towns EOC-EMC	Cities and Towns Transit Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Cities and Towns EOC-EMC	Cities and Towns Transit Dispatch	emergency transit service request	Existing	Request to modify transit service and fare schedules to address emergencies, including requests for transit services to evacuate people from and/or deploy response agency personnel to an emergency scene. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of transit resources.
Cities and Towns EOC-EMC	Cities and Towns Transit Dispatch	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Cities and Towns EOC-EMC	Cities and Towns Transit Dispatch	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Cities and Towns EOC-EMC	Cities and Towns Transit Dispatch	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns EOC-EMC	Cities and Towns Transit Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Cities and Towns EOC-EMC	County 911 PSAPs	incident information for public	Existing	Report of current desensitized incident information prepared for public dissemination.
Cities and Towns EOC-EMC	DEMA WebEOC System	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Cities and Towns EOC-EMC	DEMA WebEOC System	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Cities and Towns EOC-EMC	DEMA WebEOC System	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Cities and Towns EOC-EMC	DEMA WebEOC System	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Cities and Towns EOC-EMC	DEMA WebEOC System	incident information for public	Existing	Report of current desensitized incident information prepared for public dissemination.
Cities and Towns EOC-EMC	DEMA WebEOC System	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Cities and Towns EOC-EMC	DEMA WebEOC System	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Cities and Towns EOC-EMC	DEMA WebEOC System	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Cities and Towns EOC-EMC	DEMA WebEOC System	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns EOC-EMC	DEMA WebEOC System	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Cities and Towns EOC-EMC	DPS Central Communications Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Cities and Towns EOC-EMC	DPS Central Communications Center	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Cities and Towns EOC-EMC	DPS Central Communications Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Cities and Towns EOC-EMC	DPS Central Communications Center	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
Cities and Towns EOC-EMC	DPS Central Communications Center	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Cities and Towns EOC-EMC	DPS Central Communications Center	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Cities and Towns EOC-EMC	DPS Central Communications Center	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns EOC-EMC	DPS Central Communications Center	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Cities and Towns EOC-EMC	DPS Central Communications Center	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Cities and Towns EOC-EMC	DPS Central Communications Center	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Cities and Towns EOC-EMC	DPS Central Communications Center	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Cities and Towns EOC-EMC	DPS Central Communications Center	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Cities and Towns EOC-EMC	DPS Central Communications Center	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
Cities and Towns EOC-EMC	DPS Central Communications Center	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
Cities and Towns EOC-EMC	DPS Central Communications Center	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Cities and Towns EOC-EMC	DPS Central Communications Center	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns EOC-EMC	Independent School District Bus Dispatch	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Cities and Towns EOC-EMC	Independent School District Bus Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Cities and Towns EOC-EMC	Independent School District Bus Dispatch	emergency transit service request	Existing	Request to modify transit service and fare schedules to address emergencies, including requests for transit services to evacuate people from and/or deploy response agency personnel to an emergency scene. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of transit resources.
Cities and Towns EOC-EMC	Independent School District Bus Dispatch	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Cities and Towns EOC-EMC	Independent School District Bus Dispatch	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Cities and Towns EOC-EMC	Independent School District Bus Dispatch	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Cities and Towns EOC-EMC	Independent School District Bus Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Cities and Towns EOC-EMC	Local Dial-A-Ride Transit Dispatchers	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns EOC-EMC	Local Dial-A-Ride Transit Dispatchers	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Cities and Towns EOC-EMC	Local Dial-A-Ride Transit Dispatchers	emergency transit service request	Existing	Request to modify transit service and fare schedules to address emergencies, including requests for transit services to evacuate people from and/or deploy response agency personnel to an emergency scene. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of transit resources.
Cities and Towns EOC-EMC	Local Dial-A-Ride Transit Dispatchers	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Cities and Towns EOC-EMC	Local Dial-A-Ride Transit Dispatchers	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Cities and Towns EOC-EMC	Local Dial-A-Ride Transit Dispatchers	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Cities and Towns EOC-EMC	Local Dial-A-Ride Transit Dispatchers	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Cities and Towns EOC-EMC	NAIPTA (dba Mountain Line) Paratransit	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Cities and Towns EOC-EMC	NAIPTA (dba Mountain Line) Paratransit	emergency transit service request	Existing	Request to modify transit service and fare schedules to address emergencies, including requests for transit services to evacuate people from and/or deploy response agency personnel to an emergency scene. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of transit resources.
Cities and Towns EOC-EMC	NAIPTA (dba Mountain Line) Paratransit	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns EOC-EMC	NAIPTA (dba Mountain Line) Paratransit	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Cities and Towns EOC-EMC	NAIPTA (dba Mountain Line) Paratransit	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Cities and Towns EOC-EMC	NAIPTA (dba Mountain Line) Paratransit	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Cities and Towns EOC-EMC	NAIPTA (dba Mountain Line) Transit Management Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Cities and Towns EOC-EMC	NAIPTA (dba Mountain Line) Transit Management Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Cities and Towns EOC-EMC	NAIPTA (dba Mountain Line) Transit Management Center	emergency transit service request	Existing	Request to modify transit service and fare schedules to address emergencies, including requests for transit services to evacuate people from and/or deploy response agency personnel to an emergency scene. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of transit resources.
Cities and Towns EOC-EMC	NAIPTA (dba Mountain Line) Transit Management Center	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns EOC-EMC	NAIPTA (dba Mountain Line) Transit Management Center	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Cities and Towns EOC-EMC	NAIPTA (dba Mountain Line) Transit Management Center	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Cities and Towns EOC-EMC	NAIPTA (dba Mountain Line) Transit Management Center	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Cities and Towns EOC-EMC	Railroad Operations Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Cities and Towns EOC-EMC	Social Media and Networking	alert notification for social media	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public via social media. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This version of the flow contains only publicly available information and is structured and formatted for publication on specific social media platforms and other public-facing sites.
Cities and Towns EOC-EMC	Yuma County Area Transit (YCAT)	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Cities and Towns EOC-EMC	Yuma County Area Transit (YCAT)	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.

Information Flows – Tabular Format (sorted by Source Element)

RAD-IT Table

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns EOC-EMC	Yuma County Area Transit (YCAT)	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Cities and Towns EOC-EMC	Yuma County Area Transit (YCAT)	emergency transit service request	Existing	Request to modify transit service and fare schedules to address emergencies, including requests for transit services to evacuate people from and/or deploy response agency personnel to an emergency scene. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of transit resources.
Cities and Towns EOC-EMC	Yuma County Area Transit (YCAT)	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Cities and Towns EOC-EMC	Yuma County Area Transit (YCAT)	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Cities and Towns EOC-EMC	Yuma County Area Transit (YCAT)	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Cities and Towns EOC-EMC	Yuma County Area Transit (YCAT)	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Cities and Towns EOC-EMC	Yuma County Area Transit (YCAT)	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Cities and Towns EOC-EMC	Yuma County Area Transit (YCAT)	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Cities and Towns EOC-EMC	Yuma County Area Transit (YCAT)	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns EOC-EMC	Yuma County Area Transit (YCAT)	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Cities and Towns ITS Field Equipment	Cities and Towns Data Archive	roadside archive data	Planned	A broad set of data derived from roadside sensors that includes current traffic conditions, environmental conditions, and any other data that can be directly collected by roadside sensors. This data also indicates the status of the sensors and reports of any identified sensor faults.
Cities and Towns ITS Field Equipment	Cities and Towns TMC-TOC	environmental sensor data	Existing	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
Cities and Towns ITS Field Equipment	Cities and Towns TMC-TOC	passive vehicle monitoring data	Planned	Time stamped identifiers that identify the vehicles that have passed through a detection zone.
Cities and Towns ITS Field Equipment	Cities and Towns TMC-TOC	rail crossing status	Planned	Status of the highway-rail intersection equipment including both the current state or mode of operation and the current equipment condition.
Cities and Towns ITS Field Equipment	Cities and Towns TMC-TOC	right-of-way request notification	Planned	Notice that a request has occurred for signal prioritization, signal preemption, pedestrian call, multi-modal crossing activation, or other source for right-of-way.
Cities and Towns ITS Field Equipment	Cities and Towns TMC-TOC	roadway dynamic signage status	Planned	Current operating status of dynamic message signs.
Cities and Towns ITS Field Equipment	Cities and Towns TMC-TOC	signal control status	Existing	Operational and status data of traffic signal control equipment including operating condition and current indications.
Cities and Towns ITS Field Equipment	Cities and Towns TMC-TOC	signal fault data	Planned	Faults reported by traffic signal control equipment.
Cities and Towns ITS Field Equipment	Cities and Towns TMC-TOC	traffic detector data	Existing	Raw and/or processed traffic detector data which allows derivation of traffic flow variables (e.g., speed, volume, and density measures) and associated information (e.g., congestion, potential incidents). This flow includes the traffic data and the operational status of the traffic detectors
Cities and Towns ITS Field Equipment	Cities and Towns TMC-TOC	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
Cities and Towns ITS Field Equipment	Cities and Towns Train Wayside Alert	rail crossing operational status	Planned	Status of the highway-rail grade crossing equipment including both the current state or mode of operation and the current equipment condition.
Cities and Towns ITS Field Equipment	Cities and Towns Weather Flood Alerts	barrier system coordination	Planned	The direct flow of information between field equipment. This includes information used to configure and control barrier systems that are represented by gates, barriers and other automated or remotely controlled systems used to manage entry to roadways. Current operating status of barrier systems is also shared including operating condition and current operational state.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns ITS Field Equipment	Cities and Towns Weather Flood Alerts	dynamic sign coordination	Planned	The direct flow of information between field equipment. This includes information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support local management of these devices. Current operating status of dynamic message signs is returned.
Cities and Towns ITS Field Equipment	Cities and Towns Weather Flood Alerts	environmental sensor coordination	Planned	The direct flow of information between field equipment. This includes configuration and control of environmental sensors and the current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
Cities and Towns ITS Field Equipment	Cities and Towns Weather Flood Alerts	lane management coordination	Planned	The direct flow of information between field equipment. This includes information used to configure and control dynamic lane management systems and the status of managed lanes including current operational state, violations, and logged information. This also includes lane usage information including both traditional traffic flow measures and special information associated with managed lanes such as measured passenger occupancies. It also includes the operational status of the lane management equipment.
Cities and Towns ITS Field Equipment	Cities and Towns Weather Flood Alerts	local priority request coordination	Planned	The direct flow of information between field equipment. This includes notification of crossing calls from pedestrians and other vulnerable road users and requests for signal prioritization or preemption, and any other request for right-of-way at an intersection. The status of the priority request is also shared. For vulnerable road users, this includes information provided to guide and warn vulnerable road users at crossings including crossing permission status and crossing time remaining.
Cities and Towns ITS Field Equipment	Cities and Towns Weather Flood Alerts	passive vehicle monitoring coordination	Planned	The direct flow of information between field equipment. This includes control commands used to control detection systems that rely on infrastructure-based identification of individual vehicles to measure travel times and other related measures by identifying the same vehicle at different points in the network. Related technologies include Bluetooth readers and license plate recognition systems. The coordination also includes sharing of time stamped identifiers that identify the vehicles that have passed through a detection zone.
Cities and Towns ITS Field Equipment	Cities and Towns Weather Flood Alerts	reversible lane coordination	Planned	The direct flow of information between field equipment. This includes control of automated reversible lane configuration and driver information systems and current reversible lane status including the operational status and mode of the reversible lane control equipment.
Cities and Towns ITS Field Equipment	Cities and Towns Weather Flood Alerts	roadway treatment coordination	Planned	The direct flow of information between field equipment. This includes control data for remotely located, automated devices, that treat the road surface (e.g., de-icing applications) and the current operational status of automated roadway treatment devices.
Cities and Towns ITS Field Equipment	Cities and Towns Weather Flood Alerts	roadway warning coordination	Planned	The direct flow of information between field equipment. This includes information used to configure and control roadway warning systems and the current operating status of roadway warning systems.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns ITS Field Equipment	Cities and Towns Weather Flood Alerts	signal control coordination	Planned	The direct flow of information between field equipment. This includes configuration and control of traffic signal controllers or field masters. Configuration data and operational status of traffic signal control equipment including operating condition and current indications are returned.
Cities and Towns ITS Field Equipment	Cities and Towns Weather Flood Alerts	track status	Planned	Current status of the wayside equipment and notification of an arriving train.
Cities and Towns ITS Field Equipment	Cities and Towns Weather Flood Alerts	traffic detector coordination	Planned	The direct flow of information between field equipment. This includes information used to configure and control traffic detector systems such as inductive loop detectors and machine vision sensors. Raw and/or processed traffic detector data is returned that allows derivation of traffic flow variables (e.g., speed, volume, and density measures) and associated information (e.g., congestion, potential incidents). This flow includes the traffic data and the operational status of the traffic detectors.
Cities and Towns ITS Field Equipment	Cities and Towns Weather Flood Alerts	traffic metering coordination	Planned	The direct flow of information between field equipment. This includes control commands and operating parameters for ramp meters, interchange meters, mainline meters, and other systems equipment associated with roadway metering operations. Current operational status of the traffic metering status is also provided.
Cities and Towns ITS Field Equipment	Cities and Towns Weather Flood Alerts	variable speed limit coordination	Planned	The direct flow of information between field equipment. This includes information used to configure, control, and monitor variable speed limit systems including the equipment used to provide current speed limits and other information to drivers.
Cities and Towns ITS Field Equipment	Cities and Towns Weather Flood Alerts	video surveillance coordination	Planned	The direct flow of information between field equipment. This includes information used to configure and control video surveillance systems and the high fidelity, real-time traffic images and associated meta data that are returned.
Cities and Towns MCO Dispatch	Cities and Towns Data Archive	maint and constr archive data	Existing	Information describing road construction and maintenance activities identifying the type of activity, the work performed, and work zone information including work zone configuration and safety (e.g., a record of intrusions and vehicle speeds) information. For construction activities, this information also includes a description of the completed infrastructure, including as-built plans as applicable. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
Cities and Towns MCO Dispatch	Cities and Towns EOC-EMC	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Cities and Towns MCO Dispatch	Cities and Towns EOC-EMC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns MCO Dispatch	Cities and Towns EOC-EMC	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Cities and Towns MCO Dispatch	Cities and Towns EOC-EMC	maint and constr resource response	Existing	Current status of maintenance and construction resources including availability and deployment status. General resource inventory information covering vehicles, equipment, materials, and people and specific resource deployment status may be included.
Cities and Towns MCO Dispatch	Cities and Towns EOC-EMC	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
Cities and Towns MCO Dispatch	Cities and Towns MCO Vehicles	environmental sensor control	Existing	Data used to configure and control environmental sensors.
Cities and Towns MCO Dispatch	Cities and Towns MCO Vehicles	maint and constr dispatch information	Existing	Information used to dispatch maintenance and construction vehicles, equipment, and crews and information used to keep work zone crews informed. This information includes routing information, traffic information, road restrictions, incident information, environmental information, decision support information, maintenance schedule data, dispatch instructions, personnel assignments, alert notifications, and corrective actions.
Cities and Towns MCO Dispatch	Cities and Towns MCO Vehicles	maint and constr vehicle system control	Existing	Configure and control data that supports remote control of on-board maintenance and construction vehicle systems and field equipment that is remotely controlled by the vehicle. For example, the data can be used to adjust material application rates and spread patterns.
Cities and Towns MCO Dispatch	Cities and Towns Public Works	environmental conditions data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors and aggregated by the data collector. Attributes relating to the data collection (and aggregation) are also included.
Cities and Towns MCO Dispatch	Cities and Towns Public Works	maint and constr resource coordination	Planned	Request for road maintenance and construction resources that can be used in the diversion of traffic (cones, portable signs), clearance of a road hazard, repair of ancillary damage, or any other incident response.
Cities and Towns MCO Dispatch	Cities and Towns Public Works	work zone information	Planned	Summary of maintenance and construction work zone activities affecting the road network including the nature of the maintenance or construction activity, location, impact to the roadway, expected time(s) and duration of impact, anticipated delays, alternate routes, and suggested speed limits. This information may be augmented with images that provide a visual indication of current work zone status and traffic impacts.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns MCO Dispatch	Cities and Towns Public Works Vehicles	maint and constr dispatch information	Existing	Information used to dispatch maintenance and construction vehicles, equipment, and crews and information used to keep work zone crews informed. This information includes routing information, traffic information, road restrictions, incident information, environmental information, decision support information, maintenance schedule data, dispatch instructions, personnel assignments, alert notifications, and corrective actions.
Cities and Towns MCO Dispatch	Cities and Towns Public Works Vehicles	maint and constr vehicle system control	Existing	Configure and control data that supports remote control of on-board maintenance and construction vehicle systems and field equipment that is remotely controlled by the vehicle. For example, the data can be used to adjust material application rates and spread patterns.
Cities and Towns MCO Dispatch	Cities and Towns TMC-TOC	environmental conditions data	Existing	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors and aggregated by the data collector. Attributes relating to the data collection (and aggregation) are also included.
Cities and Towns MCO Dispatch	Cities and Towns TMC-TOC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Cities and Towns MCO Dispatch	Cities and Towns TMC-TOC	maint and constr resource response	Planned	Current status of maintenance and construction resources including availability and deployment status. General resource inventory information covering vehicles, equipment, materials, and people and specific resource deployment status may be included.
Cities and Towns MCO Dispatch	Cities and Towns TMC-TOC	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
Cities and Towns MCO Dispatch	Cities and Towns Weather Flood Alerts	environmental sensor control	Planned	Data used to configure and control environmental sensors.
Cities and Towns MCO Dispatch	NOAA _National Weather Service	environmental conditions data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors and aggregated by the data collector. Attributes relating to the data collection (and aggregation) are also included.
Cities and Towns MCO Dispatch	NOAA _National Weather Service	road weather information	Planned	Road conditions and weather information that are made available by road maintenance operations to other transportation system operators.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns MCO Vehicles	Cities and Towns MCO Dispatch	environmental sensor data	Existing	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
Cities and Towns MCO Vehicles	Cities and Towns MCO Dispatch	maint and constr dispatch status	Existing	Current maintenance and construction status including work data, operator status, crew status, and equipment status.
Cities and Towns MCO Vehicles	Cities and Towns MCO Dispatch	maint and constr vehicle conditions	Planned	Vehicle diagnostics information that is collected, filtered, and selectively reported by a maintenance and construction vehicle. The information includes engine temperature, mileage, tire wear, brake wear, belt wear, and any warnings or alarms concerning the operational condition of the vehicle and ancillary equipment.
Cities and Towns MCO Vehicles	Cities and Towns MCO Dispatch	maint and constr vehicle location data	Planned	The current location and related status (e.g., direction and speed) of the maintenance/construction vehicle.
Cities and Towns MCO Vehicles	Cities and Towns MCO Dispatch	maint and constr vehicle operational data	Existing	Data that describes the maintenance and construction activity performed by the vehicle. Operational data includes materials usage (amount stored and current application rate), operational state of the maintenance equipment (e.g., blade up/down, spreader pattern), vehicle safety status, and other measures associated with the operation of a maintenance, construction, or other special purpose vehicle. Operational data may include basic operational status of the vehicle equipment or a more precise record of the work performed (e.g., application of crack sealant with precise locations and application characteristics).
Cities and Towns MCO Vehicles	Cities and Towns MCO Dispatch	work zone status	Planned	Current work zone status including current location (and future locations for moving work zones), impact to the roadway, required lane shifts, expected time(s) and duration of impact, anticipated delays, alternate routes, and suggested speed limits.
Cities and Towns MCO Vehicles	Cities and Towns Public Works	environmental sensor data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
Cities and Towns MCO Vehicles	Cities and Towns Public Works	maint and constr vehicle conditions	Planned	Vehicle diagnostics information that is collected, filtered, and selectively reported by a maintenance and construction vehicle. The information includes engine temperature, mileage, tire wear, brake wear, belt wear, and any warnings or alarms concerning the operational condition of the vehicle and ancillary equipment.
Cities and Towns MCO Vehicles	Cities and Towns Public Works	maint and constr vehicle location data	Planned	The current location and related status (e.g., direction and speed) of the maintenance/construction vehicle.
Cities and Towns MCO Vehicles	Cities and Towns Public Works	work zone status	Planned	Current work zone status including current location (and future locations for moving work zones), impact to the roadway, required lane shifts, expected time(s) and duration of impact, anticipated delays, alternate routes, and suggested speed limits.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns MCO Vehicles	Cities and Towns Public Works Vehicles	maint and constr material information	Existing	Information on materials stored on the vehicle including quantity and current application rate.
Cities and Towns MCO Vehicles	Cities and Towns Public Works Vehicles	maint and constr vehicle measures	Existing	Raw vehicle diagnostics and operating status data reported by the maintenance vehicle platform including engine temperature, mileage, tire wear, brake wear, belt wear, and other operational status measures. In addition to this general vehicle status, this flow also includes the status of maintenance and construction-specific systems on the vehicle.
Cities and Towns Police and Fire Dispatch	ADOT Crash Reporting Information System (CRIS)	emergency archive data	Existing	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
Cities and Towns Police and Fire Dispatch	ADOT DEOC-Dept EM Ops Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Cities and Towns Police and Fire Dispatch	ADOT DEOC-Dept EM Ops Center	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Cities and Towns Police and Fire Dispatch	ADOT DEOC-Dept EM Ops Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Cities and Towns Police and Fire Dispatch	ADOT DEOC-Dept EM Ops Center	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
Cities and Towns Police and Fire Dispatch	ADOT DEOC-Dept EM Ops Center	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Cities and Towns Police and Fire Dispatch	ADOT DEOC-Dept EM Ops Center	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns Police and Fire Dispatch	ADOT DEOC-Dept EM Ops Center	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Cities and Towns Police and Fire Dispatch	ADOT DEOC-Dept EM Ops Center	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Cities and Towns Police and Fire Dispatch	ADOT DEOC-Dept EM Ops Center	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Cities and Towns Police and Fire Dispatch	ADOT DEOC-Dept EM Ops Center	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Cities and Towns Police and Fire Dispatch	ADOT DEOC-Dept EM Ops Center	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Cities and Towns Police and Fire Dispatch	ADOT DEOC-Dept EM Ops Center	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Cities and Towns Police and Fire Dispatch	ADOT DEOC-Dept EM Ops Center	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
Cities and Towns Police and Fire Dispatch	ADOT DEOC-Dept EM Ops Center	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc).
Cities and Towns Police and Fire Dispatch	ADOT DEOC-Dept EM Ops Center	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns Police and Fire Dispatch	ADOT DEOC-Dept EM Ops Center	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Cities and Towns Police and Fire Dispatch	ADOT ECD Operational Communications	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Cities and Towns Police and Fire Dispatch	ADOT ECD Operational Communications	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Cities and Towns Police and Fire Dispatch	ADOT ECD Operational Communications	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Cities and Towns Police and Fire Dispatch	ADOT ECD Operational Communications	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Cities and Towns Police and Fire Dispatch	ADOT ECD Operational Communications	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Cities and Towns Police and Fire Dispatch	ADOT ECD Operational Communications	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Cities and Towns Police and Fire Dispatch	ADOT ECD Operational Communications	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Cities and Towns Police and Fire Dispatch	ADOT ECD Operational Communications	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Cities and Towns Police and Fire Dispatch	ADOT ECD Operational Communications	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns Police and Fire Dispatch	ADOT ECD Operational Communications	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Cities and Towns Police and Fire Dispatch	ADOT ECD Operational Communications	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Cities and Towns Police and Fire Dispatch	ADOT HazMat Response Team	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Cities and Towns Police and Fire Dispatch	ADOT HazMat Response Team	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Cities and Towns Police and Fire Dispatch	ADOT HazMat Response Team	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Cities and Towns Police and Fire Dispatch	ADOT HazMat Response Team	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
Cities and Towns Police and Fire Dispatch	ADOT HazMat Response Team	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Cities and Towns Police and Fire Dispatch	ADOT HazMat Response Team	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Cities and Towns Police and Fire Dispatch	ADOT HazMat Response Team	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns Police and Fire Dispatch	ADOT HazMat Response Team	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Cities and Towns Police and Fire Dispatch	ADOT HazMat Response Team	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Cities and Towns Police and Fire Dispatch	ADOT HazMat Response Team	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Cities and Towns Police and Fire Dispatch	ADOT HazMat Response Team	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Cities and Towns Police and Fire Dispatch	ADOT HazMat Response Team	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Cities and Towns Police and Fire Dispatch	ADOT HazMat Response Team	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
Cities and Towns Police and Fire Dispatch	ADOT HazMat Response Team	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
Cities and Towns Police and Fire Dispatch	ADOT HazMat Response Team	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Cities and Towns Police and Fire Dispatch	ADOT HazMat Response Team	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns Police and Fire Dispatch	ADOT Motor Vehicle Division (MVD) Database	emergency archive data	Planned	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
Cities and Towns Police and Fire Dispatch	Cities and Towns Data Archive	emergency archive data	Planned	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
Cities and Towns Police and Fire Dispatch	Cities and Towns EOC-EMC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Cities and Towns Police and Fire Dispatch	Cities and Towns EOC-EMC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Cities and Towns Police and Fire Dispatch	Cities and Towns EOC-EMC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Cities and Towns Police and Fire Dispatch	Cities and Towns EOC-EMC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Cities and Towns Police and Fire Dispatch	Cities and Towns EOC-EMC	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Cities and Towns Police and Fire Dispatch	Cities and Towns EOC-EMC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Cities and Towns Police and Fire Dispatch	Cities and Towns EOC-EMC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Cities and Towns Police and Fire Dispatch	Cities and Towns EOC-EMC	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns Police and Fire Dispatch	Cities and Towns EOC-EMC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Cities and Towns Police and Fire Dispatch	Cities and Towns Police and Fire Vehicles	decision support information	Planned	Information provided to support effective and safe incident response, including local traffic, road, and weather conditions, hazardous material information, and the current status of resources (including vehicles, other equipment, supplies) that have been allocated to an incident.
Cities and Towns Police and Fire Dispatch	Cities and Towns Police and Fire Vehicles	emergency dispatch requests	Existing	Emergency vehicle dispatch instructions including incident location and available information concerning the incident.
Cities and Towns Police and Fire Dispatch	Cities and Towns Public Works	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Cities and Towns Police and Fire Dispatch	Cities and Towns Public Works	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Cities and Towns Police and Fire Dispatch	Cities and Towns Public Works	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Cities and Towns Police and Fire Dispatch	Cities and Towns Public Works	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Cities and Towns Police and Fire Dispatch	Cities and Towns Public Works	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Cities and Towns Police and Fire Dispatch	Cities and Towns Public Works	maint and constr resource request	Planned	Request for road maintenance and construction resources that can be used in the diversion of traffic (cones, portable signs), clearance of a road hazard, repair of ancillary damage, or any other incident response. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of resources.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns Police and Fire Dispatch	Cities and Towns Public Works	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Cities and Towns Police and Fire Dispatch	Cities and Towns TIC and Website	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Cities and Towns Police and Fire Dispatch	Cities and Towns TIC and Website	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
Cities and Towns Police and Fire Dispatch	Cities and Towns TMC-TOC	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Cities and Towns Police and Fire Dispatch	Cities and Towns TMC-TOC	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Cities and Towns Police and Fire Dispatch	Cities and Towns TMC-TOC	emergency traffic control request	Planned	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
Cities and Towns Police and Fire Dispatch	Cities and Towns TMC-TOC	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Cities and Towns Police and Fire Dispatch	Cities and Towns TMC-TOC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns Police and Fire Dispatch	Cities and Towns TMC-TOC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Cities and Towns Police and Fire Dispatch	Cities and Towns TMC-TOC	remote surveillance control	Planned	The control commands used to remotely operate another center's sensors or surveillance equipment so that roadside surveillance assets can be shared by more than one agency.
Cities and Towns Police and Fire Dispatch	Cities and Towns TMC-TOC	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
Cities and Towns Police and Fire Dispatch	Cities and Towns TMC-TOC	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
Cities and Towns Police and Fire Dispatch	Cities and Towns TMC-TOC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Cities and Towns Police and Fire Dispatch	Cities and Towns Transit Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Cities and Towns Police and Fire Dispatch	Cities and Towns Transit Dispatch	emergency transit service request	Existing	Request to modify transit service and fare schedules to address emergencies, including requests for transit services to evacuate people from and/or deploy response agency personnel to an emergency scene. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of transit resources.
Cities and Towns Police and Fire Dispatch	Cities and Towns Transit Dispatch	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Cities and Towns Police and Fire Dispatch	Cities and Towns Transit Dispatch	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns Police and Fire Dispatch	Cities and Towns Transit Dispatch	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Cities and Towns Police and Fire Dispatch	Cities and Towns Transit Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Cities and Towns Police and Fire Dispatch	County 911 PSAPs	incident information for public	Existing	Report of current desensitized incident information prepared for public dissemination.
Cities and Towns Police and Fire Dispatch	County 911 PSAPs	incident notification response	Planned	Interactive acknowledgement and verification of the incident information received, requests for additional information, and general information on incident response status.
Cities and Towns Police and Fire Dispatch	County EMC-EOC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Cities and Towns Police and Fire Dispatch	County EMC-EOC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Cities and Towns Police and Fire Dispatch	County EMC-EOC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Cities and Towns Police and Fire Dispatch	County EMC-EOC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Cities and Towns Police and Fire Dispatch	County EMC-EOC	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Cities and Towns Police and Fire Dispatch	County EMC-EOC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Cities and Towns Police and Fire Dispatch	County EMC-EOC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns Police and Fire Dispatch	County EMC-EOC	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Cities and Towns Police and Fire Dispatch	County EMC-EOC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Cities and Towns Police and Fire Dispatch	DEMA Enforcement	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Cities and Towns Police and Fire Dispatch	DEMA Enforcement	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Cities and Towns Police and Fire Dispatch	DEMA Enforcement	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Cities and Towns Police and Fire Dispatch	DEMA Enforcement	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Cities and Towns Police and Fire Dispatch	DEMA Enforcement	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Cities and Towns Police and Fire Dispatch	DEMA Enforcement	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Cities and Towns Police and Fire Dispatch	DEMA Enforcement	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Cities and Towns Police and Fire Dispatch	DEMA Enforcement	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns Police and Fire Dispatch	DEMA Enforcement	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Cities and Towns Police and Fire Dispatch	DEMA SEOC Arizona DEM Military Affairs	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Cities and Towns Police and Fire Dispatch	DEMA SEOC Arizona DEM Military Affairs	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Cities and Towns Police and Fire Dispatch	DEMA SEOC Arizona DEM Military Affairs	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Cities and Towns Police and Fire Dispatch	DEMA SEOC Arizona DEM Military Affairs	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Cities and Towns Police and Fire Dispatch	DEMA SEOC Arizona DEM Military Affairs	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Cities and Towns Police and Fire Dispatch	DEMA SEOC Arizona DEM Military Affairs	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Cities and Towns Police and Fire Dispatch	DEMA SEOC Arizona DEM Military Affairs	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Cities and Towns Police and Fire Dispatch	DEMA SEOC Arizona DEM Military Affairs	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Cities and Towns Police and Fire Dispatch	DEMA SEOC Arizona DEM Military Affairs	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns Police and Fire Dispatch	DEMA WebEOC System	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Cities and Towns Police and Fire Dispatch	DEMA WebEOC System	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Cities and Towns Police and Fire Dispatch	DEMA WebEOC System	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Cities and Towns Police and Fire Dispatch	DEMA WebEOC System	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Cities and Towns Police and Fire Dispatch	DEMA WebEOC System	incident information for public	Existing	Report of current desensitized incident information prepared for public dissemination.
Cities and Towns Police and Fire Dispatch	DEMA WebEOC System	incident notification response	Planned	Interactive acknowledgement and verification of the incident information received, requests for additional information, and general information on incident response status.
Cities and Towns Police and Fire Dispatch	DEMA WebEOC System	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Cities and Towns Police and Fire Dispatch	DEMA WebEOC System	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Cities and Towns Police and Fire Dispatch	DEMA WebEOC System	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Cities and Towns Police and Fire Dispatch	DEMA WebEOC System	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Cities and Towns Police and Fire Dispatch	DEMA WebEOC System	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns Police and Fire Dispatch	DPS Central Communications Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Cities and Towns Police and Fire Dispatch	DPS Central Communications Center	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Cities and Towns Police and Fire Dispatch	DPS Central Communications Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Cities and Towns Police and Fire Dispatch	DPS Central Communications Center	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
Cities and Towns Police and Fire Dispatch	DPS Central Communications Center	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Cities and Towns Police and Fire Dispatch	DPS Central Communications Center	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Cities and Towns Police and Fire Dispatch	DPS Central Communications Center	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Cities and Towns Police and Fire Dispatch	DPS Central Communications Center	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Cities and Towns Police and Fire Dispatch	DPS Central Communications Center	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns Police and Fire Dispatch	DPS Central Communications Center	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Cities and Towns Police and Fire Dispatch	DPS Central Communications Center	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Cities and Towns Police and Fire Dispatch	DPS Central Communications Center	remote surveillance control	Planned	The control commands used to remotely operate another center's sensors or surveillance equipment so that roadside surveillance assets can be shared by more than one agency.
Cities and Towns Police and Fire Dispatch	DPS Central Communications Center	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Cities and Towns Police and Fire Dispatch	DPS Central Communications Center	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
Cities and Towns Police and Fire Dispatch	DPS Central Communications Center	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
Cities and Towns Police and Fire Dispatch	DPS Central Communications Center	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Cities and Towns Police and Fire Dispatch	DPS Central Communications Center	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Cities and Towns Police and Fire Dispatch	DPS Console Interface (Other LE)	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Cities and Towns Police and Fire Dispatch	DPS Console Interface (Other LE)	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns Police and Fire Dispatch	DPS Console Interface (Other LE)	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Cities and Towns Police and Fire Dispatch	DPS Console Interface (Other LE)	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Cities and Towns Police and Fire Dispatch	DPS Console Interface (Other LE)	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Cities and Towns Police and Fire Dispatch	DPS Console Interface (Other LE)	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Cities and Towns Police and Fire Dispatch	DPS Console Interface (Other LE)	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Cities and Towns Police and Fire Dispatch	DPS Console Interface (Other LE)	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Cities and Towns Police and Fire Dispatch	DPS Console Interface (Other LE)	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Cities and Towns Police and Fire Dispatch	Emergency Medical Transport/Ambulances	emergency dispatch requests	Existing	Emergency vehicle dispatch instructions including incident location and available information concerning the incident.
Cities and Towns Police and Fire Dispatch	Independent School District Bus Dispatch	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Cities and Towns Police and Fire Dispatch	Independent School District Bus Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns Police and Fire Dispatch	Independent School District Bus Dispatch	emergency transit service request	Existing	Request to modify transit service and fare schedules to address emergencies, including requests for transit services to evacuate people from and/or deploy response agency personnel to an emergency scene. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of transit resources.
Cities and Towns Police and Fire Dispatch	Independent School District Bus Dispatch	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Cities and Towns Police and Fire Dispatch	Independent School District Bus Dispatch	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Cities and Towns Police and Fire Dispatch	Independent School District Bus Dispatch	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Cities and Towns Police and Fire Dispatch	Independent School District Bus Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Cities and Towns Police and Fire Dispatch	Local Dial-A-Ride Transit Dispatchers	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Cities and Towns Police and Fire Dispatch	Local Dial-A-Ride Transit Dispatchers	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Cities and Towns Police and Fire Dispatch	Local Dial-A-Ride Transit Dispatchers	emergency transit service request	Existing	Request to modify transit service and fare schedules to address emergencies, including requests for transit services to evacuate people from and/or deploy response agency personnel to an emergency scene. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of transit resources.
Cities and Towns Police and Fire Dispatch	Local Dial-A-Ride Transit Dispatchers	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns Police and Fire Dispatch	Local Dial-A-Ride Transit Dispatchers	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Cities and Towns Police and Fire Dispatch	Local Dial-A-Ride Transit Dispatchers	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Cities and Towns Police and Fire Dispatch	Local Dial-A-Ride Transit Dispatchers	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Cities and Towns Police and Fire Dispatch	NAIPTA (dba Mountain Line) Paratransit	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Cities and Towns Police and Fire Dispatch	NAIPTA (dba Mountain Line) Paratransit	emergency transit service request	Existing	Request to modify transit service and fare schedules to address emergencies, including requests for transit services to evacuate people from and/or deploy response agency personnel to an emergency scene. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of transit resources.
Cities and Towns Police and Fire Dispatch	NAIPTA (dba Mountain Line) Paratransit	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Cities and Towns Police and Fire Dispatch	NAIPTA (dba Mountain Line) Paratransit	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Cities and Towns Police and Fire Dispatch	NAIPTA (dba Mountain Line) Paratransit	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns Police and Fire Dispatch	NAIPTA (dba Mountain Line) Paratransit	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Cities and Towns Police and Fire Dispatch	NAIPTA (dba Mountain Line) Transit Management Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Cities and Towns Police and Fire Dispatch	NAIPTA (dba Mountain Line) Transit Management Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Cities and Towns Police and Fire Dispatch	NAIPTA (dba Mountain Line) Transit Management Center	emergency transit service request	Existing	Request to modify transit service and fare schedules to address emergencies, including requests for transit services to evacuate people from and/or deploy response agency personnel to an emergency scene. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of transit resources.
Cities and Towns Police and Fire Dispatch	NAIPTA (dba Mountain Line) Transit Management Center	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Cities and Towns Police and Fire Dispatch	NAIPTA (dba Mountain Line) Transit Management Center	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Cities and Towns Police and Fire Dispatch	NAIPTA (dba Mountain Line) Transit Management Center	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Cities and Towns Police and Fire Dispatch	NAIPTA (dba Mountain Line) Transit Management Center	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns Police and Fire Dispatch	Railroad Operations Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Cities and Towns Police and Fire Dispatch	Social Media and Networking	alert notification for social media	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public via social media. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This version of the flow contains only publicly available information and is structured and formatted for publication on specific social media platforms and other public-facing sites.
Cities and Towns Police and Fire Dispatch	Transit Providers Dispatch (Public and Private)	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Cities and Towns Police and Fire Dispatch	Transit Providers Dispatch (Public and Private)	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Cities and Towns Police and Fire Dispatch	Transit Providers Dispatch (Public and Private)	emergency transit service request	Existing	Request to modify transit service and fare schedules to address emergencies, including requests for transit services to evacuate people from and/or deploy response agency personnel to an emergency scene. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of transit resources.
Cities and Towns Police and Fire Dispatch	Transit Providers Dispatch (Public and Private)	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Cities and Towns Police and Fire Dispatch	Transit Providers Dispatch (Public and Private)	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Cities and Towns Police and Fire Dispatch	Transit Providers Dispatch (Public and Private)	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns Police and Fire Dispatch	Transit Providers Dispatch (Public and Private)	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Cities and Towns Police and Fire Dispatch	Yuma County Area Transit (YCAT)	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Cities and Towns Police and Fire Dispatch	Yuma County Area Transit (YCAT)	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Cities and Towns Police and Fire Dispatch	Yuma County Area Transit (YCAT)	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Cities and Towns Police and Fire Dispatch	Yuma County Area Transit (YCAT)	emergency transit service request	Existing	Request to modify transit service and fare schedules to address emergencies, including requests for transit services to evacuate people from and/or deploy response agency personnel to an emergency scene. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of transit resources.
Cities and Towns Police and Fire Dispatch	Yuma County Area Transit (YCAT)	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Cities and Towns Police and Fire Dispatch	Yuma County Area Transit (YCAT)	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Cities and Towns Police and Fire Dispatch	Yuma County Area Transit (YCAT)	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Cities and Towns Police and Fire Dispatch	Yuma County Area Transit (YCAT)	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns Police and Fire Dispatch	Yuma County Area Transit (YCAT)	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Cities and Towns Police and Fire Dispatch	Yuma County Area Transit (YCAT)	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Cities and Towns Police and Fire Dispatch	Yuma County Area Transit (YCAT)	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Cities and Towns Police and Fire Dispatch	Yuma County Area Transit (YCAT)	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Cities and Towns Police and Fire Vehicles	ADOT ITS Field Equipment	local signal preemption request	Planned	Direct control signal or message to a signalized intersection that results in preemption of the current control plan and grants right-of-way to the requesting vehicle.
Cities and Towns Police and Fire Vehicles	Cities and Towns ITS Field Equipment	local signal preemption request	Planned	Direct control signal or message to a signalized intersection that results in preemption of the current control plan and grants right-of-way to the requesting vehicle.
Cities and Towns Police and Fire Vehicles	Cities and Towns Police and Fire Dispatch	emergency dispatch response	Existing	Request for additional emergency dispatch information and provision of en route status.
Cities and Towns Police and Fire Vehicles	Cities and Towns Police and Fire Dispatch	emergency vehicle tracking data	Existing	The current location and operating status of the emergency vehicle.
Cities and Towns Police and Fire Vehicles	Cities and Towns Police and Fire Dispatch	incident scene status	Existing	Information gathered at the incident site that more completely characterizes the incident and provides current incident response status.
Cities and Towns Public Works	Cities and Towns Data Archive	maint and constr archive data	Planned	Information describing road construction and maintenance activities identifying the type of activity, the work performed, and work zone information including work zone configuration and safety (e.g., a record of intrusions and vehicle speeds) information. For construction activities, this information also includes a description of the completed infrastructure, including as-built plans as applicable. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
Cities and Towns Public Works	Cities and Towns Data Archive	transportation weather information	Planned	Current and forecast road conditions and weather information (e.g., surface condition, flooding, wind advisories, visibility, etc.) associated with the transportation network. This information is of a resolution, timeliness, and accuracy to be useful in transportation decision making.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns Public Works	Cities and Towns EOC-EMC	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Cities and Towns Public Works	Cities and Towns EOC-EMC	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Cities and Towns Public Works	Cities and Towns EOC-EMC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Cities and Towns Public Works	Cities and Towns EOC-EMC	maint and constr resource response	Planned	Current status of maintenance and construction resources including availability and deployment status. General resource inventory information covering vehicles, equipment, materials, and people and specific resource deployment status may be included.
Cities and Towns Public Works	Cities and Towns EOC-EMC	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
Cities and Towns Public Works	Cities and Towns MCO Dispatch	environmental conditions data status	Planned	Status of the data quality of environmental conditions data provided by a data contributor. Includes not only status by sensor, but statistical data regarding the quality checking of data provided.
Cities and Towns Public Works	Cities and Towns MCO Dispatch	maint and constr resource coordination	Planned	Request for road maintenance and construction resources that can be used in the diversion of traffic (cones, portable signs), clearance of a road hazard, repair of ancillary damage, or any other incident response.
Cities and Towns Public Works	Cities and Towns MCO Dispatch	qualified environmental conditions data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) that has had quality checks performed on it and has been formatted and consolidated by the Clarus system. Attributes relating to the data collection (and aggregation) are also included.
Cities and Towns Public Works	Cities and Towns MCO Dispatch	work zone information	Planned	Summary of maintenance and construction work zone activities affecting the road network including the nature of the maintenance or construction activity, location, impact to the roadway, expected time(s) and duration of impact, anticipated delays, alternate routes, and suggested speed limits. This information may be augmented with images that provide a visual indication of current work zone status and traffic impacts.
Cities and Towns Public Works	Cities and Towns MCO Vehicles	environmental sensor control	Planned	Data used to configure and control environmental sensors.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns Public Works	Cities and Towns Police and Fire Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Cities and Towns Public Works	Cities and Towns Police and Fire Dispatch	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Cities and Towns Public Works	Cities and Towns Police and Fire Dispatch	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Cities and Towns Public Works	Cities and Towns Police and Fire Dispatch	maint and constr resource response	Planned	Current status of maintenance and construction resources including availability and deployment status. General resource inventory information covering vehicles, equipment, materials, and people and specific resource deployment status may be included.
Cities and Towns Public Works	Cities and Towns Police and Fire Dispatch	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
Cities and Towns Public Works	Cities and Towns Public Works Vehicles	maint and constr dispatch information	Existing	Information used to dispatch maintenance and construction vehicles, equipment, and crews and information used to keep work zone crews informed. This information includes routing information, traffic information, road restrictions, incident information, environmental information, decision support information, maintenance schedule data, dispatch instructions, personnel assignments, alert notifications, and corrective actions.
Cities and Towns Public Works	Cities and Towns Public Works Vehicles	maint and constr vehicle system control	Existing	Configure and control data that supports remote control of on-board maintenance and construction vehicle systems and field equipment that is remotely controlled by the vehicle. For example, the data can be used to adjust material application rates and spread patterns.
Cities and Towns Public Works	Cities and Towns TMC-TOC	environmental conditions data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors and aggregated by the data collector. Attributes relating to the data collection (and aggregation) are also included.
Cities and Towns Public Works	Cities and Towns TMC-TOC	environmental conditions data status	Planned	Status of the data quality of environmental conditions data provided by a data contributor. Includes not only status by sensor, but statistical data regarding the quality checking of data provided.
Cities and Towns Public Works	Cities and Towns TMC-TOC	equipment maintenance status	Planned	Current status of field equipment maintenance actions.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns Public Works	Cities and Towns TMC-TOC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Cities and Towns Public Works	Cities and Towns TMC-TOC	maint and constr resource response	Planned	Current status of maintenance and construction resources including availability and deployment status. General resource inventory information covering vehicles, equipment, materials, and people and specific resource deployment status may be included.
Cities and Towns Public Works	Cities and Towns TMC-TOC	maint and constr work plans	Planned	Future construction and maintenance work schedules and activities including anticipated closures with anticipated impact to the roadway, alternate routes, anticipated delays, closure times, and durations.
Cities and Towns Public Works	Cities and Towns TMC-TOC	qualified environmental conditions data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) that has had quality checks performed on it and has been formatted and consolidated by the Clarus system. Attributes relating to the data collection (and aggregation) are also included.
Cities and Towns Public Works	Cities and Towns TMC-TOC	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
Cities and Towns Public Works	Cities and Towns TMC-TOC	road weather information	Planned	Road conditions and weather information that are made available by road maintenance operations to other transportation system operators.
Cities and Towns Public Works	Cities and Towns TMC-TOC	roadway maintenance status	Planned	Summary of maintenance fleet operations affecting the road network. This includes the status of winter maintenance (snow plow schedule and current status).
Cities and Towns Public Works	Cities and Towns TMC-TOC	transportation weather information	Planned	Current and forecast road conditions and weather information (e.g., surface condition, flooding, wind advisories, visibility, etc.) associated with the transportation network. This information is of a resolution, timeliness, and accuracy to be useful in transportation decision making.
Cities and Towns Public Works	Cities and Towns TMC-TOC	work zone information	Planned	Summary of maintenance and construction work zone activities affecting the road network including the nature of the maintenance or construction activity, location, impact to the roadway, expected time(s) and duration of impact, anticipated delays, alternate routes, and suggested speed limits. This information may be augmented with images that provide a visual indication of current work zone status and traffic impacts.
Cities and Towns Public Works	Cities and Towns Weather Flood Alerts	environmental sensor control	Planned	Data used to configure and control environmental sensors.
Cities and Towns Public Works	DPS Wireless Systems Bureau	maint and constr resource coordination	Planned	Request for road maintenance and construction resources that can be used in the diversion of traffic (cones, portable signs), clearance of a road hazard, repair of ancillary damage, or any other incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns Public Works	DPS Wireless Systems Bureau	road weather information	Planned	Road conditions and weather information that are made available by road maintenance operations to other transportation system operators.
Cities and Towns Public Works	DPS Wireless Systems Bureau	work zone information	Planned	Summary of maintenance and construction work zone activities affecting the road network including the nature of the maintenance or construction activity, location, impact to the roadway, expected time(s) and duration of impact, anticipated delays, alternate routes, and suggested speed limits. This information may be augmented with images that provide a visual indication of current work zone status and traffic impacts.
Cities and Towns Public Works	NOAA_National Weather Service	environmental conditions data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors and aggregated by the data collector. Attributes relating to the data collection (and aggregation) are also included.
Cities and Towns Public Works	NOAA_National Weather Service	road weather information	Planned	Road conditions and weather information that are made available by road maintenance operations to other transportation system operators.
Cities and Towns Public Works Vehicles	Cities and Towns MCO Dispatch	maint and constr dispatch status	Existing	Current maintenance and construction status including work data, operator status, crew status, and equipment status.
Cities and Towns Public Works Vehicles	Cities and Towns MCO Dispatch	maint and constr vehicle conditions	Planned	Vehicle diagnostics information that is collected, filtered, and selectively reported by a maintenance and construction vehicle. The information includes engine temperature, mileage, tire wear, brake wear, belt wear, and any warnings or alarms concerning the operational condition of the vehicle and ancillary equipment.
Cities and Towns Public Works Vehicles	Cities and Towns MCO Dispatch	maint and constr vehicle location data	Existing	The current location and related status (e.g., direction and speed) of the maintenance/construction vehicle.
Cities and Towns Public Works Vehicles	Cities and Towns MCO Dispatch	maint and constr vehicle operational data	Existing	Data that describes the maintenance and construction activity performed by the vehicle. Operational data includes materials usage (amount stored and current application rate), operational state of the maintenance equipment (e.g., blade up/down, spreader pattern), vehicle safety status, and other measures associated with the operation of a maintenance, construction, or other special purpose vehicle. Operational data may include basic operational status of the vehicle equipment or a more precise record of the work performed (e.g., application of crack sealant with precise locations and application characteristics).
Cities and Towns Public Works Vehicles	Cities and Towns MCO Dispatch	work zone status	Planned	Current work zone status including current location (and future locations for moving work zones), impact to the roadway, required lane shifts, expected time(s) and duration of impact, anticipated delays, alternate routes, and suggested speed limits.
Cities and Towns Public Works Vehicles	Cities and Towns MCO Vehicles	maint and constr vehicle control	Existing	Control data sent from on-board ITS systems to control maintenance and construction vehicle equipment, including control of materials dispersion rate and other control functions that will vary with vehicle type and application.
Cities and Towns Public Works Vehicles	Cities and Towns Public Works	maint and constr dispatch status	Existing	Current maintenance and construction status including work data, operator status, crew status, and equipment status.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns Public Works Vehicles	Cities and Towns Public Works	maint and constr vehicle conditions	Planned	Vehicle diagnostics information that is collected, filtered, and selectively reported by a maintenance and construction vehicle. The information includes engine temperature, mileage, tire wear, brake wear, belt wear, and any warnings or alarms concerning the operational condition of the vehicle and ancillary equipment.
Cities and Towns Public Works Vehicles	Cities and Towns Public Works	maint and constr vehicle location data	Existing	The current location and related status (e.g., direction and speed) of the maintenance/construction vehicle.
Cities and Towns Public Works Vehicles	Cities and Towns Public Works	maint and constr vehicle operational data	Existing	Data that describes the maintenance and construction activity performed by the vehicle. Operational data includes materials usage (amount stored and current application rate), operational state of the maintenance equipment (e.g., blade up/down, spreader pattern), vehicle safety status, and other measures associated with the operation of a maintenance, construction, or other special purpose vehicle. Operational data may include basic operational status of the vehicle equipment or a more precise record of the work performed (e.g., application of crack sealant with precise locations and application characteristics).
Cities and Towns Public Works Vehicles	Cities and Towns Public Works	work zone status	Planned	Current work zone status including current location (and future locations for moving work zones), impact to the roadway, required lane shifts, expected time(s) and duration of impact, anticipated delays, alternate routes, and suggested speed limits.
Cities and Towns Public Works Vehicles	County Public Works	maint and constr vehicle conditions	Planned	Vehicle diagnostics information that is collected, filtered, and selectively reported by a maintenance and construction vehicle. The information includes engine temperature, mileage, tire wear, brake wear, belt wear, and any warnings or alarms concerning the operational condition of the vehicle and ancillary equipment.
Cities and Towns TIC and Website	ADOT 511 Website	emergency traveler information	Existing	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
Cities and Towns TIC and Website	ADOT TOC Traffic Information Center	alternate mode information	Planned	Schedule information for alternate mode transportation providers such as air, ferry, and passenger-carrying heavy rail. This also includes details of incidents and other service disruptions that have occurred in the alternative mode. This also includes measures of service demand that supports assessment of their impact on the road network.
Cities and Towns TIC and Website	ADOT TOC Traffic Information Center	emergency traveler information	Existing	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns TIC and Website	ADOT TOC Traffic Information Center	transit service information	Planned	Transit service information including routes, schedules, and fare information as well as dynamic transit schedule adherence and transit vehicle location information.
Cities and Towns TIC and Website	ATTP Tribal Coordination Website	emergency traveler information	Existing	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
Cities and Towns TIC and Website	Cities and Towns Data Archive	traveler archive data	Planned	Data associated with traveler information services including service requests, facility usage, rideshare, routing, and traveler payment transaction data. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
Cities and Towns TIC and Website	Cities and Towns EOC-EMC	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Cities and Towns TIC and Website	Cities and Towns Police and Fire Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Cities and Towns TIC and Website	Cities and Towns TMC-TOC	fare and price information	Planned	Current transit, parking, and toll fee schedule information.
Cities and Towns TIC and Website	Cities and Towns TMC-TOC	logged vehicle routes	Planned	Anticipated route information for guided vehicles, special vehicles (e.g., oversize vehicles) or groups of vehicles (e.g., governor's motorcade) that may require changes in traffic control strategy.
Cities and Towns TIC and Website	Cities and Towns Transit Dispatch	demand responsive transit request	Planned	Request for paratransit support.
Cities and Towns TIC and Website	Cities and Towns Transit Dispatch	transit fare request	Planned	Request for fare information and transit fare payment.
Cities and Towns TIC and Website	Cities and Towns Transit Dispatch	transit trip request	Planned	Request for a transit trip plan that is responsive to traveler requirements such as schedule, cost, or duration.
Cities and Towns TIC and Website	Cities and Towns Transit Dispatch	trip confirmation	Planned	Acknowledgement by the driver/traveler of acceptance of a trip plan with associated personal and payment information required to confirm reservations. Conversely, this flow may also reject the proposed trip plan. Confirmations include the selected route and subsequent trip confirmation messages will be issued for route changes.
Cities and Towns TIC and Website	Personal Information Devices for Travelers	emergency traveler information	Existing	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns TIC and Website	Public Private Traveler Information	emergency traveler information	Existing	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
Cities and Towns TIC and Website	Wide Area Alerting Systems	alternate mode information	Planned	Schedule information for alternate mode transportation providers such as air, ferry, and passenger-carrying heavy rail. This also includes details of incidents and other service disruptions that have occurred in the alternative mode. This also includes measures of service demand that supports assessment of their impact on the road network.
Cities and Towns TIC and Website	Wide Area Alerting Systems	emergency traveler information	Planned	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
Cities and Towns TIC and Website	Wide Area Alerting Systems	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
Cities and Towns TIC and Website	Wide Area Alerting Systems	parking information	Planned	General parking information and status, including current parking availability, parking pricing, and parking space availability information, including features like number and type of electric charging spots.
Cities and Towns TIC and Website	Wide Area Alerting Systems	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
Cities and Towns TIC and Website	Wide Area Alerting Systems	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
Cities and Towns TIC and Website	Wide Area Alerting Systems	transit service information	Planned	Transit service information including routes, schedules, and fare information as well as dynamic transit schedule adherence and transit vehicle location information.
Cities and Towns TMC-TOC	ADOT TOC and EMC	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Cities and Towns TMC-TOC	ADOT TOC and EMC	device control request	Planned	Request for device control action
Cities and Towns TMC-TOC	ADOT TOC and EMC	device data	Planned	Data from detectors, environmental sensor stations, roadside equipment, and traffic control devices, including device inventory information.
Cities and Towns TMC-TOC	ADOT TOC and EMC	device status	Planned	Status information from devices

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns TMC-TOC	ADOT TOC and EMC	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Cities and Towns TMC-TOC	ADOT TOC and EMC	emergency traffic control information	Planned	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
Cities and Towns TMC-TOC	ADOT TOC and EMC	emergency traffic coordination	Planned	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
Cities and Towns TMC-TOC	ADOT TOC and EMC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Cities and Towns TMC-TOC	ADOT TOC and EMC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Cities and Towns TMC-TOC	ADOT TOC and EMC	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
Cities and Towns TMC-TOC	ADOT TOC and EMC	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
Cities and Towns TMC-TOC	ADOT TOC and EMC	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
Cities and Towns TMC-TOC	ADOT TOC and EMC	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns TMC-TOC	ADOT TOC and EMC	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
Cities and Towns TMC-TOC	ADOT TOC and EMC	transportation operational strategies	Planned	Operational strategies for each operating agency in a transportation corridor, downtown area, or other travel-impacted area, providing an integrated operations strategy for the freeways, tollways, arterials, transit services, parking facilities, and other transportation-related facilities in the area. These strategies can include dynamic adjustments to transit fares and tolls, parking fees and restrictions, dynamic lane restriction changes, and other active demand management strategies.
Cities and Towns TMC-TOC	Cities and Towns Data Archive	traffic archive data	Existing	Information describing the use and vehicle composition on transportation facilities and the traffic control strategies employed. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
Cities and Towns TMC-TOC	Cities and Towns EOC-EMC	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Cities and Towns TMC-TOC	Cities and Towns EOC-EMC	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Cities and Towns TMC-TOC	Cities and Towns EOC-EMC	emergency traffic control information	Planned	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
Cities and Towns TMC-TOC	Cities and Towns EOC-EMC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Cities and Towns TMC-TOC	Cities and Towns EOC-EMC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Cities and Towns TMC-TOC	Cities and Towns EOC-EMC	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns TMC-TOC	Cities and Towns EOC-EMC	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
Cities and Towns TMC-TOC	Cities and Towns EOC-EMC	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
Cities and Towns TMC-TOC	Cities and Towns EOC-EMC	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
Cities and Towns TMC-TOC	Cities and Towns EOC-EMC	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
Cities and Towns TMC-TOC	Cities and Towns ITS Field Equipment	environmental sensor control	Existing	Data used to configure and control environmental sensors.
Cities and Towns TMC-TOC	Cities and Towns ITS Field Equipment	passive vehicle monitoring control	Planned	Control commands used to control detection systems that rely on infrastructure-based identification of individual vehicles to measure travel times and other related measures by identifying the same vehicle at different points in the network. Related technologies include Bluetooth readers and license plate recognition systems.
Cities and Towns TMC-TOC	Cities and Towns ITS Field Equipment	rail crossing control data	Planned	Data required for HRI information transmitted at railroad grade crossings and within railroad operations.
Cities and Towns TMC-TOC	Cities and Towns ITS Field Equipment	rail crossing request	Planned	A request for highway-rail intersection status or a specific control request intended to modify HRI operation.
Cities and Towns TMC-TOC	Cities and Towns ITS Field Equipment	roadway dynamic signage data	Planned	Information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support remote management of these devices.
Cities and Towns TMC-TOC	Cities and Towns ITS Field Equipment	signal control commands	Existing	Control of traffic signal controllers or field masters including clock synchronization.
Cities and Towns TMC-TOC	Cities and Towns ITS Field Equipment	signal control device configuration	Existing	Data used to configure traffic signal control equipment including local controllers and system masters.
Cities and Towns TMC-TOC	Cities and Towns ITS Field Equipment	signal control plans	Existing	Traffic signal timing parameters including minimum green time and interval durations for basic operation and cycle length, splits, offset, phase sequence, etc. for coordinated systems.
Cities and Towns TMC-TOC	Cities and Towns ITS Field Equipment	signal system configuration	Existing	Data used to configure traffic signal systems including configuring control sections and mode of operation (time based or traffic responsive).
Cities and Towns TMC-TOC	Cities and Towns ITS Field Equipment	traffic detector control	Existing	Information used to configure and control traffic detector systems such as inductive loop detectors and machine vision sensors.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns TMC-TOC	Cities and Towns ITS Field Equipment	video surveillance control	Existing	Information used to configure and control video surveillance systems.
Cities and Towns TMC-TOC	Cities and Towns MCO Dispatch	environmental conditions data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors and aggregated by the data collector. Attributes relating to the data collection (and aggregation) are also included.
Cities and Towns TMC-TOC	Cities and Towns MCO Dispatch	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Cities and Towns TMC-TOC	Cities and Towns MCO Dispatch	maint and constr resource request	Planned	Request for road maintenance and construction resources that can be used in the diversion of traffic (cones, portable signs), clearance of a road hazard, repair of ancillary damage, or any other incident response. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of resources.
Cities and Towns TMC-TOC	Cities and Towns MCO Dispatch	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
Cities and Towns TMC-TOC	Cities and Towns MCO Dispatch	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
Cities and Towns TMC-TOC	Cities and Towns MCO Dispatch	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
Cities and Towns TMC-TOC	Cities and Towns Police and Fire Dispatch	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Cities and Towns TMC-TOC	Cities and Towns Police and Fire Dispatch	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns TMC-TOC	Cities and Towns Police and Fire Dispatch	emergency traffic control information	Planned	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
Cities and Towns TMC-TOC	Cities and Towns Police and Fire Dispatch	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Cities and Towns TMC-TOC	Cities and Towns Police and Fire Dispatch	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Cities and Towns TMC-TOC	Cities and Towns Police and Fire Dispatch	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
Cities and Towns TMC-TOC	Cities and Towns Police and Fire Dispatch	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
Cities and Towns TMC-TOC	Cities and Towns Police and Fire Dispatch	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
Cities and Towns TMC-TOC	Cities and Towns Police and Fire Dispatch	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
Cities and Towns TMC-TOC	Cities and Towns Police and Fire Dispatch	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
Cities and Towns TMC-TOC	Cities and Towns Public Works	environmental conditions data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors and aggregated by the data collector. Attributes relating to the data collection (and aggregation) are also included.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns TMC-TOC	Cities and Towns Public Works	equipment maintenance request	Planned	Identification of field equipment requiring repair and known information about the associated faults.
Cities and Towns TMC-TOC	Cities and Towns Public Works	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Cities and Towns TMC-TOC	Cities and Towns Public Works	maint and constr resource request	Planned	Request for road maintenance and construction resources that can be used in the diversion of traffic (cones, portable signs), clearance of a road hazard, repair of ancillary damage, or any other incident response. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of resources.
Cities and Towns TMC-TOC	Cities and Towns Public Works	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
Cities and Towns TMC-TOC	Cities and Towns Public Works	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
Cities and Towns TMC-TOC	Cities and Towns Public Works	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
Cities and Towns TMC-TOC	Cities and Towns Public Works	transportation operational strategies	Planned	Operational strategies for each operating agency in a transportation corridor, downtown area, or other travel-impacted area, providing an integrated operations strategy for the freeways, tollways, arterials, transit services, parking facilities, and other transportation-related facilities in the area. These strategies can include dynamic adjustments to transit fares and tolls, parking fees and restrictions, dynamic lane restriction changes, and other active demand management strategies.
Cities and Towns TMC-TOC	Cities and Towns TIC and Website	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
Cities and Towns TMC-TOC	Cities and Towns TIC and Website	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
Cities and Towns TMC-TOC	Cities and Towns TIC and Website	traffic control information	Planned	Represents the flow of traffic control and status information between centers. This is reporting only, not actual control. This specifically includes the current state of any demand management strategies that have been implemented.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns TMC-TOC	Cities and Towns TIC and Website	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
Cities and Towns TMC-TOC	Cities and Towns TIC and Website	transportation operational strategies	Planned	Operational strategies for each operating agency in a transportation corridor, downtown area, or other travel-impacted area, providing an integrated operations strategy for the freeways, tollways, arterials, transit services, parking facilities, and other transportation-related facilities in the area. These strategies can include dynamic adjustments to transit fares and tolls, parking fees and restrictions, dynamic lane restriction changes, and other active demand management strategies.
Cities and Towns TMC-TOC	Cities and Towns Weather Flood Alerts	environmental sensor control	Existing	Data used to configure and control environmental sensors.
Cities and Towns TMC-TOC	Cities and Towns Weather Flood Alerts	passive vehicle monitoring control	Existing	Control commands used to control detection systems that rely on infrastructure-based identification of individual vehicles to measure travel times and other related measures by identifying the same vehicle at different points in the network. Related technologies include Bluetooth readers and license plate recognition systems.
Cities and Towns TMC-TOC	Cities and Towns Weather Flood Alerts	rail crossing control data	Planned	Data required for HRI information transmitted at railroad grade crossings and within railroad operations.
Cities and Towns TMC-TOC	Cities and Towns Weather Flood Alerts	rail crossing request	Planned	A request for highway-rail intersection status or a specific control request intended to modify HRI operation.
Cities and Towns TMC-TOC	Cities and Towns Weather Flood Alerts	roadway dynamic signage data	Planned	Information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support remote management of these devices.
Cities and Towns TMC-TOC	Cities and Towns Weather Flood Alerts	signal control commands	Planned	Control of traffic signal controllers or field masters including clock synchronization.
Cities and Towns TMC-TOC	Cities and Towns Weather Flood Alerts	signal control device configuration	Existing	Data used to configure traffic signal control equipment including local controllers and system masters.
Cities and Towns TMC-TOC	Cities and Towns Weather Flood Alerts	signal control plans	Planned	Traffic signal timing parameters including minimum green time and interval durations for basic operation and cycle length, splits, offset, phase sequence, etc. for coordinated systems.
Cities and Towns TMC-TOC	Cities and Towns Weather Flood Alerts	signal system configuration	Planned	Data used to configure traffic signal systems including configuring control sections and mode of operation (time based or traffic responsive).
Cities and Towns TMC-TOC	Cities and Towns Weather Flood Alerts	traffic detector control	Planned	Information used to configure and control traffic detector systems such as inductive loop detectors and machine vision sensors.
Cities and Towns TMC-TOC	Cities and Towns Weather Flood Alerts	video surveillance control	Planned	Information used to configure and control video surveillance systems.
Cities and Towns TMC-TOC	DEMA SEOC Arizona DEM Military Affairs	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.

Information Flows – Tabular Format (sorted by Source Element)

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Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns TMC-TOC	DEMA SEOC Arizona DEM Military Affairs	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Cities and Towns TMC-TOC	DEMA SEOC Arizona DEM Military Affairs	emergency traffic control information	Planned	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
Cities and Towns TMC-TOC	DEMA SEOC Arizona DEM Military Affairs	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
Cities and Towns TMC-TOC	DEMA SEOC Arizona DEM Military Affairs	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
Cities and Towns TMC-TOC	DEMA SEOC Arizona DEM Military Affairs	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
Cities and Towns TMC-TOC	DPS Central Communications Center	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Cities and Towns TMC-TOC	DPS Central Communications Center	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Cities and Towns TMC-TOC	DPS Central Communications Center	emergency traffic control information	Planned	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
Cities and Towns TMC-TOC	DPS Central Communications Center	emergency traffic coordination	Planned	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns TMC-TOC	DPS Central Communications Center	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
Cities and Towns TMC-TOC	DPS Central Communications Center	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
Cities and Towns TMC-TOC	DPS Central Communications Center	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
Cities and Towns TMC-TOC	DPS Central Communications Center	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
Cities and Towns TMC-TOC	NOAA_National Weather Service	environmental conditions data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors and aggregated by the data collector. Attributes relating to the data collection (and aggregation) are also included.
Cities and Towns TMC-TOC	NOAA_National Weather Service	road network environmental situation data	Planned	Aggregated environmental situation data collected from vehicles and other sources for the road network. Aggregated information would include measured air temperature, exterior light status, wiper status, sun sensor status, rain sensor status, traction control status, ALB status, and other collected vehicle system status and sensor information for the region.
Cities and Towns TMC-TOC	Public Private Traveler Information	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
Cities and Towns TMC-TOC	Public Private Traveler Information	traffic control information	Planned	Represents the flow of traffic control and status information between centers. This is reporting only, not actual control. This specifically includes the current state of any demand management strategies that have been implemented.
Cities and Towns TMC-TOC	Public Private Traveler Information	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
Cities and Towns TMC-TOC	Public Private Traveler Information	transportation operational strategies	Planned	Operational strategies for each operating agency in a transportation corridor, downtown area, or other travel-impacted area, providing an integrated operations strategy for the freeways, tollways, arterials, transit services, parking facilities, and other transportation-related facilities in the area. These strategies can include dynamic adjustments to transit fares and tolls, parking fees and restrictions, dynamic lane restriction changes, and other active demand management strategies.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns TMC-TOC	Rail Grade Wayside Warning Systems	rail crossing control data	Planned	Data required for HRI information transmitted at railroad grade crossings and within railroad operations.
Cities and Towns TMC-TOC	Rail Grade Wayside Warning Systems	rail crossing request	Planned	A request for highway-rail intersection status or a specific control request intended to modify HRI operation.
Cities and Towns TMC-TOC	Wide Area Alerting Systems	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
Cities and Towns Train Wayside Alert	Cities and Towns ITS Field Equipment	track status	Planned	Current status of the wayside equipment and notification of an arriving train.
Cities and Towns Train Wayside Alert	Rail Grade Wayside Warning Systems	track status	Planned	Current status of the wayside equipment and notification of an arriving train.
Cities and Towns Transit Dispatch	ADOT 511 IVR	transit and fare schedules	Planned	Transit service information including routes, schedules, and fare information. This also includes on-demand service information.
Cities and Towns Transit Dispatch	ADOT 511 IVR	transit fare information	Planned	Information provided by transit management that supports fare payment transactions.
Cities and Towns Transit Dispatch	ADOT 511 IVR	transit trip plan	Planned	An origin-destination transit trip that may involve multiple modes and connections.
Cities and Towns Transit Dispatch	Cities and Towns Data Archive	transit archive data	Existing	Data used to describe and monitor transit demand, fares, operations, and system performance. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
Cities and Towns Transit Dispatch	Cities and Towns EOC-EMC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Cities and Towns Transit Dispatch	Cities and Towns EOC-EMC	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Cities and Towns Transit Dispatch	Cities and Towns EOC-EMC	emergency transit service response	Existing	Response indicating changes to transit service, fares, and/or restrictions that will be made and status of transit resources to be deployed to support emergency response and/or evacuation.
Cities and Towns Transit Dispatch	Cities and Towns EOC-EMC	transit system status assessment	Planned	Assessment of damage sustained by the public transportation system including location and extent of the damage, current operational status including an estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Cities and Towns Transit Dispatch	Cities and Towns Police and Fire Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns Transit Dispatch	Cities and Towns Police and Fire Dispatch	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Cities and Towns Transit Dispatch	Cities and Towns Police and Fire Dispatch	emergency transit service response	Existing	Response indicating changes to transit service, fares, and/or restrictions that will be made and status of transit resources to be deployed to support emergency response and/or evacuation.
Cities and Towns Transit Dispatch	Cities and Towns Police and Fire Dispatch	transit system status assessment	Existing	Assessment of damage sustained by the public transportation system including location and extent of the damage, current operational status including an estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Cities and Towns Transit Dispatch	Cities and Towns TIC and Website	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Cities and Towns Transit Dispatch	Cities and Towns TIC and Website	transit and fare schedules	Planned	Transit service information including routes, schedules, and fare information. This also includes on-demand service information.
Cities and Towns Transit Dispatch	Cities and Towns TIC and Website	transit fare information	Planned	Information provided by transit management that supports fare payment transactions.
Cities and Towns Transit Dispatch	Cities and Towns TIC and Website	transit incident information	Planned	Information on transit incidents that impact transit services for public dissemination.
Cities and Towns Transit Dispatch	Cities and Towns TIC and Website	transit schedule adherence information	Planned	Dynamic transit schedule adherence and transit vehicle location information.
Cities and Towns Transit Dispatch	Cities and Towns TIC and Website	transit trip plan	Planned	An origin-destination transit trip that may involve multiple modes and connections.
Cities and Towns Transit Dispatch	Cities and Towns Transit Vehicles	alarm acknowledge	Existing	Confirmation that alarm was received, instructions and additional information for the alarm initiator, and requests for additional information.
Cities and Towns Transit Dispatch	Cities and Towns Transit Vehicles	authorization response	Planned	Notification of status of authorization request.
Cities and Towns Transit Dispatch	Cities and Towns Transit Vehicles	fare management information	Planned	Transit fare information and transaction data used to manage transit fare processing.
Cities and Towns Transit Dispatch	Cities and Towns Transit Vehicles	remote vehicle disable	Planned	Signal used to remotely disable a transit vehicle.
Cities and Towns Transit Dispatch	Cities and Towns Transit Vehicles	transit schedule information	Planned	Current and projected transit schedule information used to initialize the transit vehicle with a vehicle assignment, monitor schedule performance, and develop corrective actions on-board.
Cities and Towns Transit Dispatch	Cities and Towns Transit Vehicles	transit stop request	Planned	Notification that a transit stop has been requested by a transit user at a roadside stop. This flow identifies the route, stop, and the time of the request.
Cities and Towns Transit Dispatch	Cities and Towns Transit Vehicles	transit vehicle operator authentication update	Planned	Results of authentication process or update of on-board authentication database.
Cities and Towns Transit Dispatch	Cities and Towns Transit Vehicles	transit vehicle operator information	Planned	Transit service instructions, wide area alerts, traffic information, road conditions, and other information for both transit and paratransit operators.

Information Flows – Tabular Format (sorted by Source Element)

RAD-IT Table

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns Transit Dispatch	County Transit Kiosks	authorization response	Planned	Notification of status of authorization request.
Cities and Towns Transit Dispatch	County Transit Kiosks	fare management information	Planned	Transit fare information and transaction data used to manage transit fare processing.
Cities and Towns Transit Dispatch	County Transit Kiosks	transit traveler information	Planned	Transit information prepared to support transit users and other travelers. It contains transit schedules, real-time arrival information, fare schedules, alerts and advisories, and general transit service information.
Cities and Towns Transit Dispatch	DPS Central Communications Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Cities and Towns Transit Dispatch	DPS Central Communications Center	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Cities and Towns Transit Dispatch	DPS Central Communications Center	emergency transit service response	Existing	Response indicating changes to transit service, fares, and/or restrictions that will be made and status of transit resources to be deployed to support emergency response and/or evacuation.
Cities and Towns Transit Dispatch	DPS Central Communications Center	transit emergency data	Planned	Initial notification of transit emergency at a transit stop or on transit vehicles and further coordination as additional details become available and the response is coordinated.
Cities and Towns Transit Dispatch	DPS Central Communications Center	transit system status assessment	Existing	Assessment of damage sustained by the public transportation system including location and extent of the damage, current operational status including an estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Cities and Towns Transit Dispatch	Financial Institution	payment request	Planned	Request for payment from financial institution or related financial service requests (e.g., balance inquiry)
Cities and Towns Transit Dispatch	Independent School District Bus Dispatch	transit service coordination	Existing	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
Cities and Towns Transit Dispatch	Local Dial-A-Ride Transit Dispatchers	transit fare coordination	Existing	Fare and pricing information shared between local/regional transit organizations.
Cities and Towns Transit Dispatch	Local Dial-A-Ride Transit Dispatchers	transit service coordination	Existing	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
Cities and Towns Transit Dispatch	Local Dial-A-Ride Transit Vehicles	authorization response	Planned	Notification of status of authorization request.
Cities and Towns Transit Dispatch	Local Dial-A-Ride Transit Vehicles	fare management information	Existing	Transit fare information and transaction data used to manage transit fare processing.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns Transit Dispatch	Local Dial-A-Ride Transit Vehicles	transit schedule information	Planned	Current and projected transit schedule information used to initialize the transit vehicle with a vehicle assignment, monitor schedule performance, and develop corrective actions on-board.
Cities and Towns Transit Dispatch	Local Dial-A-Ride Transit Vehicles	transit stop request	Planned	Notification that a transit stop has been requested by a transit user at a roadside stop. This flow identifies the route, stop, and the time of the request.
Cities and Towns Transit Dispatch	Local Dial-A-Ride Transit Vehicles	transit vehicle operator information	Planned	Transit service instructions, wide area alerts, traffic information, road conditions, and other information for both transit and paratransit operators.
Cities and Towns Transit Dispatch	NAIPTA (dba Mountain Line) Paratransit	transit fare coordination	Planned	Fare and pricing information shared between local/regional transit organizations.
Cities and Towns Transit Dispatch	NAIPTA (dba Mountain Line) Paratransit	transit service coordination	Existing	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
Cities and Towns Transit Dispatch	NAIPTA (dba Mountain Line) Transit Data Archive	transit archive data	Planned	Data used to describe and monitor transit demand, fares, operations, and system performance. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
Cities and Towns Transit Dispatch	NAIPTA (dba Mountain Line) Transit Management Center	transit fare coordination	Planned	Fare and pricing information shared between local/regional transit organizations.
Cities and Towns Transit Dispatch	NAIPTA (dba Mountain Line) Transit Management Center	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
Cities and Towns Transit Dispatch	NAIPTA (dba Mountain Line) Transit Management Center	transit traveler information coordination	Planned	Transit schedules, real-time arrival information, fare schedules, and general transit service information shared between transit organizations to support transit traveler information systems.
Cities and Towns Transit Dispatch	NAIPTA (dba Mountain Line) Website and FLGRide	demand responsive transit plan	Existing	Plan regarding overall demand responsive transit schedules and deployment.
Cities and Towns Transit Dispatch	NAIPTA (dba Mountain Line) Website and FLGRide	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Cities and Towns Transit Dispatch	NAIPTA (dba Mountain Line) Website and FLGRide	transit and fare schedules	Existing	Transit service information including routes, schedules, and fare information. This also includes on-demand service information.
Cities and Towns Transit Dispatch	NAIPTA (dba Mountain Line) Website and FLGRide	transit fare information	Planned	Information provided by transit management that supports fare payment transactions.
Cities and Towns Transit Dispatch	NAIPTA (dba Mountain Line) Website and FLGRide	transit schedule adherence information	Existing	Dynamic transit schedule adherence and transit vehicle location information.
Cities and Towns Transit Dispatch	NAIPTA (dba Mountain Line) Website and FLGRide	transit trip plan	Planned	An origin-destination transit trip that may involve multiple modes and connections.
Cities and Towns Transit Dispatch	Payment Administration Center	account updates	Planned	Updates to an account, such as purchases, uses, cancellation, secureID changes or similar material changes to account information.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns Transit Dispatch	Payment Administration Center	service registry	Planned	Catalogue of products and values, access rights and related information.
Cities and Towns Transit Dispatch	Payment Administration Center	smart card reconciliation	Planned	Detailed list of charges of the form charge/transport provider, taken from a smart card that need to be applied to the listed providers.
Cities and Towns Transit Dispatch	Payment Administration Center	trip access coordination	Planned	Access token granting the bearer the right to use a given transportation resource; typically used when one payment provider is paid for a trip using multiple travel providers; the token is used by the Traveler to gain access to one or more of the travel provider resource (e.g., a transit ride).
Cities and Towns Transit Dispatch	Personal Information Devices for Travelers	personal transit information	Planned	General and personalized transit information for a particular fixed route, flexible route, or paratransit system.
Cities and Towns Transit Dispatch	Personal Information Devices for Travelers	registered secureIDs	Planned	Cryptographically protected identifier indicating that the user associated with the identifier is entitled to use a particular service.
Cities and Towns Transit Dispatch	Personal Information Devices for Travelers	traveler payment request	Planned	Request for information supporting payments. For fee structures that include incentives, the request may support either an account debit or an account credit or reimbursement.
Cities and Towns Transit Dispatch	Personal Information Devices for Travelers	user account reports	Planned	Reports on services offered/provided and associated charges.
Cities and Towns Transit Dispatch	Private Transit Routing Service Provider	authorization response	Planned	Notification of status of authorization request.
Cities and Towns Transit Dispatch	Private Transit Routing Service Provider	fare management information	Planned	Transit fare information and transaction data used to manage transit fare processing.
Cities and Towns Transit Dispatch	Private Transit Routing Service Provider	personal transit information	Planned	General and personalized transit information for a particular fixed route, flexible route, or paratransit system.
Cities and Towns Transit Dispatch	Private Transit Routing Service Provider	registered secureIDs	Planned	Cryptographically protected identifier indicating that the user associated with the identifier is entitled to use a particular service.
Cities and Towns Transit Dispatch	Private Transit Routing Service Provider	transit traveler information	Planned	Transit information prepared to support transit users and other travelers. It contains transit schedules, real-time arrival information, fare schedules, alerts and advisories, and general transit service information.
Cities and Towns Transit Dispatch	Private Transit Routing Service Provider	traveler payment request	Planned	Request for information supporting payments. For fee structures that include incentives, the request may support either an account debit or an account credit or reimbursement.
Cities and Towns Transit Dispatch	Private Transit Routing Service Provider	user account reports	Planned	Reports on services offered/provided and associated charges.
Cities and Towns Transit Dispatch	Public Private Traveler Information	demand responsive transit plan	Planned	Plan regarding overall demand responsive transit schedules and deployment.
Cities and Towns Transit Dispatch	Public Private Traveler Information	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Cities and Towns Transit Dispatch	Public Private Traveler Information	transit and fare schedules	Planned	Transit service information including routes, schedules, and fare information. This also includes on-demand service information.
Cities and Towns Transit Dispatch	Public Private Traveler Information	transit fare information	Planned	Information provided by transit management that supports fare payment transactions.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns Transit Dispatch	Public Private Traveler Information	transit probe data	Planned	Aggregate probe data derived from tracking transit vehicles. Data collected could include transit vehicle speeds and travel times for a given link or collection of links.
Cities and Towns Transit Dispatch	Public Private Traveler Information	transit schedule adherence information	Existing	Dynamic transit schedule adherence and transit vehicle location information.
Cities and Towns Transit Dispatch	Public Private Traveler Information	transit trip plan	Planned	An origin-destination transit trip that may involve multiple modes and connections.
Cities and Towns Transit Dispatch	Transit Providers Dispatch (Public and Private)	transit fare coordination	Planned	Fare and pricing information shared between local/regional transit organizations.
Cities and Towns Transit Dispatch	Transit Providers Dispatch (Public and Private)	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
Cities and Towns Transit Dispatch	Transit Providers Dispatch (Public and Private)	transit traveler information coordination	Planned	Transit schedules, real-time arrival information, fare schedules, and general transit service information shared between transit organizations to support transit traveler information systems.
Cities and Towns Transit Dispatch	Tribal Transit Centers	transit fare coordination	Planned	Fare and pricing information shared between local/regional transit organizations.
Cities and Towns Transit Dispatch	Tribal Transit Centers	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
Cities and Towns Transit Dispatch	YCAT Kiosks	authorization response	Planned	Notification of status of authorization request.
Cities and Towns Transit Dispatch	YCAT Kiosks	fare management information	Planned	Transit fare information and transaction data used to manage transit fare processing.
Cities and Towns Transit Dispatch	YCAT Kiosks	transit traveler information	Planned	Transit information prepared to support transit users and other travelers. It contains transit schedules, real-time arrival information, fare schedules, alerts and advisories, and general transit service information.
Cities and Towns Transit Dispatch	YCAT Transit Passes	authorization response	Planned	Notification of status of authorization request.
Cities and Towns Transit Dispatch	YCAT Transit Passes	fare management information	Planned	Transit fare information and transaction data used to manage transit fare processing.
Cities and Towns Transit Dispatch	YCAT Website	demand responsive transit plan	Planned	Plan regarding overall demand responsive transit schedules and deployment.
Cities and Towns Transit Dispatch	YCAT Website	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Cities and Towns Transit Dispatch	YCAT Website	transit and fare schedules	Existing	Transit service information including routes, schedules, and fare information. This also includes on-demand service information.
Cities and Towns Transit Dispatch	YCAT Website	transit fare information	Planned	Information provided by transit management that supports fare payment transactions.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns Transit Dispatch	YCAT Website	transit schedule adherence information	Existing	Dynamic transit schedule adherence and transit vehicle location information.
Cities and Towns Transit Dispatch	YCAT Website	transit trip plan	Planned	An origin-destination transit trip that may involve multiple modes and connections.
Cities and Towns Transit Dispatch	Yuma County Area Transit (YCAT)	transit fare coordination	Planned	Fare and pricing information shared between local/regional transit organizations.
Cities and Towns Transit Dispatch	Yuma County Area Transit (YCAT)	transit service coordination	Existing	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
Cities and Towns Transit Dispatch	Yuma County Area Transit (YCAT)	transit traveler information coordination	Planned	Transit schedules, real-time arrival information, fare schedules, and general transit service information shared between transit organizations to support transit traveler information systems.
Cities and Towns Transit Vehicles	Cities and Towns ITS Field Equipment	local signal priority request	Planned	Request from a vehicle to a signalized intersection for priority at that intersection. This flow also allows the vehicle to cancel a priority request (for example, when the vehicle clears the intersection).
Cities and Towns Transit Vehicles	Cities and Towns Transit Dispatch	alarm notification	Existing	Notification of activation of an audible or silent alarm by a traveler in a public area or by a transit vehicle operator using an on-board device.
Cities and Towns Transit Vehicles	Cities and Towns Transit Dispatch	authorization request	Planned	Request to determine if a transportation user is authorized to use a particular transportation resource.
Cities and Towns Transit Vehicles	Cities and Towns Transit Dispatch	demand response passenger and use data	Planned	Data collected on board a demand response vehicle relating to the picking up and discharging of passengers.
Cities and Towns Transit Vehicles	Cities and Towns Transit Dispatch	fare collection data	Existing	Fare collection information including the summary of fare system data and financial payment transaction data.
Cities and Towns Transit Vehicles	Cities and Towns Transit Dispatch	transit vehicle conditions	Existing	Operating conditions of transit vehicle (e.g., engine running, oil pressure, fuel level and usage). It includes status of other on-board systems including user displays, passenger counters, and security systems. This overall status information is also collected from unused (out of service) vehicles.
Cities and Towns Transit Vehicles	Cities and Towns Transit Dispatch	transit vehicle loading data	Planned	Data collected on board the transit vehicle relating to passenger boarding and alighting.
Cities and Towns Transit Vehicles	Cities and Towns Transit Dispatch	transit vehicle location data	Existing	Current transit vehicle location and related operational conditions data provided by a transit vehicle.
Cities and Towns Transit Vehicles	Cities and Towns Transit Dispatch	transit vehicle operator authentication information	Existing	Information regarding on-board transit operator authentication
Cities and Towns Transit Vehicles	Cities and Towns Transit Dispatch	transit vehicle schedule performance	Existing	Estimated times of arrival and anticipated schedule deviations reported by a transit vehicle.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns Transit Vehicles	County ITS Field Equipment	local signal priority request	Planned	Request from a vehicle to a signalized intersection for priority at that intersection. This flow also allows the vehicle to cancel a priority request (for example, when the vehicle clears the intersection).
Cities and Towns Transit Vehicles	Payment Administration Center	authorization request	Planned	Request to determine if a transportation user is authorized to use a particular transportation resource.
Cities and Towns Transit Vehicles	Personal Information Devices for Travelers	transit vehicle information	Planned	Information about the transit vehicle route and stops, including current location along the route and next stop.
Cities and Towns Transit Vehicles	Traveler Card-Smartcard	payment device update	Planned	Information updated concerning traveler's personal data including name, address, user account information, trip records, and profile data.
Cities and Towns Transit Vehicles	Traveler Card-Smartcard	request for payment	Planned	Request to deduct cost of service from user's payment account.
Cities and Towns Transit Vehicles	Travelers	traveler interface updates	Planned	Visual or audio information (e.g., routes, messages, guidance, emergency information) that is provided to the traveler.
Cities and Towns Transit Vehicles	YCAT Transit Passes	payment device update	Planned	Information updated concerning traveler's personal data including name, address, user account information, trip records, and profile data.
Cities and Towns Transit Vehicles	YCAT Transit Passes	request for payment	Planned	Request to deduct cost of service from user's payment account.
Cities and Towns Weather Flood Alerts	Cities and Towns Data Archive	roadside archive data	Planned	A broad set of data derived from roadside sensors that includes current traffic conditions, environmental conditions, and any other data that can be directly collected by roadside sensors. This data also indicates the status of the sensors and reports of any identified sensor faults.
Cities and Towns Weather Flood Alerts	Cities and Towns ITS Field Equipment	barrier system coordination	Planned	The direct flow of information between field equipment. This includes information used to configure and control barrier systems that are represented by gates, barriers and other automated or remotely controlled systems used to manage entry to roadways. Current operating status of barrier systems is also shared including operating condition and current operational state.
Cities and Towns Weather Flood Alerts	Cities and Towns ITS Field Equipment	dynamic sign coordination	Planned	The direct flow of information between field equipment. This includes information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support local management of these devices. Current operating status of dynamic message signs is returned.
Cities and Towns Weather Flood Alerts	Cities and Towns ITS Field Equipment	environmental sensor coordination	Planned	The direct flow of information between field equipment. This includes configuration and control of environmental sensors and the current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns Weather Flood Alerts	Cities and Towns ITS Field Equipment	lane management coordination	Planned	The direct flow of information between field equipment. This includes information used to configure and control dynamic lane management systems and the status of managed lanes including current operational state, violations, and logged information. This also includes lane usage information including both traditional traffic flow measures and special information associated with managed lanes such as measured passenger occupancies. It also includes the operational status of the lane management equipment.
Cities and Towns Weather Flood Alerts	Cities and Towns ITS Field Equipment	local priority request coordination	Planned	The direct flow of information between field equipment. This includes notification of crossing calls from pedestrians and other vulnerable road users and requests for signal prioritization or preemption, and any other request for right-of-way at an intersection. The status of the priority request is also shared. For vulnerable road users, this includes information provided to guide and warn vulnerable road users at crossings including crossing permission status and crossing time remaining.
Cities and Towns Weather Flood Alerts	Cities and Towns ITS Field Equipment	passive vehicle monitoring coordination	Planned	The direct flow of information between field equipment. This includes control commands used to control detection systems that rely on infrastructure-based identification of individual vehicles to measure travel times and other related measures by identifying the same vehicle at different points in the network. Related technologies include Bluetooth readers and license plate recognition systems. The coordination also includes sharing of time stamped identifiers that identify the vehicles that have passed through a detection zone.
Cities and Towns Weather Flood Alerts	Cities and Towns ITS Field Equipment	rail crossing operational status	Planned	Status of the highway-rail grade crossing equipment including both the current state or mode of operation and the current equipment condition.
Cities and Towns Weather Flood Alerts	Cities and Towns ITS Field Equipment	reversible lane coordination	Planned	The direct flow of information between field equipment. This includes control of automated reversible lane configuration and driver information systems and current reversible lane status including the operational status and mode of the reversible lane control equipment.
Cities and Towns Weather Flood Alerts	Cities and Towns ITS Field Equipment	roadway treatment coordination	Planned	The direct flow of information between field equipment. This includes control data for remotely located, automated devices, that treat the road surface (e.g., de-icing applications) and the current operational status of automated roadway treatment devices.
Cities and Towns Weather Flood Alerts	Cities and Towns ITS Field Equipment	roadway warning coordination	Planned	The direct flow of information between field equipment. This includes information used to configure and control roadway warning systems and the current operating status of roadway warning systems.
Cities and Towns Weather Flood Alerts	Cities and Towns ITS Field Equipment	signal control coordination	Planned	The direct flow of information between field equipment. This includes configuration and control of traffic signal controllers or field masters. Configuration data and operational status of traffic signal control equipment including operating condition and current indications are returned.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns Weather Flood Alerts	Cities and Towns ITS Field Equipment	traffic detector coordination	Planned	The direct flow of information between field equipment. This includes information used to configure and control traffic detector systems such as inductive loop detectors and machine vision sensors. Raw and/or processed traffic detector data is returned that allows derivation of traffic flow variables (e.g., speed, volume, and density measures) and associated information (e.g., congestion, potential incidents). This flow includes the traffic data and the operational status of the traffic detectors.
Cities and Towns Weather Flood Alerts	Cities and Towns ITS Field Equipment	traffic metering coordination	Planned	The direct flow of information between field equipment. This includes control commands and operating parameters for ramp meters, interchange meters, mainline meters, and other systems equipment associated with roadway metering operations. Current operational status of the traffic metering status is also provided.
Cities and Towns Weather Flood Alerts	Cities and Towns ITS Field Equipment	variable speed limit coordination	Planned	The direct flow of information between field equipment. This includes information used to configure, control, and monitor variable speed limit systems including the equipment used to provide current speed limits and other information to drivers.
Cities and Towns Weather Flood Alerts	Cities and Towns ITS Field Equipment	video surveillance coordination	Planned	The direct flow of information between field equipment. This includes information used to configure and control video surveillance systems and the high fidelity, real-time traffic images and associated meta data that are returned.
Cities and Towns Weather Flood Alerts	Cities and Towns MCO Dispatch	environmental sensor data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
Cities and Towns Weather Flood Alerts	Cities and Towns MCO Dispatch	field equipment status	Planned	Reports from field equipment (sensors, signals, signs, controllers, etc.) which indicate current operational status.
Cities and Towns Weather Flood Alerts	Cities and Towns Public Works	environmental sensor data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
Cities and Towns Weather Flood Alerts	Cities and Towns TMC-TOC	environmental sensor data	Existing	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
Cities and Towns Weather Flood Alerts	Cities and Towns TMC-TOC	passive vehicle monitoring data	Planned	Time stamped identifiers that identify the vehicles that have passed through a detection zone.
Cities and Towns Weather Flood Alerts	Cities and Towns TMC-TOC	rail crossing status	Planned	Status of the highway-rail intersection equipment including both the current state or mode of operation and the current equipment condition.
Cities and Towns Weather Flood Alerts	Cities and Towns TMC-TOC	right-of-way request notification	Planned	Notice that a request has occurred for signal prioritization, signal preemption, pedestrian call, multi-modal crossing activation, or other source for right-of-way.
Cities and Towns Weather Flood Alerts	Cities and Towns TMC-TOC	roadway dynamic signage status	Planned	Current operating status of dynamic message signs.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Cities and Towns Weather Flood Alerts	Cities and Towns TMC-TOC	signal control status	Planned	Operational and status data of traffic signal control equipment including operating condition and current indications.
Cities and Towns Weather Flood Alerts	Cities and Towns TMC-TOC	signal fault data	Planned	Faults reported by traffic signal control equipment.
Cities and Towns Weather Flood Alerts	Cities and Towns TMC-TOC	traffic detector data	Planned	Raw and/or processed traffic detector data which allows derivation of traffic flow variables (e.g., speed, volume, and density measures) and associated information (e.g., congestion, potential incidents). This flow includes the traffic data and the operational status of the traffic detectors
Cities and Towns Weather Flood Alerts	Cities and Towns TMC-TOC	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
Cities and Towns Weather Flood Alerts	NOAA _National Weather Service	environmental sensor data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
Commercial Vehicle Driver and Vehicle Verification Systems	ADOT ECD CVO Administration Center	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
Commercial Vehicle Driver and Vehicle Verification Systems	ADOT ECD CVO Administration Center	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	ADOT ECD CVO Administration Center	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	ADOT ECD CVO Administration Center	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	ADOT ECD Dispatch	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Commercial Vehicle Driver and Vehicle Verification Systems	ADOT Electronic Bypass Stations	carrier participation report	Planned	Report that summarizes motor carrier participation in CVO programs. Used to identify the level of active participation and to report which enrolled carriers are not participating as expected.
Commercial Vehicle Driver and Vehicle Verification Systems	ADOT Electronic Bypass Stations	commercial vehicle permit information	Existing	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	ADOT Electronic Bypass Stations	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	ADOT Electronic Bypass Stations	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	ADOT Electronic Bypass Stations	cv driver record	Existing	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	ADOT Electronic Bypass Stations	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	ADOT Electronic Bypass Stations	targeted list	Existing	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.
Commercial Vehicle Driver and Vehicle Verification Systems	ADOT Motor Vehicle Division (MVD) Database	archive coordination	Existing	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
Commercial Vehicle Driver and Vehicle Verification Systems	ADOT Motor Vehicle Division (MVD) Database	commercial vehicle archive data	Planned	Information describing commercial vehicle travel and commodity flow characteristics. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
Commercial Vehicle Driver and Vehicle Verification Systems	ADOT MVD Commercial Vehicle Administration	accident report	Planned	Report of commercial vehicle safety accident. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Commercial Vehicle Driver and Vehicle Verification Systems	ADOT MVD Commercial Vehicle Administration	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
Commercial Vehicle Driver and Vehicle Verification Systems	ADOT MVD Commercial Vehicle Administration	border clearance status	Existing	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.
Commercial Vehicle Driver and Vehicle Verification Systems	ADOT MVD Commercial Vehicle Administration	citation	Planned	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	ADOT MVD Commercial Vehicle Administration	commercial vehicle permit information	Planned	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	ADOT MVD Commercial Vehicle Administration	credential fee coordination	Planned	Description of fees, taxes and similar charges related to commercial vehicle credentials. In US and Canada, this includes rates for credentials that are exchanged between agencies via IRP, IFTA, etc.
Commercial Vehicle Driver and Vehicle Verification Systems	ADOT MVD Commercial Vehicle Administration	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	ADOT MVD Commercial Vehicle Administration	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	ADOT MVD Commercial Vehicle Administration	cv driver record	Planned	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	ADOT MVD Commercial Vehicle Administration	route restrictions	Planned	Information about routes, road segments, and areas that do not allow the transport of security sensitive hazmat cargoes or include other restrictions (such as height or weight limits).
Commercial Vehicle Driver and Vehicle Verification Systems	ADOT MVD Commercial Vehicle Administration	safety inspection report	Existing	Report containing results of commercial vehicle safety inspection. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Commercial Vehicle Driver and Vehicle Verification Systems	ADOT MVD Commercial Vehicle Administration	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	Commercial Vehicles	safety inspection record	Planned	Record containing results of commercial vehicle safety inspection.
Commercial Vehicle Driver and Vehicle Verification Systems	DPS Central Communications Center	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
Commercial Vehicle Driver and Vehicle Verification Systems	DPS Commercial Vehicle Enforcement	accident report	Planned	Report of commercial vehicle safety accident. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	DPS Commercial Vehicle Enforcement	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
Commercial Vehicle Driver and Vehicle Verification Systems	DPS Commercial Vehicle Enforcement	border clearance status	Existing	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.
Commercial Vehicle Driver and Vehicle Verification Systems	DPS Commercial Vehicle Enforcement	carrier participation report	Planned	Report that summarizes motor carrier participation in CVO programs. Used to identify the level of active participation and to report which enrolled carriers are not participating as expected.
Commercial Vehicle Driver and Vehicle Verification Systems	DPS Commercial Vehicle Enforcement	citation	Existing	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	DPS Commercial Vehicle Enforcement	commercial vehicle permit information	Planned	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	DPS Commercial Vehicle Enforcement	commercial vehicle violation notification	Existing	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Commercial Vehicle Driver and Vehicle Verification Systems	DPS Commercial Vehicle Enforcement	credential fee coordination	Planned	Description of fees, taxes and similar charges related to commercial vehicle credentials. In US and Canada, this includes rates for credentials that are exchanged between agencies via IRP, IFTA, etc.
Commercial Vehicle Driver and Vehicle Verification Systems	DPS Commercial Vehicle Enforcement	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	DPS Commercial Vehicle Enforcement	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	DPS Commercial Vehicle Enforcement	cv driver record	Planned	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	DPS Commercial Vehicle Enforcement	route restrictions	Planned	Information about routes, road segments, and areas that do not allow the transport of security sensitive hazmat cargoes or include other restrictions (such as height or weight limits).
Commercial Vehicle Driver and Vehicle Verification Systems	DPS Commercial Vehicle Enforcement	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	DPS Roadside Safety Inspection	accident report	Existing	Report of commercial vehicle safety accident. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	DPS Roadside Safety Inspection	carrier participation report	Planned	Report that summarizes motor carrier participation in CVO programs. Used to identify the level of active participation and to report which enrolled carriers are not participating as expected.
Commercial Vehicle Driver and Vehicle Verification Systems	DPS Roadside Safety Inspection	citation	Existing	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	DPS Roadside Safety Inspection	commercial vehicle permit information	Existing	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Commercial Vehicle Driver and Vehicle Verification Systems	DPS Roadside Safety Inspection	commercial vehicle violation notification	Existing	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.
Commercial Vehicle Driver and Vehicle Verification Systems	DPS Roadside Safety Inspection	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	DPS Roadside Safety Inspection	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	DPS Roadside Safety Inspection	cv driver record	Existing	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	DPS Roadside Safety Inspection	daily site activity data	Existing	Record of daily activities at commercial vehicle check stations including summaries of screening events and inspections.
Commercial Vehicle Driver and Vehicle Verification Systems	DPS Roadside Safety Inspection	safety inspection report	Existing	Report containing results of commercial vehicle safety inspection. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	DPS Roadside Safety Inspection	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	DPS Roadside Safety Inspection	targeted list	Existing	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.
Commercial Vehicle Driver and Vehicle Verification Systems	Financial Institution	payment request	Planned	Request for payment from financial institution or related financial service requests (e.g., balance inquiry)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Commercial Vehicle Driver and Vehicle Verification Systems	Fleet Management Systems	border clearance status	Existing	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.
Commercial Vehicle Driver and Vehicle Verification Systems	Fleet Management Systems	citation	Existing	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	Fleet Management Systems	commercial vehicle permit	Planned	Commercial vehicle permits including those for oversize, overweight, or hazmat shipments.
Commercial Vehicle Driver and Vehicle Verification Systems	Fleet Management Systems	compliance review report	Planned	Report containing results of carrier compliance review, including concomitant out-of-service notifications, carrier warnings/notifications. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	Fleet Management Systems	credentials information	Planned	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	Fleet Management Systems	credentials status information	Planned	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	Fleet Management Systems	cv driver record	Planned	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	Fleet Management Systems	route restrictions	Planned	Information about routes, road segments, and areas that do not allow the transport of security sensitive hazmat cargoes or include other restrictions (such as height or weight limits).
Commercial Vehicle Driver and Vehicle Verification Systems	Fleet Management Systems	safety status information	Planned	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Commercial Vehicle Driver and Vehicle Verification Systems	Fleet Management Systems	trigger area	Planned	A geographic area a commercial motor vehicle crosses into, which initiates a request to compile and transmit a safety data message. May be associated with a time period.
Commercial Vehicle Driver and Vehicle Verification Systems	Fleet Management Systems	trigger area notification	Planned	Notification to activate wireless roadside inspection safety data message collection.
Commercial Vehicle Driver and Vehicle Verification Systems	Freight Shipping System	border clearance status	Existing	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.
Commercial Vehicle Driver and Vehicle Verification Systems	International Fuel Tax Agreement (IFTA) Clearinghouse	accident report	Planned	Report of commercial vehicle safety accident. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	International Fuel Tax Agreement (IFTA) Clearinghouse	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
Commercial Vehicle Driver and Vehicle Verification Systems	International Fuel Tax Agreement (IFTA) Clearinghouse	border clearance status	Existing	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.
Commercial Vehicle Driver and Vehicle Verification Systems	International Fuel Tax Agreement (IFTA) Clearinghouse	citation	Planned	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	International Fuel Tax Agreement (IFTA) Clearinghouse	commercial vehicle permit information	Planned	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	International Fuel Tax Agreement (IFTA) Clearinghouse	credential fee coordination	Planned	Description of fees, taxes and similar charges related to commercial vehicle credentials. In US and Canada, this includes rates for credentials that are exchanged between agencies via IRP, IFTA, etc.
Commercial Vehicle Driver and Vehicle Verification Systems	International Fuel Tax Agreement (IFTA) Clearinghouse	credentials information	Planned	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	International Fuel Tax Agreement (IFTA) Clearinghouse	credentials status information	Planned	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Commercial Vehicle Driver and Vehicle Verification Systems	International Fuel Tax Agreement (IFTA) Clearinghouse	cv driver record	Planned	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	International Fuel Tax Agreement (IFTA) Clearinghouse	route restrictions	Planned	Information about routes, road segments, and areas that do not allow the transport of security sensitive hazmat cargoes or include other restrictions (such as height or weight limits).
Commercial Vehicle Driver and Vehicle Verification Systems	International Fuel Tax Agreement (IFTA) Clearinghouse	safety status information	Planned	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	International Registration Plan (IRP) Clearinghouse	accident report	Planned	Report of commercial vehicle safety accident. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	International Registration Plan (IRP) Clearinghouse	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
Commercial Vehicle Driver and Vehicle Verification Systems	International Registration Plan (IRP) Clearinghouse	border clearance status	Existing	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.
Commercial Vehicle Driver and Vehicle Verification Systems	International Registration Plan (IRP) Clearinghouse	citation	Planned	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	International Registration Plan (IRP) Clearinghouse	commercial vehicle permit information	Planned	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	International Registration Plan (IRP) Clearinghouse	credential fee coordination	Planned	Description of fees, taxes and similar charges related to commercial vehicle credentials. In US and Canada, this includes rates for credentials that are exchanged between agencies via IRP, IFTA, etc.
Commercial Vehicle Driver and Vehicle Verification Systems	International Registration Plan (IRP) Clearinghouse	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Commercial Vehicle Driver and Vehicle Verification Systems	International Registration Plan (IRP) Clearinghouse	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	International Registration Plan (IRP) Clearinghouse	cv driver record	Planned	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	International Registration Plan (IRP) Clearinghouse	route restrictions	Planned	Information about routes, road segments, and areas that do not allow the transport of security sensitive hazmat cargoes or include other restrictions (such as height or weight limits).
Commercial Vehicle Driver and Vehicle Verification Systems	International Registration Plan (IRP) Clearinghouse	safety inspection report	Existing	Report containing results of commercial vehicle safety inspection. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	International Registration Plan (IRP) Clearinghouse	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	POE Administration Center	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
Commercial Vehicle Driver and Vehicle Verification Systems	POE Administration Center	border clearance status	Existing	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.
Commercial Vehicle Driver and Vehicle Verification Systems	POE Administration Center	client verification information	Existing	Information about carriers who have made border credential applications such as commercial drivers license information and carrier safety status.
Commercial Vehicle Driver and Vehicle Verification Systems	POE Administration Center	screening results	Existing	Results of commercial vehicle screening event at a border crossing - reports clearance event data regarding action taken at border, including acceptance or override of system decision, and date/time stamp.
Commercial Vehicle Driver and Vehicle Verification Systems	POE Data Archive	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Commercial Vehicle Driver and Vehicle Verification Systems	POE Data Archive	commercial vehicle archive data	Existing	Information describing commercial vehicle travel and commodity flow characteristics. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
Commercial Vehicle Driver and Vehicle Verification Systems	POE Data User and ISP Systems	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
Commercial Vehicle Driver and Vehicle Verification Systems	POE Roadway Inspection Systems	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
Commercial Vehicle Driver and Vehicle Verification Systems	Safety Fitness Electronic Record (SAFER)	accident report	Existing	Report of commercial vehicle safety accident. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	Safety Fitness Electronic Record (SAFER)	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
Commercial Vehicle Driver and Vehicle Verification Systems	Safety Fitness Electronic Record (SAFER)	border clearance status	Existing	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.
Commercial Vehicle Driver and Vehicle Verification Systems	Safety Fitness Electronic Record (SAFER)	citation	Existing	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	Safety Fitness Electronic Record (SAFER)	commercial vehicle permit information	Existing	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	Safety Fitness Electronic Record (SAFER)	commercial vehicle violation notification	Existing	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.
Commercial Vehicle Driver and Vehicle Verification Systems	Safety Fitness Electronic Record (SAFER)	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Commercial Vehicle Driver and Vehicle Verification Systems	Safety Fitness Electronic Record (SAFER)	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	Safety Fitness Electronic Record (SAFER)	daily site activity data	Existing	Record of daily activities at commercial vehicle check stations including summaries of screening events and inspections.
Commercial Vehicle Driver and Vehicle Verification Systems	Safety Fitness Electronic Record (SAFER)	safety inspection report	Existing	Report containing results of commercial vehicle safety inspection. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	Safety Fitness Electronic Record (SAFER)	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
Commercial Vehicle Driver and Vehicle Verification Systems	US Border Patrol Dispatch	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
Commercial Vehicle Driver and Vehicle Verification Systems	Wide Area Alerting Systems	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
Commercial Vehicle Enforcement Partnership System	ADOT ECD CVO Administration Center	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Commercial Vehicle Enforcement Partnership System	ADOT ECD CVO Administration Center	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Commercial Vehicles	ADOT CV Roadside Equipment	local signal priority request	Planned	Request from a vehicle to a signalized intersection for priority at that intersection. This flow also allows the vehicle to cancel a priority request (for example, when the vehicle clears the intersection).

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Commercial Vehicles	ADOT CV Roadside Equipment	vehicle location and motion	Planned	Data describing the vehicle's location in three dimensions, heading, speed, acceleration, braking status, and size.
Commercial Vehicles	ADOT ECD CVO Administration Center	driver log	Planned	A daily log showing hours in service for the current driver. The query flow is not explicitly shown.
Commercial Vehicles	ADOT ECD CVO Administration Center	on-board safety data	Planned	Safety data measured by on-board sensors. Includes information about the vehicle, vehicle components, cargo, and driver. The query flow is not explicitly shown.
Commercial Vehicles	ADOT ECD CVO Administration Center	unique identifiers	Planned	Unique identifiers for the motor carrier, driver, and vehicle. This flow identifies the driver actually operating the vehicle in multi-driver scenarios.
Commercial Vehicles	ADOT Electronic Bypass Stations	tag data	Planned	Unique tag ID and related vehicle information.
Commercial Vehicles	ADOT MVD Commercial Vehicle Administration	driver log	Planned	A daily log showing hours in service for the current driver. The query flow is not explicitly shown.
Commercial Vehicles	ADOT MVD Commercial Vehicle Administration	on-board safety data	Planned	Safety data measured by on-board sensors. Includes information about the vehicle, vehicle components, cargo, and driver. The query flow is not explicitly shown.
Commercial Vehicles	ADOT MVD Commercial Vehicle Administration	unique identifiers	Planned	Unique identifiers for the motor carrier, driver, and vehicle. This flow identifies the driver actually operating the vehicle in multi-driver scenarios.
Commercial Vehicles	ADOT TOC and EMC	hazmat notification	Planned	Information provided to emergency response organizations regarding a hazmat load including when cargo sensors detect an issue with the load such as a release of hazardous material. This information will include sensor information, vehicle identification, and carrier identification.
Commercial Vehicles	ADOT WIM Stations	tag data	Planned	Unique tag ID and related vehicle information.
Commercial Vehicles	Commercial Vehicle Driver and Vehicle Verification Systems	driver log	Planned	A daily log showing hours in service for the current driver. The query flow is not explicitly shown.
Commercial Vehicles	Commercial Vehicle Driver and Vehicle Verification Systems	on-board safety data	Planned	Safety data measured by on-board sensors. Includes information about the vehicle, vehicle components, cargo, and driver. The query flow is not explicitly shown.
Commercial Vehicles	Commercial Vehicle Driver and Vehicle Verification Systems	unique identifiers	Planned	Unique identifiers for the motor carrier, driver, and vehicle. This flow identifies the driver actually operating the vehicle in multi-driver scenarios.
Commercial Vehicles	DPS Commercial Vehicle Enforcement	driver log	Existing	A daily log showing hours in service for the current driver. The query flow is not explicitly shown.
Commercial Vehicles	DPS Commercial Vehicle Enforcement	on-board safety data	Existing	Safety data measured by on-board sensors. Includes information about the vehicle, vehicle components, cargo, and driver. The query flow is not explicitly shown.
Commercial Vehicles	DPS Commercial Vehicle Enforcement	unique identifiers	Existing	Unique identifiers for the motor carrier, driver, and vehicle. This flow identifies the driver actually operating the vehicle in multi-driver scenarios.
Commercial Vehicles	DPS Roadside Safety Inspection	tag data	Planned	Unique tag ID and related vehicle information.
Commercial Vehicles	Fleet Management Systems	driver log	Existing	A daily log showing hours in service for the current driver. The query flow is not explicitly shown.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Commercial Vehicles	Fleet Management Systems	driver to fleet request	Existing	Requests from the driver and vehicle for routing, payment, and enrollment information.
Commercial Vehicles	Fleet Management Systems	freight equipment information	Existing	Container, trailer, or chassis information regarding identity, type, location, brake wear data, mileage, seal #, seal type, door open/close status, chassis bare/covered status, tethered / untethered status, temperature, humidity, power, battery levels, brake wear data, and bill of lading/information regarding the cargo/content.
Commercial Vehicles	Fleet Management Systems	on-board safety data	Existing	Safety data measured by on-board sensors. Includes information about the vehicle, vehicle components, cargo, and driver. The query flow is not explicitly shown.
Commercial Vehicles	Fleet Management Systems	on-board vehicle data	Planned	Information about the commercial vehicle stored on-board (for maintenance purposes, gate access, cargo status, lock status, etc.). The request flow is not explicitly shown.
Commercial Vehicles	Fleet Management Systems	trip log	Planned	Driver's daily log, vehicle location, mileage, and trip activity (includes screening, inspection and border clearance event data as well as fare payments). The request flow is not explicitly shown.
Commercial Vehicles	International Fuel Tax Agreement (IFTA) Clearinghouse	driver log	Planned	A daily log showing hours in service for the current driver. The query flow is not explicitly shown.
Commercial Vehicles	International Fuel Tax Agreement (IFTA) Clearinghouse	on-board safety data	Planned	Safety data measured by on-board sensors. Includes information about the vehicle, vehicle components, cargo, and driver. The query flow is not explicitly shown.
Commercial Vehicles	International Fuel Tax Agreement (IFTA) Clearinghouse	unique identifiers	Planned	Unique identifiers for the motor carrier, driver, and vehicle. This flow identifies the driver actually operating the vehicle in multi-driver scenarios.
Commercial Vehicles	International Registration Plan (IRP) Clearinghouse	driver log	Planned	A daily log showing hours in service for the current driver. The query flow is not explicitly shown.
Commercial Vehicles	International Registration Plan (IRP) Clearinghouse	on-board safety data	Planned	Safety data measured by on-board sensors. Includes information about the vehicle, vehicle components, cargo, and driver. The query flow is not explicitly shown.
Commercial Vehicles	International Registration Plan (IRP) Clearinghouse	unique identifiers	Planned	Unique identifiers for the motor carrier, driver, and vehicle. This flow identifies the driver actually operating the vehicle in multi-driver scenarios.
Commercial Vehicles	POE Roadway Inspection Systems	tag data	Existing	Unique tag ID and related vehicle information.
Commercial Vehicles	Safety Fitness Electronic Record (SAFER)	driver log	Planned	A daily log showing hours in service for the current driver. The query flow is not explicitly shown.
Commercial Vehicles	Safety Fitness Electronic Record (SAFER)	on-board safety data	Planned	Safety data measured by on-board sensors. Includes information about the vehicle, vehicle components, cargo, and driver. The query flow is not explicitly shown.
Commercial Vehicles	Safety Fitness Electronic Record (SAFER)	unique identifiers	Planned	Unique identifiers for the motor carrier, driver, and vehicle. This flow identifies the driver actually operating the vehicle in multi-driver scenarios.
County 911 PSAPs	ADOT TOC and EMC	incident notification	Existing	The notification of an incident including its nature, severity, and location.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County 911 PSAPs	Cities and Towns Police and Fire Dispatch	incident notification	Planned	The notification of an incident including its nature, severity, and location.
County 911 PSAPs	County EMC-EOC	incident notification	Planned	The notification of an incident including its nature, severity, and location.
County 911 PSAPs	County Sheriff Dispatch	incident notification	Planned	The notification of an incident including its nature, severity, and location.
County 911 PSAPs	DPS Central Communications Center	incident notification	Existing	The notification of an incident including its nature, severity, and location.
County 911 PSAPs	Maricopa County EOC	incident notification	Planned	The notification of an incident including its nature, severity, and location.
County 911 PSAPs	Tribal Public Safety Dispatch	incident notification	Existing	The notification of an incident including its nature, severity, and location.
County Data Archive	ADOT AZ Crash Information System (ACIS)	archive analysis results	Planned	Processed information products, supporting meta data, and any associated transaction information resulting from data mining, analytical processing, aggregation or summarization, report formulation, or other on-line processing and analysis of archived data.
County Data Archive	ADOT AZ Crash Information System (ACIS)	archive request confirmation	Planned	Confirmation that an archive request has been received and processed with information on the disposition of the request.
County Data Archive	ADOT AZ Crash Information System (ACIS)	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
County Data Archive	ADOT HPMS Data Archive	archive coordination	Existing	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
County Data Archive	ADOT HPMS Data Archive	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
County Data Archive	ADOT HPMS Data User System	archived data products	Existing	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
County Data Archive	Archive Data Users	archived data products	Existing	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
County Data Archive	Cities and Towns Data Archive	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
County Data Archive	County Data User Systems	archived data products	Existing	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
County Data Archive	County EMC-EOC	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
County Data Archive	County Flood Warning System	data collection and monitoring control	Existing	Information used to configure and control data collection and monitoring systems.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County Data Archive	County ITS Field Equipment	data collection and monitoring control	Existing	Information used to configure and control data collection and monitoring systems.
County Data Archive	County Public Works	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
County Data Archive	County Sheriff Dispatch	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
County Data Archive	County TMC-TOC	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
County Data Archive	MPO-COG Data User Systems	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
County Data User Systems	ADOT HPMS Data Archive	archived data product requests	Existing	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
County Data User Systems	Cities and Towns Data Archive	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
County Data User Systems	County Data Archive	archived data product requests	Existing	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
County Data User Systems	MPO-COG Planning Traffic Database	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
County Data User Systems	State Universities Data Archives	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
County EMC-EOC	ADOT DEOC-Dept EM Ops Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
County EMC-EOC	ADOT DEOC-Dept EM Ops Center	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County EMC-EOC	ADOT DEOC-Dept EM Ops Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
County EMC-EOC	ADOT DEOC-Dept EM Ops Center	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
County EMC-EOC	ADOT DEOC-Dept EM Ops Center	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
County EMC-EOC	ADOT DEOC-Dept EM Ops Center	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
County EMC-EOC	ADOT DEOC-Dept EM Ops Center	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
County EMC-EOC	ADOT DEOC-Dept EM Ops Center	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
County EMC-EOC	ADOT DEOC-Dept EM Ops Center	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
County EMC-EOC	ADOT DEOC-Dept EM Ops Center	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
County EMC-EOC	ADOT DEOC-Dept EM Ops Center	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County EMC-EOC	ADOT DEOC-Dept EM Ops Center	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
County EMC-EOC	ADOT DEOC-Dept EM Ops Center	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
County EMC-EOC	ADOT DEOC-Dept EM Ops Center	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
County EMC-EOC	ADOT DEOC-Dept EM Ops Center	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
County EMC-EOC	ADOT DEOC-Dept EM Ops Center	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
County EMC-EOC	ADOT TOC and EMC	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
County EMC-EOC	ADOT TOC and EMC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
County EMC-EOC	ADOT TOC and EMC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
County EMC-EOC	ADOT TOC and EMC	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County EMC-EOC	ADOT TOC and EMC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
County EMC-EOC	ADOT TOC and EMC	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
County EMC-EOC	ADOT TOC and EMC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
County EMC-EOC	ADOT TOC and EMC	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
County EMC-EOC	ADOT TOC and EMC	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
County EMC-EOC	ADOT TOC and EMC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
County EMC-EOC	ADOT TOC and EMC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
County EMC-EOC	ADOT TOC and EMC	remote surveillance control	Planned	The control commands used to remotely operate another center's sensors or surveillance equipment so that roadside surveillance assets can be shared by more than one agency.
County EMC-EOC	ADOT TOC and EMC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
County EMC-EOC	ADOT TOC and EMC	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County EMC-EOC	ADOT TOC and EMC	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
County EMC-EOC	ADOT TOC and EMC	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
County EMC-EOC	ADOT TOC and EMC	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
County EMC-EOC	ADOT TOC and EMC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
County EMC-EOC	Cities and Towns Police and Fire Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
County EMC-EOC	Cities and Towns Police and Fire Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
County EMC-EOC	Cities and Towns Police and Fire Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
County EMC-EOC	Cities and Towns Police and Fire Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
County EMC-EOC	Cities and Towns Police and Fire Dispatch	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
County EMC-EOC	Cities and Towns Police and Fire Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County EMC-EOC	Cities and Towns Police and Fire Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
County EMC-EOC	Cities and Towns Police and Fire Dispatch	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
County EMC-EOC	Cities and Towns Police and Fire Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
County EMC-EOC	County 911 PSAPs	incident information for public	Existing	Report of current desensitized incident information prepared for public dissemination.
County EMC-EOC	County 911 PSAPs	incident notification response	Planned	Interactive acknowledgement and verification of the incident information received, requests for additional information, and general information on incident response status.
County EMC-EOC	County Data Archive	emergency archive data	Existing	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
County EMC-EOC	County Public Works	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
County EMC-EOC	County Public Works	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
County EMC-EOC	County Public Works	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
County EMC-EOC	County Public Works	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County EMC-EOC	County Public Works	maint and constr resource request	Existing	Request for road maintenance and construction resources that can be used in the diversion of traffic (cones, portable signs), clearance of a road hazard, repair of ancillary damage, or any other incident response. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of resources.
County EMC-EOC	County Public Works	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
County EMC-EOC	County Sheriff Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
County EMC-EOC	County Sheriff Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
County EMC-EOC	County Sheriff Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
County EMC-EOC	County Sheriff Dispatch	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
County EMC-EOC	County Sheriff Dispatch	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
County EMC-EOC	County Sheriff Dispatch	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
County EMC-EOC	County Sheriff Dispatch	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
County EMC-EOC	County Sheriff Dispatch	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County EMC-EOC	County Sheriff Dispatch	transportation system status	Existing	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
County EMC-EOC	County TMC-TOC	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
County EMC-EOC	County TMC-TOC	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
County EMC-EOC	County TMC-TOC	emergency traffic control request	Planned	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
County EMC-EOC	County TMC-TOC	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
County EMC-EOC	County TMC-TOC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
County EMC-EOC	County TMC-TOC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
County EMC-EOC	County TMC-TOC	remote surveillance control	Planned	The control commands used to remotely operate another center's sensors or surveillance equipment so that roadside surveillance assets can be shared by more than one agency.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County EMC-EOC	County TMC-TOC	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
County EMC-EOC	County TMC-TOC	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
County EMC-EOC	County TMC-TOC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
County EMC-EOC	County Website and NIXLE	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
County EMC-EOC	DEMA CRT - HazMat Response Team	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
County EMC-EOC	DEMA CRT - HazMat Response Team	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
County EMC-EOC	DEMA CRT - HazMat Response Team	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
County EMC-EOC	DEMA CRT - HazMat Response Team	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County EMC-EOC	DEMA CRT - HazMat Response Team	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
County EMC-EOC	DEMA CRT - HazMat Response Team	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
County EMC-EOC	DEMA CRT - HazMat Response Team	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
County EMC-EOC	DEMA CRT - HazMat Response Team	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
County EMC-EOC	DEMA Enforcement	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
County EMC-EOC	DEMA Enforcement	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
County EMC-EOC	DEMA Enforcement	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
County EMC-EOC	DEMA Enforcement	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
County EMC-EOC	DEMA Enforcement	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County EMC-EOC	DEMA Enforcement	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
County EMC-EOC	DEMA Enforcement	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
County EMC-EOC	DEMA Enforcement	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
County EMC-EOC	DEMA Enforcement	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
County EMC-EOC	DEMA SEOC Arizona DEM Military Affairs	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
County EMC-EOC	DEMA SEOC Arizona DEM Military Affairs	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
County EMC-EOC	DEMA SEOC Arizona DEM Military Affairs	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
County EMC-EOC	DEMA SEOC Arizona DEM Military Affairs	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
County EMC-EOC	DEMA SEOC Arizona DEM Military Affairs	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
County EMC-EOC	DEMA SEOC Arizona DEM Military Affairs	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.

Information Flows – Tabular Format (sorted by Source Element)

RAD-IT Table

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County EMC-EOC	DEMA SEOC Arizona DEM Military Affairs	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
County EMC-EOC	DEMA SEOC Arizona DEM Military Affairs	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
County EMC-EOC	DEMA SEOC Arizona DEM Military Affairs	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
County EMC-EOC	DEMA WebEOC System	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
County EMC-EOC	DEMA WebEOC System	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
County EMC-EOC	DEMA WebEOC System	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
County EMC-EOC	DEMA WebEOC System	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
County EMC-EOC	DEMA WebEOC System	incident information for public	Existing	Report of current desensitized incident information prepared for public dissemination.
County EMC-EOC	DEMA WebEOC System	incident notification response	Planned	Interactive acknowledgement and verification of the incident information received, requests for additional information, and general information on incident response status.
County EMC-EOC	DEMA WebEOC System	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
County EMC-EOC	DEMA WebEOC System	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County EMC-EOC	DEMA WebEOC System	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
County EMC-EOC	DEMA WebEOC System	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
County EMC-EOC	DEMA WebEOC System	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
County EMC-EOC	DPS Central Communications Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
County EMC-EOC	DPS Central Communications Center	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
County EMC-EOC	DPS Central Communications Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
County EMC-EOC	DPS Central Communications Center	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
County EMC-EOC	DPS Central Communications Center	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
County EMC-EOC	DPS Central Communications Center	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
County EMC-EOC	DPS Central Communications Center	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County EMC-EOC	DPS Central Communications Center	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
County EMC-EOC	DPS Central Communications Center	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
County EMC-EOC	DPS Central Communications Center	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
County EMC-EOC	DPS Central Communications Center	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
County EMC-EOC	DPS Central Communications Center	remote surveillance control	Planned	The control commands used to remotely operate another center's sensors or surveillance equipment so that roadside surveillance assets can be shared by more than one agency.
County EMC-EOC	DPS Central Communications Center	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
County EMC-EOC	DPS Central Communications Center	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
County EMC-EOC	DPS Central Communications Center	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc).
County EMC-EOC	DPS Central Communications Center	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
County EMC-EOC	DPS Central Communications Center	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County EMC-EOC	Independent School District Bus Dispatch	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
County EMC-EOC	Independent School District Bus Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
County EMC-EOC	Independent School District Bus Dispatch	emergency transit service request	Existing	Request to modify transit service and fare schedules to address emergencies, including requests for transit services to evacuate people from and/or deploy response agency personnel to an emergency scene. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of transit resources.
County EMC-EOC	Independent School District Bus Dispatch	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
County EMC-EOC	Independent School District Bus Dispatch	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
County EMC-EOC	Independent School District Bus Dispatch	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
County EMC-EOC	Independent School District Bus Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
County EMC-EOC	Local Dial-A-Ride Transit Dispatchers	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.

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Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County EMC-EOC	Local Dial-A-Ride Transit Dispatchers	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
County EMC-EOC	Local Dial-A-Ride Transit Dispatchers	emergency transit service request	Existing	Request to modify transit service and fare schedules to address emergencies, including requests for transit services to evacuate people from and/or deploy response agency personnel to an emergency scene. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of transit resources.
County EMC-EOC	Local Dial-A-Ride Transit Dispatchers	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
County EMC-EOC	Local Dial-A-Ride Transit Dispatchers	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
County EMC-EOC	Local Dial-A-Ride Transit Dispatchers	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
County EMC-EOC	Local Dial-A-Ride Transit Dispatchers	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
County EMC-EOC	Maricopa County EOC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
County EMC-EOC	Maricopa County EOC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
County EMC-EOC	Maricopa County EOC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation routes, evacuation times, forecast network conditions, and reentry times.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County EMC-EOC	Maricopa County EOC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
County EMC-EOC	Maricopa County EOC	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
County EMC-EOC	Maricopa County EOC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
County EMC-EOC	Maricopa County EOC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
County EMC-EOC	Maricopa County EOC	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
County EMC-EOC	Maricopa County EOC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
County EMC-EOC	Railroad Operations Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
County EMC-EOC	Social Media and Networking	alert notification for social media	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public via social media. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This version of the flow contains only publicly available information and is structured and formatted for publication on specific social media platforms and other public-facing sites.
County EMC-EOC	Transit Providers Dispatch (Public and Private)	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.

Information Flows – Tabular Format (sorted by Source Element)

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Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County EMC-EOC	Transit Providers Dispatch (Public and Private)	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
County EMC-EOC	Transit Providers Dispatch (Public and Private)	emergency transit service request	Existing	Request to modify transit service and fare schedules to address emergencies, including requests for transit services to evacuate people from and/or deploy response agency personnel to an emergency scene. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of transit resources.
County EMC-EOC	Transit Providers Dispatch (Public and Private)	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
County EMC-EOC	Transit Providers Dispatch (Public and Private)	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
County EMC-EOC	Transit Providers Dispatch (Public and Private)	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
County EMC-EOC	Transit Providers Dispatch (Public and Private)	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
County EMC-EOC	Tribal Public Safety Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
County EMC-EOC	Tribal Public Safety Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
County EMC-EOC	Tribal Public Safety Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation routes, evacuation times, forecast network conditions, and reentry times.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County EMC-EOC	Tribal Public Safety Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
County EMC-EOC	Tribal Public Safety Dispatch	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
County EMC-EOC	Tribal Public Safety Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
County EMC-EOC	Tribal Public Safety Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
County EMC-EOC	Tribal Public Safety Dispatch	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
County EMC-EOC	Tribal Public Safety Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
County EMC-EOC	Yuma County Area Transit (YCAT)	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
County EMC-EOC	Yuma County Area Transit (YCAT)	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
County EMC-EOC	Yuma County Area Transit (YCAT)	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County EMC-EOC	Yuma County Area Transit (YCAT)	emergency transit service request	Existing	Request to modify transit service and fare schedules to address emergencies, including requests for transit services to evacuate people from and/or deploy response agency personnel to an emergency scene. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of transit resources.
County EMC-EOC	Yuma County Area Transit (YCAT)	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
County EMC-EOC	Yuma County Area Transit (YCAT)	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
County EMC-EOC	Yuma County Area Transit (YCAT)	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
County EMC-EOC	Yuma County Area Transit (YCAT)	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
County EMC-EOC	Yuma County Area Transit (YCAT)	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
County EMC-EOC	Yuma County Area Transit (YCAT)	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
County EMC-EOC	Yuma County Area Transit (YCAT)	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
County EMC-EOC	Yuma County Area Transit (YCAT)	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County Flood Warning System	County Data Archive	roadside archive data	Planned	A broad set of data derived from roadside sensors that includes current traffic conditions, environmental conditions, and any other data that can be directly collected by roadside sensors. This data also indicates the status of the sensors and reports of any identified sensor faults.
County Flood Warning System	County ITS Field Equipment	barrier system coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control barrier systems that are represented by gates, barriers and other automated or remotely controlled systems used to manage entry to roadways. Current operating status of barrier systems is also shared including operating condition and current operational state.
County Flood Warning System	County ITS Field Equipment	dynamic sign coordination	Existing	The direct flow of information between field equipment. This includes information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support local management of these devices. Current operating status of dynamic message signs is returned.
County Flood Warning System	County ITS Field Equipment	environmental sensor coordination	Existing	The direct flow of information between field equipment. This includes configuration and control of environmental sensors and the current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
County Flood Warning System	County ITS Field Equipment	lane management coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control dynamic lane management systems and the status of managed lanes including current operational state, violations, and logged information. This also includes lane usage information including both traditional traffic flow measures and special information associated with managed lanes such as measured passenger occupancies. It also includes the operational status of the lane management equipment.
County Flood Warning System	County ITS Field Equipment	local priority request coordination	Existing	The direct flow of information between field equipment. This includes notification of crossing calls from pedestrians and other vulnerable road users and requests for signal prioritization or preemption, and any other request for right-of-way at an intersection. The status of the priority request is also shared. For vulnerable road users, this includes information provided to guide and warn vulnerable road users at crossings including crossing permission status and crossing time remaining.
County Flood Warning System	County ITS Field Equipment	passive vehicle monitoring coordination	Planned	The direct flow of information between field equipment. This includes control commands used to control detection systems that rely on infrastructure-based identification of individual vehicles to measure travel times and other related measures by identifying the same vehicle at different points in the network. Related technologies include Bluetooth readers and license plate recognition systems. The coordination also includes sharing of time stamped identifiers that identify the vehicles that have passed through a detection zone.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County Flood Warning System	County ITS Field Equipment	reversible lane coordination	Planned	The direct flow of information between field equipment. This includes control of automated reversible lane configuration and driver information systems and current reversible lane status including the operational status and mode of the reversible lane control equipment.
County Flood Warning System	County ITS Field Equipment	roadway treatment coordination	Existing	The direct flow of information between field equipment. This includes control data for remotely located, automated devices, that treat the road surface (e.g., de-icing applications) and the current operational status of automated roadway treatment devices.
County Flood Warning System	County ITS Field Equipment	roadway warning coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control roadway warning systems and the current operating status of roadway warning systems.
County Flood Warning System	County ITS Field Equipment	signal control coordination	Existing	The direct flow of information between field equipment. This includes configuration and control of traffic signal controllers or field masters. Configuration data and operational status of traffic signal control equipment including operating condition and current indications are returned.
County Flood Warning System	County ITS Field Equipment	traffic detector coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control traffic detector systems such as inductive loop detectors and machine vision sensors. Raw and/or processed traffic detector data is returned that allows derivation of traffic flow variables (e.g., speed, volume, and density measures) and associated information (e.g., congestion, potential incidents). This flow includes the traffic data and the operational status of the traffic detectors.
County Flood Warning System	County ITS Field Equipment	traffic metering coordination	Existing	The direct flow of information between field equipment. This includes control commands and operating parameters for ramp meters, interchange meters, mainline meters, and other systems equipment associated with roadway metering operations. Current operational status of the traffic metering status is also provided.
County Flood Warning System	County ITS Field Equipment	variable speed limit coordination	Existing	The direct flow of information between field equipment. This includes information used to configure, control, and monitor variable speed limit systems including the equipment used to provide current speed limits and other information to drivers.
County Flood Warning System	County ITS Field Equipment	video surveillance coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control video surveillance systems and the high fidelity, real-time traffic images and associated meta data that are returned.
County Flood Warning System	County Public Works	environmental sensor data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
County Flood Warning System	County TMC-TOC	environmental sensor data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County Flood Warning System	County TMC-TOC	passive vehicle monitoring data	Existing	Time stamped identifiers that identify the vehicles that have passed through a detection zone.
County Flood Warning System	County TMC-TOC	right-of-way request notification	Existing	Notice that a request has occurred for signal prioritization, signal preemption, pedestrian call, multi-modal crossing activation, or other source for right-of-way.
County Flood Warning System	County TMC-TOC	roadway dynamic signage status	Existing	Current operating status of dynamic message signs.
County Flood Warning System	County TMC-TOC	signal control status	Planned	Operational and status data of traffic signal control equipment including operating condition and current indications.
County Flood Warning System	County TMC-TOC	signal fault data	Existing	Faults reported by traffic signal control equipment.
County Flood Warning System	County TMC-TOC	traffic detector data	Planned	Raw and/or processed traffic detector data which allows derivation of traffic flow variables (e.g., speed, volume, and density measures) and associated information (e.g., congestion, potential incidents). This flow includes the traffic data and the operational status of the traffic detectors
County Flood Warning System	County TMC-TOC	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
County Flood Warning System	NOAA _National Weather Service	environmental sensor data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
County ITS Field Equipment	County Data Archive	roadside archive data	Planned	A broad set of data derived from roadside sensors that includes current traffic conditions, environmental conditions, and any other data that can be directly collected by roadside sensors. This data also indicates the status of the sensors and reports of any identified sensor faults.
County ITS Field Equipment	County Flood Warning System	barrier system coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control barrier systems that are represented by gates, barriers and other automated or remotely controlled systems used to manage entry to roadways. Current operating status of barrier systems is also shared including operating condition and current operational state.
County ITS Field Equipment	County Flood Warning System	dynamic sign coordination	Existing	The direct flow of information between field equipment. This includes information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support local management of these devices. Current operating status of dynamic message signs is returned.
County ITS Field Equipment	County Flood Warning System	environmental sensor coordination	Existing	The direct flow of information between field equipment. This includes configuration and control of environmental sensors and the current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County ITS Field Equipment	County Flood Warning System	lane management coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control dynamic lane management systems and the status of managed lanes including current operational state, violations, and logged information. This also includes lane usage information including both traditional traffic flow measures and special information associated with managed lanes such as measured passenger occupancies. It also includes the operational status of the lane management equipment.
County ITS Field Equipment	County Flood Warning System	local priority request coordination	Existing	The direct flow of information between field equipment. This includes notification of crossing calls from pedestrians and other vulnerable road users and requests for signal prioritization or preemption, and any other request for right-of-way at an intersection. The status of the priority request is also shared. For vulnerable road users, this includes information provided to guide and warn vulnerable road users at crossings including crossing permission status and crossing time remaining.
County ITS Field Equipment	County Flood Warning System	passive vehicle monitoring coordination	Planned	The direct flow of information between field equipment. This includes control commands used to control detection systems that rely on infrastructure-based identification of individual vehicles to measure travel times and other related measures by identifying the same vehicle at different points in the network. Related technologies include Bluetooth readers and license plate recognition systems. The coordination also includes sharing of time stamped identifiers that identify the vehicles that have passed through a detection zone.
County ITS Field Equipment	County Flood Warning System	reversible lane coordination	Planned	The direct flow of information between field equipment. This includes control of automated reversible lane configuration and driver information systems and current reversible lane status including the operational status and mode of the reversible lane control equipment.
County ITS Field Equipment	County Flood Warning System	roadway treatment coordination	Existing	The direct flow of information between field equipment. This includes control data for remotely located, automated devices, that treat the road surface (e.g., de-icing applications) and the current operational status of automated roadway treatment devices.
County ITS Field Equipment	County Flood Warning System	roadway warning coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control roadway warning systems and the current operating status of roadway warning systems.
County ITS Field Equipment	County Flood Warning System	signal control coordination	Existing	The direct flow of information between field equipment. This includes configuration and control of traffic signal controllers or field masters. Configuration data and operational status of traffic signal control equipment including operating condition and current indications are returned.
County ITS Field Equipment	County Flood Warning System	traffic detector coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control traffic detector systems such as inductive loop detectors and machine vision sensors. Raw and/or processed traffic detector data is returned that allows derivation of traffic flow variables (e.g., speed, volume, and density measures) and associated information (e.g., congestion, potential incidents). This flow includes the traffic data and the operational status of the traffic detectors.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County ITS Field Equipment	County Flood Warning System	traffic metering coordination	Existing	The direct flow of information between field equipment. This includes control commands and operating parameters for ramp meters, interchange meters, mainline meters, and other systems equipment associated with roadway metering operations. Current operational status of the traffic metering status is also provided.
County ITS Field Equipment	County Flood Warning System	variable speed limit coordination	Existing	The direct flow of information between field equipment. This includes information used to configure, control, and monitor variable speed limit systems including the equipment used to provide current speed limits and other information to drivers.
County ITS Field Equipment	County Flood Warning System	video surveillance coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control video surveillance systems and the high fidelity, real-time traffic images and associated meta data that are returned.
County ITS Field Equipment	County Public Works	environmental sensor data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
County ITS Field Equipment	County Public Works	field equipment status	Existing	Reports from field equipment (sensors, signals, signs, controllers, etc.) which indicate current operational status.
County ITS Field Equipment	County TMC-TOC	environmental sensor data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
County ITS Field Equipment	County TMC-TOC	passive vehicle monitoring data	Existing	Time stamped identifiers that identify the vehicles that have passed through a detection zone.
County ITS Field Equipment	County TMC-TOC	right-of-way request notification	Planned	Notice that a request has occurred for signal prioritization, signal preemption, pedestrian call, multi-modal crossing activation, or other source for right-of-way.
County ITS Field Equipment	County TMC-TOC	roadway dynamic signage status	Existing	Current operating status of dynamic message signs.
County ITS Field Equipment	County TMC-TOC	signal control status	Existing	Operational and status data of traffic signal control equipment including operating condition and current indications.
County ITS Field Equipment	County TMC-TOC	signal fault data	Existing	Faults reported by traffic signal control equipment.
County ITS Field Equipment	County TMC-TOC	traffic detector data	Existing	Raw and/or processed traffic detector data which allows derivation of traffic flow variables (e.g., speed, volume, and density measures) and associated information (e.g., congestion, potential incidents). This flow includes the traffic data and the operational status of the traffic detectors
County ITS Field Equipment	County TMC-TOC	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County ITS Field Equipment	NOAA_National Weather Service	environmental sensor data	Existing	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
County ITS Field Equipment	Rail Grade Wayside Warning Systems	rail crossing operational status	Existing	Status of the highway-rail grade crossing equipment including both the current state or mode of operation and the current equipment condition.
County Mobile App	County TMC-TOC	external reports	Planned	Traffic and incident information that is collected by the media through a variety of mechanisms (e.g., radio station call-in programs, air surveillance).
County Public Works	County Data Archive	maint and constr archive data	Existing	Information describing road construction and maintenance activities identifying the type of activity, the work performed, and work zone information including work zone configuration and safety (e.g., a record of intrusions and vehicle speeds) information. For construction activities, this information also includes a description of the completed infrastructure, including as-built plans as applicable. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
County Public Works	County EMC-EOC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
County Public Works	County EMC-EOC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
County Public Works	County EMC-EOC	maint and constr resource response	Existing	Current status of maintenance and construction resources including availability and deployment status. General resource inventory information covering vehicles, equipment, materials, and people and specific resource deployment status may be included.
County Public Works	County EMC-EOC	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
County Public Works	County EMC-EOC	road weather information	Planned	Road conditions and weather information that are made available by road maintenance operations to other transportation system operators.
County Public Works	County Flood Warning System	environmental sensor control	Planned	Data used to configure and control environmental sensors.
County Public Works	County ITS Field Equipment	environmental sensor control	Planned	Data used to configure and control environmental sensors.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County Public Works	County Mobile App	road weather information	Existing	Road conditions and weather information that are made available by road maintenance operations to other transportation system operators.
County Public Works	County Mobile App	roadway maintenance status	Existing	Summary of maintenance fleet operations affecting the road network. This includes the status of winter maintenance (snow plow schedule and current status).
County Public Works	County Public Works Vehicles	environmental sensor control	Existing	Data used to configure and control environmental sensors.
County Public Works	County Public Works Vehicles	maint and constr dispatch information	Planned	Information used to dispatch maintenance and construction vehicles, equipment, and crews and information used to keep work zone crews informed. This information includes routing information, traffic information, road restrictions, incident information, environmental information, decision support information, maintenance schedule data, dispatch instructions, personnel assignments, alert notifications, and corrective actions.
County Public Works	County Public Works Vehicles	maint and constr vehicle system control	Planned	Configure and control data that supports remote control of on-board maintenance and construction vehicle systems and field equipment that is remotely controlled by the vehicle. For example, the data can be used to adjust material application rates and spread patterns.
County Public Works	County TMC-TOC	environmental conditions data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors and aggregated by the data collector. Attributes relating to the data collection (and aggregation) are also included.
County Public Works	County TMC-TOC	equipment maintenance status	Planned	Current status of field equipment maintenance actions.
County Public Works	County TMC-TOC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
County Public Works	County TMC-TOC	maint and constr resource response	Planned	Current status of maintenance and construction resources including availability and deployment status. General resource inventory information covering vehicles, equipment, materials, and people and specific resource deployment status may be included.
County Public Works	County TMC-TOC	maint and constr work plans	Planned	Future construction and maintenance work schedules and activities including anticipated closures with anticipated impact to the roadway, alternate routes, anticipated delays, closure times, and durations.
County Public Works	County TMC-TOC	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County Public Works	County TMC-TOC	road weather information	Planned	Road conditions and weather information that are made available by road maintenance operations to other transportation system operators.
County Public Works	County TMC-TOC	roadway maintenance status	Planned	Summary of maintenance fleet operations affecting the road network. This includes the status of winter maintenance (snow plow schedule and current status).
County Public Works	County TMC-TOC	work zone information	Planned	Summary of maintenance and construction work zone activities affecting the road network including the nature of the maintenance or construction activity, location, impact to the roadway, expected time(s) and duration of impact, anticipated delays, alternate routes, and suggested speed limits. This information may be augmented with images that provide a visual indication of current work zone status and traffic impacts.
County Public Works	DPS Wireless Systems Bureau	maint and constr resource coordination	Planned	Request for road maintenance and construction resources that can be used in the diversion of traffic (cones, portable signs), clearance of a road hazard, repair of ancillary damage, or any other incident response.
County Public Works	DPS Wireless Systems Bureau	road weather information	Planned	Road conditions and weather information that are made available by road maintenance operations to other transportation system operators.
County Public Works	DPS Wireless Systems Bureau	roadway maintenance status	Planned	Summary of maintenance fleet operations affecting the road network. This includes the status of winter maintenance (snow plow schedule and current status).
County Public Works	Local Print and Broadcast Media	roadway maintenance status	Existing	Summary of maintenance fleet operations affecting the road network. This includes the status of winter maintenance (snow plow schedule and current status).
County Public Works	NOAA_National Weather Service	environmental conditions data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors and aggregated by the data collector. Attributes relating to the data collection (and aggregation) are also included.
County Public Works	NOAA_National Weather Service	road weather information	Planned	Road conditions and weather information that are made available by road maintenance operations to other transportation system operators.
County Public Works Vehicles	County Public Works	environmental sensor data	Existing	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
County Public Works Vehicles	County Public Works	maint and constr dispatch status	Planned	Current maintenance and construction status including work data, operator status, crew status, and equipment status.
County Public Works Vehicles	County Public Works	maint and constr vehicle conditions	Planned	Vehicle diagnostics information that is collected, filtered, and selectively reported by a maintenance and construction vehicle. The information includes engine temperature, mileage, tire wear, brake wear, belt wear, and any warnings or alarms concerning the operational condition of the vehicle and ancillary equipment.
County Public Works Vehicles	County Public Works	maint and constr vehicle location data	Planned	The current location and related status (e.g., direction and speed) of the maintenance/construction vehicle.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County Public Works Vehicles	County Public Works	maint and constr vehicle operational data	Planned	Data that describes the maintenance and construction activity performed by the vehicle. Operational data includes materials usage (amount stored and current application rate), operational state of the maintenance equipment (e.g., blade up/down, spreader pattern), vehicle safety status, and other measures associated with the operation of a maintenance, construction, or other special purpose vehicle. Operational data may include basic operational status of the vehicle equipment or a more precise record of the work performed (e.g., application of crack sealant with precise locations and application characteristics).
County Radio Systems	ADOT Service Monitor System for Connected Vehicle	system status	Planned	Monitoring of system device status including current mode, operational status, and configuration settings. It includes device housekeeping/heartbeat monitoring and includes network information, the status of installed applications, and the configuration of managed devices.
County Sheriff Dispatch	ADOT Crash Reporting Information System (CRIS)	emergency archive data	Existing	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
County Sheriff Dispatch	ADOT ECD Dispatch	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
County Sheriff Dispatch	ADOT ECD Dispatch	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
County Sheriff Dispatch	ADOT ECD Dispatch	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
County Sheriff Dispatch	ADOT ECD Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
County Sheriff Dispatch	ADOT ECD Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County Sheriff Dispatch	ADOT ECD Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
County Sheriff Dispatch	ADOT ECD Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
County Sheriff Dispatch	ADOT ECD Dispatch	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
County Sheriff Dispatch	ADOT ECD Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
County Sheriff Dispatch	ADOT Motor Vehicle Division (MVD) Database	emergency archive data	Planned	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
County Sheriff Dispatch	ADOT TOC and EMC	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
County Sheriff Dispatch	ADOT TOC and EMC	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
County Sheriff Dispatch	ADOT TOC and EMC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County Sheriff Dispatch	ADOT TOC and EMC	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
County Sheriff Dispatch	ADOT TOC and EMC	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
County Sheriff Dispatch	ADOT TOC and EMC	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
County Sheriff Dispatch	ADOT TOC and EMC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
County Sheriff Dispatch	ADOT TOC and EMC	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
County Sheriff Dispatch	ADOT TOC and EMC	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
County Sheriff Dispatch	ADOT TOC and EMC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
County Sheriff Dispatch	ADOT TOC and EMC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
County Sheriff Dispatch	ADOT TOC and EMC	remote surveillance control	Planned	The control commands used to remotely operate another center's sensors or surveillance equipment so that roadside surveillance assets can be shared by more than one agency.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County Sheriff Dispatch	ADOT TOC and EMC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
County Sheriff Dispatch	ADOT TOC and EMC	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
County Sheriff Dispatch	ADOT TOC and EMC	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
County Sheriff Dispatch	ADOT TOC and EMC	threat information	Planned	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
County Sheriff Dispatch	ADOT TOC and EMC	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
County Sheriff Dispatch	ADOT TOC and EMC	transportation system status	Existing	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
County Sheriff Dispatch	County 911 PSAPs	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
County Sheriff Dispatch	County 911 PSAPs	incident notification response	Planned	Interactive acknowledgement and verification of the incident information received, requests for additional information, and general information on incident response status.
County Sheriff Dispatch	County Data Archive	emergency archive data	Existing	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
County Sheriff Dispatch	County EMC-EOC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
County Sheriff Dispatch	County EMC-EOC	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County Sheriff Dispatch	County EMC-EOC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
County Sheriff Dispatch	County EMC-EOC	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
County Sheriff Dispatch	County EMC-EOC	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
County Sheriff Dispatch	County EMC-EOC	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
County Sheriff Dispatch	County EMC-EOC	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
County Sheriff Dispatch	County EMC-EOC	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
County Sheriff Dispatch	County EMC-EOC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
County Sheriff Dispatch	County Mobile App	incident information for media	Planned	Report of current desensitized incident information prepared for public dissemination through the media.
County Sheriff Dispatch	County Sheriffs Vehicles	decision support information	Existing	Information provided to support effective and safe incident response, including local traffic, road, and weather conditions, hazardous material information, and the current status of resources (including vehicles, other equipment, supplies) that have been allocated to an incident.
County Sheriff Dispatch	County Sheriffs Vehicles	emergency dispatch requests	Existing	Emergency vehicle dispatch instructions including incident location and available information concerning the incident.
County Sheriff Dispatch	County TMC-TOC	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County Sheriff Dispatch	County TMC-TOC	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
County Sheriff Dispatch	County TMC-TOC	emergency traffic control request	Planned	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
County Sheriff Dispatch	County TMC-TOC	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
County Sheriff Dispatch	County TMC-TOC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
County Sheriff Dispatch	County TMC-TOC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
County Sheriff Dispatch	County TMC-TOC	remote surveillance control	Planned	The control commands used to remotely operate another center's sensors or surveillance equipment so that roadside surveillance assets can be shared by more than one agency.
County Sheriff Dispatch	County TMC-TOC	resource deployment status	Existing	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
County Sheriff Dispatch	County TMC-TOC	resource request	Existing	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County Sheriff Dispatch	County TMC-TOC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
County Sheriff Dispatch	County Website and NIXLE	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
County Sheriff Dispatch	DEMA CRT - HazMat Response Team	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
County Sheriff Dispatch	DEMA CRT - HazMat Response Team	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
County Sheriff Dispatch	DEMA CRT - HazMat Response Team	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
County Sheriff Dispatch	DEMA CRT - HazMat Response Team	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
County Sheriff Dispatch	DEMA CRT - HazMat Response Team	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
County Sheriff Dispatch	DEMA CRT - HazMat Response Team	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County Sheriff Dispatch	DEMA CRT - HazMat Response Team	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
County Sheriff Dispatch	DEMA CRT - HazMat Response Team	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
County Sheriff Dispatch	DEMA CRT - HazMat Response Team	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
County Sheriff Dispatch	DEMA CRT - HazMat Response Team	resource request	Existing	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
County Sheriff Dispatch	DEMA Enforcement	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
County Sheriff Dispatch	DEMA Enforcement	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
County Sheriff Dispatch	DEMA Enforcement	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
County Sheriff Dispatch	DEMA Enforcement	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
County Sheriff Dispatch	DEMA Enforcement	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County Sheriff Dispatch	DEMA Enforcement	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
County Sheriff Dispatch	DEMA Enforcement	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
County Sheriff Dispatch	DEMA Enforcement	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
County Sheriff Dispatch	DEMA Enforcement	transportation system status	Existing	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
County Sheriff Dispatch	DEMA SEOC Arizona DEM Military Affairs	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
County Sheriff Dispatch	DEMA SEOC Arizona DEM Military Affairs	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
County Sheriff Dispatch	DEMA SEOC Arizona DEM Military Affairs	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
County Sheriff Dispatch	DEMA SEOC Arizona DEM Military Affairs	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
County Sheriff Dispatch	DEMA SEOC Arizona DEM Military Affairs	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
County Sheriff Dispatch	DEMA SEOC Arizona DEM Military Affairs	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County Sheriff Dispatch	DEMA SEOC Arizona DEM Military Affairs	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
County Sheriff Dispatch	DEMA SEOC Arizona DEM Military Affairs	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
County Sheriff Dispatch	DEMA SEOC Arizona DEM Military Affairs	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
County Sheriff Dispatch	DEMA WebEOC System	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
County Sheriff Dispatch	DEMA WebEOC System	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
County Sheriff Dispatch	DEMA WebEOC System	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
County Sheriff Dispatch	DEMA WebEOC System	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
County Sheriff Dispatch	DEMA WebEOC System	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
County Sheriff Dispatch	DEMA WebEOC System	incident notification response	Planned	Interactive acknowledgement and verification of the incident information received, requests for additional information, and general information on incident response status.
County Sheriff Dispatch	DEMA WebEOC System	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
County Sheriff Dispatch	DEMA WebEOC System	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County Sheriff Dispatch	DEMA WebEOC System	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
County Sheriff Dispatch	DEMA WebEOC System	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
County Sheriff Dispatch	DEMA WebEOC System	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
County Sheriff Dispatch	DPS Central Communications Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
County Sheriff Dispatch	DPS Central Communications Center	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
County Sheriff Dispatch	DPS Central Communications Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
County Sheriff Dispatch	DPS Central Communications Center	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
County Sheriff Dispatch	DPS Central Communications Center	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
County Sheriff Dispatch	DPS Central Communications Center	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
County Sheriff Dispatch	DPS Central Communications Center	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County Sheriff Dispatch	DPS Central Communications Center	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
County Sheriff Dispatch	DPS Central Communications Center	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
County Sheriff Dispatch	DPS Central Communications Center	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
County Sheriff Dispatch	DPS Central Communications Center	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
County Sheriff Dispatch	DPS Central Communications Center	remote surveillance control	Existing	The control commands used to remotely operate another center's sensors or surveillance equipment so that roadside surveillance assets can be shared by more than one agency.
County Sheriff Dispatch	DPS Central Communications Center	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
County Sheriff Dispatch	DPS Central Communications Center	resource request	Existing	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
County Sheriff Dispatch	DPS Central Communications Center	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc).
County Sheriff Dispatch	DPS Central Communications Center	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
County Sheriff Dispatch	DPS Central Communications Center	transportation system status	Existing	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County Sheriff Dispatch	Emergency Medical Transport/Ambulances	emergency dispatch requests	Existing	Emergency vehicle dispatch instructions including incident location and available information concerning the incident.
County Sheriff Dispatch	Railroad Operations Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
County Sheriff Dispatch	Social Media and Networking	alert notification for social media	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public via social media. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This version of the flow contains only publicly available information and is structured and formatted for publication on specific social media platforms and other public-facing sites.
County Sheriffs Vehicles	ADOT ITS Field Equipment	local signal preemption request	Planned	Direct control signal or message to a signalized intersection that results in preemption of the current control plan and grants right-of-way to the requesting vehicle.
County Sheriffs Vehicles	County ITS Field Equipment	local signal preemption request	Planned	Direct control signal or message to a signalized intersection that results in preemption of the current control plan and grants right-of-way to the requesting vehicle.
County Sheriffs Vehicles	County Sheriff Dispatch	emergency dispatch response	Existing	Request for additional emergency dispatch information and provision of en route status.
County Sheriffs Vehicles	County Sheriff Dispatch	emergency vehicle tracking data	Existing	The current location and operating status of the emergency vehicle.
County Sheriffs Vehicles	County Sheriff Dispatch	incident scene status	Planned	Information gathered at the incident site that more completely characterizes the incident and provides current incident response status.
County TMC-TOC	ADOT 511 Website	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
County TMC-TOC	ADOT 511 Website	traffic control information	Existing	Represents the flow of traffic control and status information between centers. This is reporting only, not actual control. This specifically includes the current state of any demand management strategies that have been implemented.
County TMC-TOC	ADOT 511 Website	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
County TMC-TOC	ADOT TOC and EMC	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
County TMC-TOC	ADOT TOC and EMC	device control request	Planned	Request for device control action

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County TMC-TOC	ADOT TOC and EMC	device data	Planned	Data from detectors, environmental sensor stations, roadside equipment, and traffic control devices, including device inventory information.
County TMC-TOC	ADOT TOC and EMC	device status	Planned	Status information from devices
County TMC-TOC	ADOT TOC and EMC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
County TMC-TOC	ADOT TOC and EMC	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
County TMC-TOC	ADOT TOC and EMC	emergency traffic coordination	Existing	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
County TMC-TOC	ADOT TOC and EMC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
County TMC-TOC	ADOT TOC and EMC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
County TMC-TOC	ADOT TOC and EMC	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
County TMC-TOC	ADOT TOC and EMC	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
County TMC-TOC	ADOT TOC and EMC	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County TMC-TOC	ADOT TOC and EMC	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
County TMC-TOC	ADOT TOC and EMC	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
County TMC-TOC	ADOT TOC and EMC	transportation operational strategies	Planned	Operational strategies for each operating agency in a transportation corridor, downtown area, or other travel-impacted area, providing an integrated operations strategy for the freeways, tollways, arterials, transit services, parking facilities, and other transportation-related facilities in the area. These strategies can include dynamic adjustments to transit fares and tolls, parking fees and restrictions, dynamic lane restriction changes, and other active demand management strategies.
County TMC-TOC	County Data Archive	traffic archive data	Existing	Information describing the use and vehicle composition on transportation facilities and the traffic control strategies employed. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
County TMC-TOC	County EMC-EOC	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
County TMC-TOC	County EMC-EOC	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
County TMC-TOC	County EMC-EOC	emergency traffic control information	Planned	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
County TMC-TOC	County EMC-EOC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
County TMC-TOC	County EMC-EOC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County TMC-TOC	County EMC-EOC	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
County TMC-TOC	County EMC-EOC	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
County TMC-TOC	County EMC-EOC	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
County TMC-TOC	County EMC-EOC	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
County TMC-TOC	County EMC-EOC	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
County TMC-TOC	County Flood Warning System	environmental sensor control	Planned	Data used to configure and control environmental sensors.
County TMC-TOC	County Flood Warning System	passive vehicle monitoring control	Planned	Control commands used to control detection systems that rely on infrastructure-based identification of individual vehicles to measure travel times and other related measures by identifying the same vehicle at different points in the network. Related technologies include Bluetooth readers and license plate recognition systems.
County TMC-TOC	County Flood Warning System	roadway dynamic signage data	Existing	Information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support remote management of these devices.
County TMC-TOC	County Flood Warning System	signal control commands	Planned	Control of traffic signal controllers or field masters including clock synchronization.
County TMC-TOC	County Flood Warning System	signal control device configuration	Planned	Data used to configure traffic signal control equipment including local controllers and system masters.
County TMC-TOC	County Flood Warning System	signal control plans	Planned	Traffic signal timing parameters including minimum green time and interval durations for basic operation and cycle length, splits, offset, phase sequence, etc. for coordinated systems.
County TMC-TOC	County Flood Warning System	signal system configuration	Planned	Data used to configure traffic signal systems including configuring control sections and mode of operation (time based or traffic responsive).
County TMC-TOC	County Flood Warning System	traffic detector control	Planned	Information used to configure and control traffic detector systems such as inductive loop detectors and machine vision sensors.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County TMC-TOC	County Flood Warning System	video surveillance control	Planned	Information used to configure and control video surveillance systems.
County TMC-TOC	County ITS Field Equipment	environmental sensor control	Planned	Data used to configure and control environmental sensors.
County TMC-TOC	County ITS Field Equipment	passive vehicle monitoring control	Planned	Control commands used to control detection systems that rely on infrastructure-based identification of individual vehicles to measure travel times and other related measures by identifying the same vehicle at different points in the network. Related technologies include Bluetooth readers and license plate recognition systems.
County TMC-TOC	County ITS Field Equipment	roadway dynamic signage data	Existing	Information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support remote management of these devices.
County TMC-TOC	County ITS Field Equipment	signal control commands	Existing	Control of traffic signal controllers or field masters including clock synchronization.
County TMC-TOC	County ITS Field Equipment	signal control device configuration	Planned	Data used to configure traffic signal control equipment including local controllers and system masters.
County TMC-TOC	County ITS Field Equipment	signal control plans	Planned	Traffic signal timing parameters including minimum green time and interval durations for basic operation and cycle length, splits, offset, phase sequence, etc. for coordinated systems.
County TMC-TOC	County ITS Field Equipment	signal system configuration	Planned	Data used to configure traffic signal systems including configuring control sections and mode of operation (time based or traffic responsive).
County TMC-TOC	County ITS Field Equipment	traffic detector control	Existing	Information used to configure and control traffic detector systems such as inductive loop detectors and machine vision sensors.
County TMC-TOC	County ITS Field Equipment	video surveillance control	Planned	Information used to configure and control video surveillance systems.
County TMC-TOC	County Mobile App	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
County TMC-TOC	County Mobile App	traffic information for media	Planned	Report of traffic conditions including traffic incident reports for public dissemination through the media. The reports may also include information on diversions and alternate routes, closures, and special traffic restrictions in effect.
County TMC-TOC	County Public Works	environmental conditions data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors and aggregated by the data collector. Attributes relating to the data collection (and aggregation) are also included.
County TMC-TOC	County Public Works	equipment maintenance request	Planned	Identification of field equipment requiring repair and known information about the associated faults.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County TMC-TOC	County Public Works	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
County TMC-TOC	County Public Works	maint and constr resource request	Planned	Request for road maintenance and construction resources that can be used in the diversion of traffic (cones, portable signs), clearance of a road hazard, repair of ancillary damage, or any other incident response. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of resources.
County TMC-TOC	County Public Works	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
County TMC-TOC	County Public Works	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
County TMC-TOC	County Public Works	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
County TMC-TOC	County Public Works	transportation operational strategies	Planned	Operational strategies for each operating agency in a transportation corridor, downtown area, or other travel-impacted area, providing an integrated operations strategy for the freeways, tollways, arterials, transit services, parking facilities, and other transportation-related facilities in the area. These strategies can include dynamic adjustments to transit fares and tolls, parking fees and restrictions, dynamic lane restriction changes, and other active demand management strategies.
County TMC-TOC	County Sheriff Dispatch	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
County TMC-TOC	County Sheriff Dispatch	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County TMC-TOC	County Sheriff Dispatch	emergency traffic control information	Planned	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
County TMC-TOC	County Sheriff Dispatch	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
County TMC-TOC	County Sheriff Dispatch	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
County TMC-TOC	County Sheriff Dispatch	resource deployment status	Existing	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
County TMC-TOC	County Sheriff Dispatch	resource request	Existing	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
County TMC-TOC	County Sheriff Dispatch	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
County TMC-TOC	County Sheriff Dispatch	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
County TMC-TOC	County Sheriff Dispatch	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
County TMC-TOC	County Website and NIXLE	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County TMC-TOC	County Website and NIXLE	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
County TMC-TOC	County Website and NIXLE	traffic control information	Planned	Represents the flow of traffic control and status information between centers. This is reporting only, not actual control. This specifically includes the current state of any demand management strategies that have been implemented.
County TMC-TOC	County Website and NIXLE	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
County TMC-TOC	County Website and NIXLE	transportation operational strategies	Planned	Operational strategies for each operating agency in a transportation corridor, downtown area, or other travel-impacted area, providing an integrated operations strategy for the freeways, tollways, arterials, transit services, parking facilities, and other transportation-related facilities in the area. These strategies can include dynamic adjustments to transit fares and tolls, parking fees and restrictions, dynamic lane restriction changes, and other active demand management strategies.
County TMC-TOC	DPS Central Communications Center	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
County TMC-TOC	DPS Central Communications Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
County TMC-TOC	DPS Central Communications Center	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
County TMC-TOC	DPS Central Communications Center	emergency traffic coordination	Existing	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
County TMC-TOC	DPS Central Communications Center	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County TMC-TOC	DPS Central Communications Center	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
County TMC-TOC	DPS Central Communications Center	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
County TMC-TOC	DPS Central Communications Center	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
County TMC-TOC	Local Print and Broadcast Media	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
County TMC-TOC	Local Print and Broadcast Media	traffic information for media	Planned	Report of traffic conditions including traffic incident reports for public dissemination through the media. The reports may also include information on diversions and alternate routes, closures, and special traffic restrictions in effect.
County TMC-TOC	NOAA_National Weather Service	environmental conditions data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors and aggregated by the data collector. Attributes relating to the data collection (and aggregation) are also included.
County TMC-TOC	Public Private Traveler Information	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
County TMC-TOC	Public Private Traveler Information	traffic control information	Planned	Represents the flow of traffic control and status information between centers. This is reporting only, not actual control. This specifically includes the current state of any demand management strategies that have been implemented.
County TMC-TOC	Public Private Traveler Information	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
County TMC-TOC	Public Private Traveler Information	transportation operational strategies	Planned	Operational strategies for each operating agency in a transportation corridor, downtown area, or other travel-impacted area, providing an integrated operations strategy for the freeways, tollways, arterials, transit services, parking facilities, and other transportation-related facilities in the area. These strategies can include dynamic adjustments to transit fares and tolls, parking fees and restrictions, dynamic lane restriction changes, and other active demand management strategies.
County Transit Kiosks	Cities and Towns Transit Dispatch	authorization request	Planned	Request to determine if a transportation user is authorized to use a particular transportation resource.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County Transit Kiosks	Cities and Towns Transit Dispatch	fare collection data	Planned	Fare collection information including the summary of fare system data and financial payment transaction data.
County Transit Kiosks	Cities and Towns Transit Dispatch	transit stop passenger status	Planned	The number of passengers waiting at a PT stop with optional route and destination information for waiting passengers to allow current demand at each stop to be monitored and factored into current transit service operations and transit performance monitoring. The stop identity is included.
County Transit Kiosks	Cities and Towns Transit Dispatch	transit traveler request	Planned	Request by a Transit traveler to summon assistance, request transit information, or request any other transit services.
County Transit Kiosks	Local Dial-A-Ride Transit Dispatchers	transit traveler request	Planned	Request by a Transit traveler to summon assistance, request transit information, or request any other transit services.
County Transit Kiosks	NAIPTA (dba Mountain Line) Paratransit	transit traveler request	Planned	Request by a Transit traveler to summon assistance, request transit information, or request any other transit services.
County Transit Kiosks	Payment Administration Center	authorization request	Planned	Request to determine if a transportation user is authorized to use a particular transportation resource.
County Transit Kiosks	Transit Providers Dispatch (Public and Private)	fare collection data	Planned	Fare collection information including the summary of fare system data and financial payment transaction data.
County Transit Kiosks	Transit Providers Dispatch (Public and Private)	transit stop request	Planned	Notification that a transit stop has been requested by a transit user at a roadside stop. This flow identifies the route, stop, and the time of the request.
County Transit Kiosks	Transit Providers Dispatch (Public and Private)	transit traveler request	Planned	Request by a Transit traveler to summon assistance, request transit information, or request any other transit services.
County Transit Kiosks	Traveler Card-Smartcard	payment device update	Planned	Information updated concerning traveler's personal data including name, address, user account information, trip records, and profile data.
County Transit Kiosks	Traveler Card-Smartcard	request for payment	Planned	Request to deduct cost of service from user's payment account.
County Transit Kiosks	Travelers	traveler interface updates	Existing	Visual or audio information (e.g., routes, messages, guidance, emergency information) that is provided to the traveler.
County Transit Kiosks	Tribal Transit Centers	authorization request	Planned	Request to determine if a transportation user is authorized to use a particular transportation resource.
County Transit Kiosks	Tribal Transit Centers	fare collection data	Planned	Fare collection information including the summary of fare system data and financial payment transaction data.
County Transit Kiosks	YCAT Transit Passes	payment device update	Planned	Information updated concerning traveler's personal data including name, address, user account information, trip records, and profile data.
County Transit Kiosks	YCAT Transit Passes	request for payment	Planned	Request to deduct cost of service from user's payment account.
County Transit Kiosks	Yuma County Area Transit (YCAT)	authorization request	Planned	Request to determine if a transportation user is authorized to use a particular transportation resource.
County Transit Kiosks	Yuma County Area Transit (YCAT)	transit traveler request	Planned	Request by a Transit traveler to summon assistance, request transit information, or request any other transit services.
County Website and NIXLE	County Mobile App	traveler information for media	Existing	General traveler information regarding incidents, unusual traffic conditions, transit issues, or other advisory information that has been desensitized and provided to the media.
County Website and NIXLE	County TMC-TOC	fare and price information	Planned	Current transit, parking, and toll fee schedule information.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
County Website and NIXLE	County TMC-TOC	logged vehicle routes	Planned	Anticipated route information for guided vehicles, special vehicles (e.g., oversized vehicles) or groups of vehicles (e.g., governor's motorcade) that may require changes in traffic control strategy.
County Website and NIXLE	Independent School District Bus Dispatch	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
County Website and NIXLE	Local Dial-A-Ride Transit Dispatchers	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
County Website and NIXLE	NAIPTA (dba Mountain Line) Paratransit	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
County Website and NIXLE	NAIPTA (dba Mountain Line) Transit Data Archive	traveler archive data	Planned	Data associated with traveler information services including service requests, facility usage, rideshare, routing, and traveler payment transaction data. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
County Website and NIXLE	Transit Providers Dispatch (Public and Private)	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
County Website and NIXLE	Yuma County Area Transit (YCAT)	transit fare coordination	Planned	Fare and pricing information shared between local/regional transit organizations.
County Website and NIXLE	Yuma County Area Transit (YCAT)	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
County Website and NIXLE	Yuma County Area Transit (YCAT)	transit traveler information coordination	Planned	Transit schedules, real-time arrival information, fare schedules, and general transit service information shared between transit organizations to support transit traveler information systems.
County Website and NIXLE	Yuma County Area Transit (YCAT)	transit trip request	Planned	Request for a transit trip plan that is responsive to traveler requirements such as schedule, cost, or duration.
DEMA CRT - HazMat Response Team	ADOT DEOC-Dept EM Ops Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
DEMA CRT - HazMat Response Team	ADOT DEOC-Dept EM Ops Center	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA CRT - HazMat Response Team	ADOT DEOC-Dept EM Ops Center	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
DEMA CRT - HazMat Response Team	ADOT DEOC-Dept EM Ops Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA CRT - HazMat Response Team	ADOT DEOC-Dept EM Ops Center	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA CRT - HazMat Response Team	ADOT DEOC-Dept EM Ops Center	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DEMA CRT - HazMat Response Team	ADOT DEOC-Dept EM Ops Center	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA CRT - HazMat Response Team	ADOT DEOC-Dept EM Ops Center	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA CRT - HazMat Response Team	ADOT DEOC-Dept EM Ops Center	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
DEMA CRT - HazMat Response Team	ADOT DEOC-Dept EM Ops Center	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA CRT - HazMat Response Team	ADOT DEOC-Dept EM Ops Center	resource deployment status	Existing	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA CRT - HazMat Response Team	ADOT DEOC-Dept EM Ops Center	resource request	Existing	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
DEMA CRT - HazMat Response Team	ADOT ECD Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA CRT - HazMat Response Team	ADOT ECD Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
DEMA CRT - HazMat Response Team	ADOT ECD Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA CRT - HazMat Response Team	ADOT ECD Dispatch	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA CRT - HazMat Response Team	ADOT ECD Dispatch	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DEMA CRT - HazMat Response Team	ADOT ECD Dispatch	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA CRT - HazMat Response Team	ADOT ECD Dispatch	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
DEMA CRT - HazMat Response Team	ADOT ECD Dispatch	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA CRT - HazMat Response Team	ADOT ECD Dispatch	resource deployment status	Existing	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA CRT - HazMat Response Team	ADOT ECD Dispatch	resource request	Existing	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
DEMA CRT - HazMat Response Team	ADOT HazMat Response Team	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
DEMA CRT - HazMat Response Team	ADOT HazMat Response Team	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA CRT - HazMat Response Team	ADOT HazMat Response Team	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
DEMA CRT - HazMat Response Team	ADOT HazMat Response Team	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA CRT - HazMat Response Team	ADOT HazMat Response Team	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA CRT - HazMat Response Team	ADOT HazMat Response Team	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DEMA CRT - HazMat Response Team	ADOT HazMat Response Team	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA CRT - HazMat Response Team	ADOT HazMat Response Team	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA CRT - HazMat Response Team	ADOT HazMat Response Team	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
DEMA CRT - HazMat Response Team	ADOT HazMat Response Team	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA CRT - HazMat Response Team	ADOT HazMat Response Team	resource deployment status	Existing	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
DEMA CRT - HazMat Response Team	ADOT HazMat Response Team	resource request	Existing	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
DEMA CRT - HazMat Response Team	ADOT Incident Response Unit (IRU)	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA CRT - HazMat Response Team	ADOT Incident Response Unit (IRU)	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DEMA CRT - HazMat Response Team	ADOT Regional Traffic Operations	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA CRT - HazMat Response Team	ADOT Regional Traffic Operations	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA CRT - HazMat Response Team	ADOT Regional Traffic Operations	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DEMA CRT - HazMat Response Team	ADOT Regional Traffic Operations	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
DEMA CRT - HazMat Response Team	ADOT Regional Traffic Operations	resource request	Existing	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
DEMA CRT - HazMat Response Team	ADOT TOC and EMC	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
DEMA CRT - HazMat Response Team	ADOT TOC and EMC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA CRT - HazMat Response Team	ADOT TOC and EMC	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
DEMA CRT - HazMat Response Team	ADOT TOC and EMC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA CRT - HazMat Response Team	ADOT TOC and EMC	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA CRT - HazMat Response Team	ADOT TOC and EMC	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DEMA CRT - HazMat Response Team	ADOT TOC and EMC	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA CRT - HazMat Response Team	ADOT TOC and EMC	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA CRT - HazMat Response Team	ADOT TOC and EMC	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
DEMA CRT - HazMat Response Team	ADOT TOC and EMC	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA CRT - HazMat Response Team	ADOT TOC and EMC	resource deployment status	Existing	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
DEMA CRT - HazMat Response Team	ADOT TOC and EMC	resource request	Existing	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
DEMA CRT - HazMat Response Team	County EMC-EOC	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA CRT - HazMat Response Team	County EMC-EOC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA CRT - HazMat Response Team	County EMC-EOC	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA CRT - HazMat Response Team	County EMC-EOC	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DEMA CRT - HazMat Response Team	County EMC-EOC	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA CRT - HazMat Response Team	County EMC-EOC	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA CRT - HazMat Response Team	County EMC-EOC	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
DEMA CRT - HazMat Response Team	County EMC-EOC	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA CRT - HazMat Response Team	County EMC-EOC	resource deployment status	Existing	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
DEMA CRT - HazMat Response Team	County EMC-EOC	resource request	Existing	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA CRT - HazMat Response Team	County Sheriff Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA CRT - HazMat Response Team	County Sheriff Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
DEMA CRT - HazMat Response Team	County Sheriff Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA CRT - HazMat Response Team	County Sheriff Dispatch	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA CRT - HazMat Response Team	County Sheriff Dispatch	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DEMA CRT - HazMat Response Team	County Sheriff Dispatch	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA CRT - HazMat Response Team	County Sheriff Dispatch	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA CRT - HazMat Response Team	County Sheriff Dispatch	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
DEMA CRT - HazMat Response Team	County Sheriff Dispatch	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA CRT - HazMat Response Team	County Sheriff Dispatch	resource deployment status	Existing	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
DEMA CRT - HazMat Response Team	County Sheriff Dispatch	resource request	Existing	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
DEMA CRT - HazMat Response Team	DEMA Data Archive	emergency archive data	Existing	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
DEMA CRT - HazMat Response Team	DEMA SEOC Arizona DEM Military Affairs	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA CRT - HazMat Response Team	DEMA SEOC Arizona DEM Military Affairs	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
DEMA CRT - HazMat Response Team	DEMA SEOC Arizona DEM Military Affairs	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA CRT - HazMat Response Team	DEMA SEOC Arizona DEM Military Affairs	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA CRT - HazMat Response Team	DEMA SEOC Arizona DEM Military Affairs	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DEMA CRT - HazMat Response Team	DEMA SEOC Arizona DEM Military Affairs	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA CRT - HazMat Response Team	DEMA SEOC Arizona DEM Military Affairs	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA CRT - HazMat Response Team	DEMA SEOC Arizona DEM Military Affairs	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA CRT - HazMat Response Team	DEMA SEOC Arizona DEM Military Affairs	resource deployment status	Existing	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
DEMA CRT - HazMat Response Team	DPS HazMat Team	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA CRT - HazMat Response Team	DPS HazMat Team	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA CRT - HazMat Response Team	DPS HazMat Team	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA CRT - HazMat Response Team	DPS HazMat Team	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA CRT - HazMat Response Team	DPS HazMat Team	resource deployment status	Existing	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
DEMA CRT - HazMat Response Team	DPS Network Operations Center - NOC	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA CRT - HazMat Response Team	Tribal Public Safety Dispatch	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA CRT - HazMat Response Team	Tribal Public Safety Dispatch	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
DEMA CRT - HazMat Response Team	Tribal Public Safety Dispatch	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA CRT - HazMat Response Team	Tribal Public Safety Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA CRT - HazMat Response Team	Tribal Public Safety Dispatch	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DEMA CRT - HazMat Response Team	Tribal Public Safety Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA CRT - HazMat Response Team	Tribal Public Safety Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA CRT - HazMat Response Team	Tribal Public Safety Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA Data Archive	ADOT Incident Response Unit (IRU)	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
DEMA Data Archive	Archive Data Users	archived data products	Existing	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA Data Archive	DEMA Data User Systems	archived data products	Existing	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
DEMA Data Archive	DEMA SEOC Arizona DEM Military Affairs	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
DEMA Data Archive	DPS Central Communications Center	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
DEMA Data Archive	DPS Commercial Vehicle Enforcement	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
DEMA Data Archive	DPS Data Archive	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
DEMA Data Archive	DPS Data User Systems	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
DEMA Data Archive	International Fuel Tax Agreement (IFTA) Clearinghouse	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
DEMA Data Archive	POE Administration Center	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
DEMA Data Archive	POE Data Archive	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
DEMA Data Archive	POE Data User and ISP Systems	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
DEMA Data User Systems	ADOT Motor Vehicle Division (MVD) Database	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
DEMA Data User Systems	DEMA Data Archive	archived data product requests	Existing	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
DEMA Data User Systems	DPS Data Archive	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA Emergency Alert System	ADOT DEOC-Dept EM Ops Center	alerts and advisories	Existing	Assessments (general incident and vulnerability awareness information), advisories (identification of threats or recommendations to increase preparedness levels), and alerts (information on imminent or in-progress emergencies). This flow also provides supporting descriptive detail on incidents, threats, and vulnerabilities to increase preparedness and support effective response to threats against the surface transportation system.
DEMA Emergency Alert System	ADOT DEOC-Dept EM Ops Center	threat support data	Planned	Information provided to help receiving agency identify possible threats, including biometric image processing support data.
DEMA Emergency Alert System	ADOT ECD Dispatch	alerts and advisories	Planned	Assessments (general incident and vulnerability awareness information), advisories (identification of threats or recommendations to increase preparedness levels), and alerts (information on imminent or in-progress emergencies). This flow also provides supporting descriptive detail on incidents, threats, and vulnerabilities to increase preparedness and support effective response to threats against the surface transportation system.
DEMA Emergency Alert System	ADOT TOC and EMC	alerts and advisories	Existing	Assessments (general incident and vulnerability awareness information), advisories (identification of threats or recommendations to increase preparedness levels), and alerts (information on imminent or in-progress emergencies). This flow also provides supporting descriptive detail on incidents, threats, and vulnerabilities to increase preparedness and support effective response to threats against the surface transportation system.
DEMA Emergency Alert System	ADOT TOC and EMC	threat support data	Planned	Information provided to help receiving agency identify possible threats, including biometric image processing support data.
DEMA Emergency Alert System	CHP Dispatch	alerts and advisories	Existing	Assessments (general incident and vulnerability awareness information), advisories (identification of threats or recommendations to increase preparedness levels), and alerts (information on imminent or in-progress emergencies). This flow also provides supporting descriptive detail on incidents, threats, and vulnerabilities to increase preparedness and support effective response to threats against the surface transportation system.
DEMA Emergency Alert System	Cities and Towns Police and Fire Dispatch	alerts and advisories	Existing	Assessments (general incident and vulnerability awareness information), advisories (identification of threats or recommendations to increase preparedness levels), and alerts (information on imminent or in-progress emergencies). This flow also provides supporting descriptive detail on incidents, threats, and vulnerabilities to increase preparedness and support effective response to threats against the surface transportation system.
DEMA Emergency Alert System	County EMC-EOC	alerts and advisories	Existing	Assessments (general incident and vulnerability awareness information), advisories (identification of threats or recommendations to increase preparedness levels), and alerts (information on imminent or in-progress emergencies). This flow also provides supporting descriptive detail on incidents, threats, and vulnerabilities to increase preparedness and support effective response to threats against the surface transportation system.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA Emergency Alert System	County Sheriff Dispatch	alerts and advisories	Planned	Assessments (general incident and vulnerability awareness information), advisories (identification of threats or recommendations to increase preparedness levels), and alerts (information on imminent or in-progress emergencies). This flow also provides supporting descriptive detail on incidents, threats, and vulnerabilities to increase preparedness and support effective response to threats against the surface transportation system.
DEMA Emergency Alert System	DEMA CRT - HazMat Response Team	alerts and advisories	Existing	Assessments (general incident and vulnerability awareness information), advisories (identification of threats or recommendations to increase preparedness levels), and alerts (information on imminent or in-progress emergencies). This flow also provides supporting descriptive detail on incidents, threats, and vulnerabilities to increase preparedness and support effective response to threats against the surface transportation system.
DEMA Emergency Alert System	DEMA SEOC Arizona DEM Military Affairs	alerts and advisories	Existing	Assessments (general incident and vulnerability awareness information), advisories (identification of threats or recommendations to increase preparedness levels), and alerts (information on imminent or in-progress emergencies). This flow also provides supporting descriptive detail on incidents, threats, and vulnerabilities to increase preparedness and support effective response to threats against the surface transportation system.
DEMA Emergency Alert System	DPS Central Communications Center	alerts and advisories	Existing	Assessments (general incident and vulnerability awareness information), advisories (identification of threats or recommendations to increase preparedness levels), and alerts (information on imminent or in-progress emergencies). This flow also provides supporting descriptive detail on incidents, threats, and vulnerabilities to increase preparedness and support effective response to threats against the surface transportation system.
DEMA Emergency Alert System	DPS Central Communications Center	threat support data	Planned	Information provided to help receiving agency identify possible threats, including biometric image processing support data.
DEMA Emergency Alert System	Maricopa County EOC	alerts and advisories	Existing	Assessments (general incident and vulnerability awareness information), advisories (identification of threats or recommendations to increase preparedness levels), and alerts (information on imminent or in-progress emergencies). This flow also provides supporting descriptive detail on incidents, threats, and vulnerabilities to increase preparedness and support effective response to threats against the surface transportation system.
DEMA Emergency Alert System	Mexico Customs and Border Patrol	alerts and advisories	Planned	Assessments (general incident and vulnerability awareness information), advisories (identification of threats or recommendations to increase preparedness levels), and alerts (information on imminent or in-progress emergencies). This flow also provides supporting descriptive detail on incidents, threats, and vulnerabilities to increase preparedness and support effective response to threats against the surface transportation system.
DEMA Emergency Alert System	Mexico Public Safety	alerts and advisories	Planned	Assessments (general incident and vulnerability awareness information), advisories (identification of threats or recommendations to increase preparedness levels), and alerts (information on imminent or in-progress emergencies). This flow also provides supporting descriptive detail on incidents, threats, and vulnerabilities to increase preparedness and support effective response to threats against the surface transportation system.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA Emergency Alert System	Mexico Regional Maintenance Section	alerts and advisories	Planned	Assessments (general incident and vulnerability awareness information), advisories (identification of threats or recommendations to increase preparedness levels), and alerts (information on imminent or in-progress emergencies). This flow also provides supporting descriptive detail on incidents, threats, and vulnerabilities to increase preparedness and support effective response to threats against the surface transportation system.
DEMA Emergency Alert System	Mexico Regional TMC	alerts and advisories	Planned	Assessments (general incident and vulnerability awareness information), advisories (identification of threats or recommendations to increase preparedness levels), and alerts (information on imminent or in-progress emergencies). This flow also provides supporting descriptive detail on incidents, threats, and vulnerabilities to increase preparedness and support effective response to threats against the surface transportation system.
DEMA Emergency Alert System	Nevada State Police Dispatch	alerts and advisories	Planned	Assessments (general incident and vulnerability awareness information), advisories (identification of threats or recommendations to increase preparedness levels), and alerts (information on imminent or in-progress emergencies). This flow also provides supporting descriptive detail on incidents, threats, and vulnerabilities to increase preparedness and support effective response to threats against the surface transportation system.
DEMA Emergency Alert System	Tribal Public Safety Dispatch	alerts and advisories	Existing	Assessments (general incident and vulnerability awareness information), advisories (identification of threats or recommendations to increase preparedness levels), and alerts (information on imminent or in-progress emergencies). This flow also provides supporting descriptive detail on incidents, threats, and vulnerabilities to increase preparedness and support effective response to threats against the surface transportation system.
DEMA Emergency Alert System	US Border Patrol Dispatch	alerts and advisories	Existing	Assessments (general incident and vulnerability awareness information), advisories (identification of threats or recommendations to increase preparedness levels), and alerts (information on imminent or in-progress emergencies). This flow also provides supporting descriptive detail on incidents, threats, and vulnerabilities to increase preparedness and support effective response to threats against the surface transportation system.
DEMA Emergency Alert System	Utah State Police Dispatch	alerts and advisories	Planned	Assessments (general incident and vulnerability awareness information), advisories (identification of threats or recommendations to increase preparedness levels), and alerts (information on imminent or in-progress emergencies). This flow also provides supporting descriptive detail on incidents, threats, and vulnerabilities to increase preparedness and support effective response to threats against the surface transportation system.
DEMA Enforcement	ADOT DEOC-Dept EM Ops Center	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA Enforcement	ADOT DEOC-Dept EM Ops Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA Enforcement	ADOT DEOC-Dept EM Ops Center	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA Enforcement	ADOT DEOC-Dept EM Ops Center	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA Enforcement	ADOT DEOC-Dept EM Ops Center	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA Enforcement	ADOT DEOC-Dept EM Ops Center	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA Enforcement	ADOT DEOC-Dept EM Ops Center	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA Enforcement	ADOT DEOC-Dept EM Ops Center	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA Enforcement	ADOT DEOC-Dept EM Ops Center	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA Enforcement	ADOT ECD CVO Administration Center	targeted list	Existing	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.
DEMA Enforcement	ADOT ECD Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA Enforcement	ADOT ECD Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA Enforcement	ADOT ECD Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA Enforcement	ADOT ECD Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA Enforcement	ADOT ECD Dispatch	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA Enforcement	ADOT ECD Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA Enforcement	ADOT ECD Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA Enforcement	ADOT ECD Dispatch	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA Enforcement	ADOT ECD Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA Enforcement	ADOT MVD Commercial Vehicle Administration	targeted list	Existing	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.
DEMA Enforcement	ADOT TOC and EMC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA Enforcement	ADOT TOC and EMC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA Enforcement	ADOT TOC and EMC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA Enforcement	ADOT TOC and EMC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA Enforcement	ADOT TOC and EMC	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA Enforcement	ADOT TOC and EMC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA Enforcement	ADOT TOC and EMC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA Enforcement	ADOT TOC and EMC	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA Enforcement	ADOT TOC and EMC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA Enforcement	CHP Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA Enforcement	CHP Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA Enforcement	CHP Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA Enforcement	CHP Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA Enforcement	CHP Dispatch	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA Enforcement	CHP Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA Enforcement	CHP Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA Enforcement	CHP Dispatch	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA Enforcement	CHP Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA Enforcement	Cities and Towns Police and Fire Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA Enforcement	Cities and Towns Police and Fire Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA Enforcement	Cities and Towns Police and Fire Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA Enforcement	Cities and Towns Police and Fire Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA Enforcement	Cities and Towns Police and Fire Dispatch	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA Enforcement	Cities and Towns Police and Fire Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA Enforcement	Cities and Towns Police and Fire Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA Enforcement	Cities and Towns Police and Fire Dispatch	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA Enforcement	Cities and Towns Police and Fire Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA Enforcement	County EMC-EOC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA Enforcement	County EMC-EOC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA Enforcement	County EMC-EOC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA Enforcement	County EMC-EOC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA Enforcement	County EMC-EOC	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA Enforcement	County EMC-EOC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA Enforcement	County EMC-EOC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA Enforcement	County EMC-EOC	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA Enforcement	County EMC-EOC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA Enforcement	County Sheriff Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA Enforcement	County Sheriff Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA Enforcement	County Sheriff Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA Enforcement	County Sheriff Dispatch	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA Enforcement	County Sheriff Dispatch	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA Enforcement	County Sheriff Dispatch	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA Enforcement	County Sheriff Dispatch	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA Enforcement	County Sheriff Dispatch	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA Enforcement	County Sheriff Dispatch	transportation system status	Existing	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA Enforcement	DEMA SEOC Arizona DEM Military Affairs	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA Enforcement	DEMA SEOC Arizona DEM Military Affairs	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA Enforcement	DEMA SEOC Arizona DEM Military Affairs	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA Enforcement	DEMA SEOC Arizona DEM Military Affairs	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA Enforcement	DEMA SEOC Arizona DEM Military Affairs	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA Enforcement	DEMA SEOC Arizona DEM Military Affairs	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA Enforcement	DEMA SEOC Arizona DEM Military Affairs	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA Enforcement	DEMA SEOC Arizona DEM Military Affairs	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA Enforcement	DEMA SEOC Arizona DEM Military Affairs	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA Enforcement	DPS Central Communications Center	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA Enforcement	DPS Central Communications Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA Enforcement	DPS Central Communications Center	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA Enforcement	DPS Central Communications Center	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA Enforcement	DPS Central Communications Center	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA Enforcement	DPS Central Communications Center	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA Enforcement	DPS Central Communications Center	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA Enforcement	DPS Central Communications Center	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA Enforcement	DPS Central Communications Center	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA Enforcement	DPS Roadside Safety Inspection	information on violators	Existing	Information on violators provided by a law enforcement agency. May include information about commercial vehicle violations or other kinds of violations associated with the particular entity. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DEMA Enforcement	International Fuel Tax Agreement (IFTA) Clearinghouse	targeted list	Existing	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA Enforcement	Maricopa County EOC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA Enforcement	Maricopa County EOC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA Enforcement	Maricopa County EOC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA Enforcement	Maricopa County EOC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA Enforcement	Maricopa County EOC	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA Enforcement	Maricopa County EOC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA Enforcement	Maricopa County EOC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA Enforcement	Maricopa County EOC	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA Enforcement	Maricopa County EOC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA Enforcement	Mexico Customs and Border Patrol	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA Enforcement	Mexico Customs and Border Patrol	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA Enforcement	Mexico Customs and Border Patrol	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA Enforcement	Mexico Customs and Border Patrol	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA Enforcement	Mexico Customs and Border Patrol	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA Enforcement	Mexico Customs and Border Patrol	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA Enforcement	Mexico Customs and Border Patrol	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA Enforcement	Mexico Customs and Border Patrol	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA Enforcement	Mexico Customs and Border Patrol	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA Enforcement	Mexico Public Safety	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA Enforcement	Mexico Public Safety	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA Enforcement	Mexico Public Safety	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA Enforcement	Mexico Public Safety	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA Enforcement	Mexico Public Safety	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA Enforcement	Mexico Public Safety	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA Enforcement	Mexico Public Safety	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA Enforcement	Mexico Public Safety	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA Enforcement	Mexico Public Safety	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA Enforcement	Nevada State Police Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA Enforcement	Nevada State Police Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA Enforcement	Nevada State Police Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA Enforcement	Nevada State Police Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA Enforcement	Nevada State Police Dispatch	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA Enforcement	Nevada State Police Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA Enforcement	Nevada State Police Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA Enforcement	Nevada State Police Dispatch	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA Enforcement	Nevada State Police Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA Enforcement	Safety Fitness Electronic Record (SAFER)	targeted list	Existing	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.
DEMA Enforcement	Tribal Public Safety Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA Enforcement	Tribal Public Safety Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA Enforcement	Tribal Public Safety Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA Enforcement	Tribal Public Safety Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA Enforcement	Tribal Public Safety Dispatch	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA Enforcement	Tribal Public Safety Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA Enforcement	Tribal Public Safety Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA Enforcement	Tribal Public Safety Dispatch	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA Enforcement	Tribal Public Safety Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA Enforcement	US Border Patrol Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA Enforcement	US Border Patrol Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA Enforcement	US Border Patrol Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA Enforcement	US Border Patrol Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA Enforcement	US Border Patrol Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA Enforcement	US Border Patrol Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA Enforcement	US Border Patrol Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA Enforcement	Utah State Police Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA Enforcement	Utah State Police Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA Enforcement	Utah State Police Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA Enforcement	Utah State Police Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA Enforcement	Utah State Police Dispatch	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA Enforcement	Utah State Police Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA Enforcement	Utah State Police Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA Enforcement	Utah State Police Dispatch	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA Enforcement	Utah State Police Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA National Guard Vehicles	DEMA SEOC Arizona DEM Military Affairs	emergency dispatch response	Existing	Request for additional emergency dispatch information and provision of en route status.
DEMA National Guard Vehicles	DEMA SEOC Arizona DEM Military Affairs	emergency vehicle tracking data	Existing	The current location and operating status of the emergency vehicle.
DEMA SEOC Arizona DEM Military Affairs	ADOT DEOC-Dept EM Ops Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
DEMA SEOC Arizona DEM Military Affairs	ADOT DEOC-Dept EM Ops Center	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA SEOC Arizona DEM Military Affairs	ADOT DEOC-Dept EM Ops Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA SEOC Arizona DEM Military Affairs	ADOT DEOC-Dept EM Ops Center	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
DEMA SEOC Arizona DEM Military Affairs	ADOT DEOC-Dept EM Ops Center	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA SEOC Arizona DEM Military Affairs	ADOT DEOC-Dept EM Ops Center	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
DEMA SEOC Arizona DEM Military Affairs	ADOT DEOC-Dept EM Ops Center	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA SEOC Arizona DEM Military Affairs	ADOT DEOC-Dept EM Ops Center	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DEMA SEOC Arizona DEM Military Affairs	ADOT DEOC-Dept EM Ops Center	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA SEOC Arizona DEM Military Affairs	ADOT DEOC-Dept EM Ops Center	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA SEOC Arizona DEM Military Affairs	ADOT DEOC-Dept EM Ops Center	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
DEMA SEOC Arizona DEM Military Affairs	ADOT DEOC-Dept EM Ops Center	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA SEOC Arizona DEM Military Affairs	ADOT DEOC-Dept EM Ops Center	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
DEMA SEOC Arizona DEM Military Affairs	ADOT DEOC-Dept EM Ops Center	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
DEMA SEOC Arizona DEM Military Affairs	ADOT DEOC-Dept EM Ops Center	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA SEOC Arizona DEM Military Affairs	ADOT DEOC-Dept EM Ops Center	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA SEOC Arizona DEM Military Affairs	ADOT ECD Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA SEOC Arizona DEM Military Affairs	ADOT ECD Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA SEOC Arizona DEM Military Affairs	ADOT ECD Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA SEOC Arizona DEM Military Affairs	ADOT ECD Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA SEOC Arizona DEM Military Affairs	ADOT ECD Dispatch	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA SEOC Arizona DEM Military Affairs	ADOT ECD Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA SEOC Arizona DEM Military Affairs	ADOT ECD Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA SEOC Arizona DEM Military Affairs	ADOT ECD Dispatch	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA SEOC Arizona DEM Military Affairs	ADOT ECD Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA SEOC Arizona DEM Military Affairs	ADOT Motor Vehicle Division (MVD) Database	emergency archive data	Planned	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA SEOC Arizona DEM Military Affairs	ADOT TOC and EMC	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
DEMA SEOC Arizona DEM Military Affairs	ADOT TOC and EMC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA SEOC Arizona DEM Military Affairs	ADOT TOC and EMC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA SEOC Arizona DEM Military Affairs	ADOT TOC and EMC	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
DEMA SEOC Arizona DEM Military Affairs	ADOT TOC and EMC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA SEOC Arizona DEM Military Affairs	ADOT TOC and EMC	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
DEMA SEOC Arizona DEM Military Affairs	ADOT TOC and EMC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA SEOC Arizona DEM Military Affairs	ADOT TOC and EMC	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DEMA SEOC Arizona DEM Military Affairs	ADOT TOC and EMC	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA SEOC Arizona DEM Military Affairs	ADOT TOC and EMC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA SEOC Arizona DEM Military Affairs	ADOT TOC and EMC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
DEMA SEOC Arizona DEM Military Affairs	ADOT TOC and EMC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA SEOC Arizona DEM Military Affairs	ADOT TOC and EMC	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
DEMA SEOC Arizona DEM Military Affairs	ADOT TOC and EMC	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc).
DEMA SEOC Arizona DEM Military Affairs	ADOT TOC and EMC	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA SEOC Arizona DEM Military Affairs	ADOT TOC and EMC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA SEOC Arizona DEM Military Affairs	CHP Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA SEOC Arizona DEM Military Affairs	CHP Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA SEOC Arizona DEM Military Affairs	CHP Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.

Information Flows – Tabular Format (sorted by Source Element)

RAD-IT Table

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA SEOC Arizona DEM Military Affairs	CHP Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA SEOC Arizona DEM Military Affairs	CHP Dispatch	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA SEOC Arizona DEM Military Affairs	CHP Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA SEOC Arizona DEM Military Affairs	CHP Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA SEOC Arizona DEM Military Affairs	CHP Dispatch	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA SEOC Arizona DEM Military Affairs	CHP Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA SEOC Arizona DEM Military Affairs	Cities and Towns Police and Fire Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA SEOC Arizona DEM Military Affairs	Cities and Towns Police and Fire Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA SEOC Arizona DEM Military Affairs	Cities and Towns Police and Fire Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA SEOC Arizona DEM Military Affairs	Cities and Towns Police and Fire Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA SEOC Arizona DEM Military Affairs	Cities and Towns Police and Fire Dispatch	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA SEOC Arizona DEM Military Affairs	Cities and Towns Police and Fire Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA SEOC Arizona DEM Military Affairs	Cities and Towns Police and Fire Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA SEOC Arizona DEM Military Affairs	Cities and Towns Police and Fire Dispatch	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA SEOC Arizona DEM Military Affairs	Cities and Towns Police and Fire Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA SEOC Arizona DEM Military Affairs	Cities and Towns TMC-TOC	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
DEMA SEOC Arizona DEM Military Affairs	Cities and Towns TMC-TOC	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA SEOC Arizona DEM Military Affairs	Cities and Towns TMC-TOC	emergency traffic control request	Planned	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
DEMA SEOC Arizona DEM Military Affairs	Cities and Towns TMC-TOC	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA SEOC Arizona DEM Military Affairs	Cities and Towns TMC-TOC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DEMA SEOC Arizona DEM Military Affairs	Cities and Towns TMC-TOC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
DEMA SEOC Arizona DEM Military Affairs	Cities and Towns TMC-TOC	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
DEMA SEOC Arizona DEM Military Affairs	Cities and Towns TMC-TOC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA SEOC Arizona DEM Military Affairs	County 911 PSAPs	incident information for public	Existing	Report of current desensitized incident information prepared for public dissemination.
DEMA SEOC Arizona DEM Military Affairs	County EMC-EOC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA SEOC Arizona DEM Military Affairs	County EMC-EOC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA SEOC Arizona DEM Military Affairs	County EMC-EOC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA SEOC Arizona DEM Military Affairs	County EMC-EOC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA SEOC Arizona DEM Military Affairs	County EMC-EOC	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA SEOC Arizona DEM Military Affairs	County EMC-EOC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA SEOC Arizona DEM Military Affairs	County EMC-EOC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA SEOC Arizona DEM Military Affairs	County EMC-EOC	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA SEOC Arizona DEM Military Affairs	County EMC-EOC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA SEOC Arizona DEM Military Affairs	County Sheriff Dispatch	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA SEOC Arizona DEM Military Affairs	County Sheriff Dispatch	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA SEOC Arizona DEM Military Affairs	County Sheriff Dispatch	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA SEOC Arizona DEM Military Affairs	County Sheriff Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA SEOC Arizona DEM Military Affairs	County Sheriff Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA SEOC Arizona DEM Military Affairs	County Sheriff Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA SEOC Arizona DEM Military Affairs	County Sheriff Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA SEOC Arizona DEM Military Affairs	County Sheriff Dispatch	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA SEOC Arizona DEM Military Affairs	County Sheriff Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA SEOC Arizona DEM Military Affairs	DEMA CRT - HazMat Response Team	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
DEMA SEOC Arizona DEM Military Affairs	DEMA CRT - HazMat Response Team	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA SEOC Arizona DEM Military Affairs	DEMA CRT - HazMat Response Team	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA SEOC Arizona DEM Military Affairs	DEMA CRT - HazMat Response Team	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA SEOC Arizona DEM Military Affairs	DEMA CRT - HazMat Response Team	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DEMA SEOC Arizona DEM Military Affairs	DEMA CRT - HazMat Response Team	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA SEOC Arizona DEM Military Affairs	DEMA CRT - HazMat Response Team	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA SEOC Arizona DEM Military Affairs	DEMA CRT - HazMat Response Team	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
DEMA SEOC Arizona DEM Military Affairs	DEMA CRT - HazMat Response Team	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA SEOC Arizona DEM Military Affairs	DEMA CRT - HazMat Response Team	resource request	Existing	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
DEMA SEOC Arizona DEM Military Affairs	DEMA Data Archive	emergency archive data	Existing	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
DEMA SEOC Arizona DEM Military Affairs	DEMA Enforcement	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA SEOC Arizona DEM Military Affairs	DEMA Enforcement	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA SEOC Arizona DEM Military Affairs	DEMA Enforcement	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA SEOC Arizona DEM Military Affairs	DEMA Enforcement	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA SEOC Arizona DEM Military Affairs	DEMA Enforcement	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA SEOC Arizona DEM Military Affairs	DEMA Enforcement	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA SEOC Arizona DEM Military Affairs	DEMA Enforcement	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA SEOC Arizona DEM Military Affairs	DEMA Enforcement	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA SEOC Arizona DEM Military Affairs	DEMA Enforcement	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA SEOC Arizona DEM Military Affairs	DEMA National Guard Vehicles	emergency dispatch requests	Existing	Emergency vehicle dispatch instructions including incident location and available information concerning the incident.
DEMA SEOC Arizona DEM Military Affairs	DEMA WebEOC System	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA SEOC Arizona DEM Military Affairs	DEMA WebEOC System	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA SEOC Arizona DEM Military Affairs	DEMA WebEOC System	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA SEOC Arizona DEM Military Affairs	DEMA WebEOC System	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA SEOC Arizona DEM Military Affairs	DEMA WebEOC System	incident information for public	Existing	Report of current desensitized incident information prepared for public dissemination.
DEMA SEOC Arizona DEM Military Affairs	DEMA WebEOC System	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA SEOC Arizona DEM Military Affairs	DEMA WebEOC System	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA SEOC Arizona DEM Military Affairs	DEMA WebEOC System	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA SEOC Arizona DEM Military Affairs	DEMA WebEOC System	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA SEOC Arizona DEM Military Affairs	DEMA WebEOC System	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA SEOC Arizona DEM Military Affairs	DPS Central Communications Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
DEMA SEOC Arizona DEM Military Affairs	DPS Central Communications Center	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA SEOC Arizona DEM Military Affairs	DPS Central Communications Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA SEOC Arizona DEM Military Affairs	DPS Central Communications Center	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
DEMA SEOC Arizona DEM Military Affairs	DPS Central Communications Center	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.

Information Flows – Tabular Format (sorted by Source Element)

RAD-IT Table

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA SEOC Arizona DEM Military Affairs	DPS Central Communications Center	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
DEMA SEOC Arizona DEM Military Affairs	DPS Central Communications Center	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA SEOC Arizona DEM Military Affairs	DPS Central Communications Center	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DEMA SEOC Arizona DEM Military Affairs	DPS Central Communications Center	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA SEOC Arizona DEM Military Affairs	DPS Central Communications Center	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA SEOC Arizona DEM Military Affairs	DPS Central Communications Center	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
DEMA SEOC Arizona DEM Military Affairs	DPS Central Communications Center	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA SEOC Arizona DEM Military Affairs	DPS Central Communications Center	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
DEMA SEOC Arizona DEM Military Affairs	DPS Central Communications Center	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
DEMA SEOC Arizona DEM Military Affairs	DPS Central Communications Center	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA SEOC Arizona DEM Military Affairs	DPS Central Communications Center	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA SEOC Arizona DEM Military Affairs	DPS Console Interface (Other LE)	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA SEOC Arizona DEM Military Affairs	DPS Console Interface (Other LE)	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA SEOC Arizona DEM Military Affairs	DPS Console Interface (Other LE)	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA SEOC Arizona DEM Military Affairs	DPS Console Interface (Other LE)	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA SEOC Arizona DEM Military Affairs	DPS Console Interface (Other LE)	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA SEOC Arizona DEM Military Affairs	DPS Console Interface (Other LE)	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA SEOC Arizona DEM Military Affairs	DPS Console Interface (Other LE)	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA SEOC Arizona DEM Military Affairs	DPS Console Interface (Other LE)	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA SEOC Arizona DEM Military Affairs	DPS Console Interface (Other LE)	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA SEOC Arizona DEM Military Affairs	Independent School District Bus Dispatch	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
DEMA SEOC Arizona DEM Military Affairs	Independent School District Bus Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA SEOC Arizona DEM Military Affairs	Independent School District Bus Dispatch	emergency transit service request	Existing	Request to modify transit service and fare schedules to address emergencies, including requests for transit services to evacuate people from and/or deploy response agency personnel to an emergency scene. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of transit resources.
DEMA SEOC Arizona DEM Military Affairs	Independent School District Bus Dispatch	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
DEMA SEOC Arizona DEM Military Affairs	Independent School District Bus Dispatch	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DEMA SEOC Arizona DEM Military Affairs	Independent School District Bus Dispatch	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
DEMA SEOC Arizona DEM Military Affairs	Independent School District Bus Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA SEOC Arizona DEM Military Affairs	Local Dial-A-Ride Transit Dispatchers	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA SEOC Arizona DEM Military Affairs	Local Dial-A-Ride Transit Dispatchers	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA SEOC Arizona DEM Military Affairs	Local Dial-A-Ride Transit Dispatchers	emergency transit service request	Existing	Request to modify transit service and fare schedules to address emergencies, including requests for transit services to evacuate people from and/or deploy response agency personnel to an emergency scene. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of transit resources.
DEMA SEOC Arizona DEM Military Affairs	Local Dial-A-Ride Transit Dispatchers	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
DEMA SEOC Arizona DEM Military Affairs	Local Dial-A-Ride Transit Dispatchers	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DEMA SEOC Arizona DEM Military Affairs	Local Dial-A-Ride Transit Dispatchers	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
DEMA SEOC Arizona DEM Military Affairs	Local Dial-A-Ride Transit Dispatchers	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA SEOC Arizona DEM Military Affairs	Local Print and Broadcast Media	incident information for media	Existing	Report of current desensitized incident information prepared for public dissemination through the media.
DEMA SEOC Arizona DEM Military Affairs	Maricopa County EOC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA SEOC Arizona DEM Military Affairs	Maricopa County EOC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA SEOC Arizona DEM Military Affairs	Maricopa County EOC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.

Information Flows – Tabular Format (sorted by Source Element)

RAD-IT Table

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA SEOC Arizona DEM Military Affairs	Maricopa County EOC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA SEOC Arizona DEM Military Affairs	Maricopa County EOC	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA SEOC Arizona DEM Military Affairs	Maricopa County EOC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA SEOC Arizona DEM Military Affairs	Maricopa County EOC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA SEOC Arizona DEM Military Affairs	Maricopa County EOC	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA SEOC Arizona DEM Military Affairs	Maricopa County EOC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA SEOC Arizona DEM Military Affairs	Mexico Customs and Border Patrol	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA SEOC Arizona DEM Military Affairs	Mexico Customs and Border Patrol	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA SEOC Arizona DEM Military Affairs	Mexico Customs and Border Patrol	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA SEOC Arizona DEM Military Affairs	Mexico Customs and Border Patrol	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA SEOC Arizona DEM Military Affairs	Mexico Customs and Border Patrol	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA SEOC Arizona DEM Military Affairs	Mexico Customs and Border Patrol	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA SEOC Arizona DEM Military Affairs	Mexico Customs and Border Patrol	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA SEOC Arizona DEM Military Affairs	Mexico Customs and Border Patrol	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA SEOC Arizona DEM Military Affairs	Mexico Customs and Border Patrol	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA SEOC Arizona DEM Military Affairs	Mexico Public Safety	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA SEOC Arizona DEM Military Affairs	Mexico Public Safety	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA SEOC Arizona DEM Military Affairs	Mexico Public Safety	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA SEOC Arizona DEM Military Affairs	Mexico Public Safety	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA SEOC Arizona DEM Military Affairs	Mexico Public Safety	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA SEOC Arizona DEM Military Affairs	Mexico Public Safety	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA SEOC Arizona DEM Military Affairs	Mexico Public Safety	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA SEOC Arizona DEM Military Affairs	Mexico Public Safety	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA SEOC Arizona DEM Military Affairs	Mexico Public Safety	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA SEOC Arizona DEM Military Affairs	Mexico Regional Maintenance Section	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA SEOC Arizona DEM Military Affairs	Mexico Regional Maintenance Section	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
DEMA SEOC Arizona DEM Military Affairs	Mexico Regional Maintenance Section	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DEMA SEOC Arizona DEM Military Affairs	Mexico Regional Maintenance Section	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
DEMA SEOC Arizona DEM Military Affairs	Mexico Regional Maintenance Section	maint and constr resource request	Planned	Request for road maintenance and construction resources that can be used in the diversion of traffic (cones, portable signs), clearance of a road hazard, repair of ancillary damage, or any other incident response. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of resources.
DEMA SEOC Arizona DEM Military Affairs	Mexico Regional Maintenance Section	threat information	Planned	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
DEMA SEOC Arizona DEM Military Affairs	Mexico Regional Maintenance Section	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA SEOC Arizona DEM Military Affairs	Mexico Regional TMC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA SEOC Arizona DEM Military Affairs	Mexico Regional TMC	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
DEMA SEOC Arizona DEM Military Affairs	Mexico Regional TMC	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
DEMA SEOC Arizona DEM Military Affairs	Mexico Regional TMC	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DEMA SEOC Arizona DEM Military Affairs	Mexico Regional TMC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
DEMA SEOC Arizona DEM Military Affairs	Mexico Regional TMC	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
DEMA SEOC Arizona DEM Military Affairs	Mexico Regional TMC	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
DEMA SEOC Arizona DEM Military Affairs	Mexico Regional TMC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA SEOC Arizona DEM Military Affairs	NAIPTA (dba Mountain Line) Paratransit	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA SEOC Arizona DEM Military Affairs	NAIPTA (dba Mountain Line) Paratransit	emergency transit service request	Existing	Request to modify transit service and fare schedules to address emergencies, including requests for transit services to evacuate people from and/or deploy response agency personnel to an emergency scene. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of transit resources.
DEMA SEOC Arizona DEM Military Affairs	NAIPTA (dba Mountain Line) Paratransit	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
DEMA SEOC Arizona DEM Military Affairs	NAIPTA (dba Mountain Line) Paratransit	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DEMA SEOC Arizona DEM Military Affairs	NAIPTA (dba Mountain Line) Paratransit	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
DEMA SEOC Arizona DEM Military Affairs	NAIPTA (dba Mountain Line) Paratransit	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA SEOC Arizona DEM Military Affairs	Nevada State Police Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA SEOC Arizona DEM Military Affairs	Nevada State Police Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA SEOC Arizona DEM Military Affairs	Nevada State Police Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA SEOC Arizona DEM Military Affairs	Nevada State Police Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA SEOC Arizona DEM Military Affairs	Nevada State Police Dispatch	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA SEOC Arizona DEM Military Affairs	Nevada State Police Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA SEOC Arizona DEM Military Affairs	Nevada State Police Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA SEOC Arizona DEM Military Affairs	Nevada State Police Dispatch	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA SEOC Arizona DEM Military Affairs	Nevada State Police Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA SEOC Arizona DEM Military Affairs	New Mexico State Police Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA SEOC Arizona DEM Military Affairs	New Mexico State Police Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA SEOC Arizona DEM Military Affairs	New Mexico State Police Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA SEOC Arizona DEM Military Affairs	New Mexico State Police Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA SEOC Arizona DEM Military Affairs	New Mexico State Police Dispatch	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA SEOC Arizona DEM Military Affairs	New Mexico State Police Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA SEOC Arizona DEM Military Affairs	New Mexico State Police Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA SEOC Arizona DEM Military Affairs	New Mexico State Police Dispatch	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA SEOC Arizona DEM Military Affairs	New Mexico State Police Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA SEOC Arizona DEM Military Affairs	POE Data Archive	emergency archive data	Planned	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
DEMA SEOC Arizona DEM Military Affairs	Railroad Operations Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA SEOC Arizona DEM Military Affairs	Railroad Operations Center	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA SEOC Arizona DEM Military Affairs	Social Media and Networking	alert notification for social media	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public via social media. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This version of the flow contains only publicly available information and is structured and formatted for publication on specific social media platforms and other public-facing sites.
DEMA SEOC Arizona DEM Military Affairs	Transit Providers Dispatch (Public and Private)	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
DEMA SEOC Arizona DEM Military Affairs	Transit Providers Dispatch (Public and Private)	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA SEOC Arizona DEM Military Affairs	Transit Providers Dispatch (Public and Private)	emergency transit service request	Existing	Request to modify transit service and fare schedules to address emergencies, including requests for transit services to evacuate people from and/or deploy response agency personnel to an emergency scene. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of transit resources.
DEMA SEOC Arizona DEM Military Affairs	Transit Providers Dispatch (Public and Private)	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
DEMA SEOC Arizona DEM Military Affairs	Transit Providers Dispatch (Public and Private)	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DEMA SEOC Arizona DEM Military Affairs	Transit Providers Dispatch (Public and Private)	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
DEMA SEOC Arizona DEM Military Affairs	Transit Providers Dispatch (Public and Private)	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA SEOC Arizona DEM Military Affairs	Tribal MCO Dispatch	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA SEOC Arizona DEM Military Affairs	Tribal MCO Dispatch	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
DEMA SEOC Arizona DEM Military Affairs	Tribal MCO Dispatch	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DEMA SEOC Arizona DEM Military Affairs	Tribal MCO Dispatch	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
DEMA SEOC Arizona DEM Military Affairs	Tribal MCO Dispatch	maint and constr resource request	Planned	Request for road maintenance and construction resources that can be used in the diversion of traffic (cones, portable signs), clearance of a road hazard, repair of ancillary damage, or any other incident response. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of resources.
DEMA SEOC Arizona DEM Military Affairs	Tribal MCO Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA SEOC Arizona DEM Military Affairs	Tribal Public Safety Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA SEOC Arizona DEM Military Affairs	Tribal Public Safety Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA SEOC Arizona DEM Military Affairs	Tribal Public Safety Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA SEOC Arizona DEM Military Affairs	Tribal Public Safety Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA SEOC Arizona DEM Military Affairs	Tribal Public Safety Dispatch	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA SEOC Arizona DEM Military Affairs	Tribal Public Safety Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA SEOC Arizona DEM Military Affairs	Tribal Public Safety Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA SEOC Arizona DEM Military Affairs	Tribal Public Safety Dispatch	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA SEOC Arizona DEM Military Affairs	Tribal Public Safety Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA SEOC Arizona DEM Military Affairs	Tribal TMC-TOC-TIC	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA SEOC Arizona DEM Military Affairs	Tribal TMC-TOC-TIC	emergency traffic control request	Planned	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
DEMA SEOC Arizona DEM Military Affairs	Tribal TMC-TOC-TIC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA SEOC Arizona DEM Military Affairs	Tribal TMC-TOC-TIC	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
DEMA SEOC Arizona DEM Military Affairs	Tribal Transit Centers	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA SEOC Arizona DEM Military Affairs	Tribal Transit Centers	emergency transit service request	Planned	Request to modify transit service and fare schedules to address emergencies, including requests for transit services to evacuate people from and/or deploy response agency personnel to an emergency scene. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of transit resources.
DEMA SEOC Arizona DEM Military Affairs	Tribal Transit Centers	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
DEMA SEOC Arizona DEM Military Affairs	Tribal Transit Centers	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DEMA SEOC Arizona DEM Military Affairs	Tribal Transit Centers	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
DEMA SEOC Arizona DEM Military Affairs	Tribal Transit Centers	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA SEOC Arizona DEM Military Affairs	US Border Patrol Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA SEOC Arizona DEM Military Affairs	US Border Patrol Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA SEOC Arizona DEM Military Affairs	US Border Patrol Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA SEOC Arizona DEM Military Affairs	US Border Patrol Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA SEOC Arizona DEM Military Affairs	US Border Patrol Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA SEOC Arizona DEM Military Affairs	US Border Patrol Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA SEOC Arizona DEM Military Affairs	US Border Patrol Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA SEOC Arizona DEM Military Affairs	Utah State Police Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA SEOC Arizona DEM Military Affairs	Utah State Police Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA SEOC Arizona DEM Military Affairs	Utah State Police Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA SEOC Arizona DEM Military Affairs	Utah State Police Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA SEOC Arizona DEM Military Affairs	Utah State Police Dispatch	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA SEOC Arizona DEM Military Affairs	Utah State Police Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA SEOC Arizona DEM Military Affairs	Utah State Police Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA SEOC Arizona DEM Military Affairs	Utah State Police Dispatch	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA SEOC Arizona DEM Military Affairs	Utah State Police Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA SEOC Arizona DEM Military Affairs	Yuma County Area Transit (YCAT)	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
DEMA SEOC Arizona DEM Military Affairs	Yuma County Area Transit (YCAT)	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA SEOC Arizona DEM Military Affairs	Yuma County Area Transit (YCAT)	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA SEOC Arizona DEM Military Affairs	Yuma County Area Transit (YCAT)	emergency transit service request	Existing	Request to modify transit service and fare schedules to address emergencies, including requests for transit services to evacuate people from and/or deploy response agency personnel to an emergency scene. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of transit resources.
DEMA SEOC Arizona DEM Military Affairs	Yuma County Area Transit (YCAT)	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA SEOC Arizona DEM Military Affairs	Yuma County Area Transit (YCAT)	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA SEOC Arizona DEM Military Affairs	Yuma County Area Transit (YCAT)	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA SEOC Arizona DEM Military Affairs	Yuma County Area Transit (YCAT)	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DEMA SEOC Arizona DEM Military Affairs	Yuma County Area Transit (YCAT)	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA SEOC Arizona DEM Military Affairs	Yuma County Area Transit (YCAT)	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
DEMA SEOC Arizona DEM Military Affairs	Yuma County Area Transit (YCAT)	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA SEOC Arizona DEM Military Affairs	Yuma County Area Transit (YCAT)	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA WebEOC System	ADOT DEOC-Dept EM Ops Center	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA WebEOC System	ADOT DEOC-Dept EM Ops Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA WebEOC System	ADOT DEOC-Dept EM Ops Center	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA WebEOC System	ADOT DEOC-Dept EM Ops Center	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA WebEOC System	ADOT DEOC-Dept EM Ops Center	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA WebEOC System	ADOT DEOC-Dept EM Ops Center	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA WebEOC System	ADOT DEOC-Dept EM Ops Center	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA WebEOC System	ADOT DEOC-Dept EM Ops Center	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA WebEOC System	ADOT DEOC-Dept EM Ops Center	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA WebEOC System	ADOT ECD Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA WebEOC System	ADOT ECD Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA WebEOC System	ADOT ECD Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.

Information Flows – Tabular Format (sorted by Source Element)

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Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA WebEOC System	ADOT ECD Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA WebEOC System	ADOT ECD Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA WebEOC System	ADOT ECD Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA WebEOC System	ADOT ECD Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA WebEOC System	ADOT ECD Dispatch	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA WebEOC System	ADOT ECD Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA WebEOC System	ADOT TOC and EMC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA WebEOC System	ADOT TOC and EMC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA WebEOC System	ADOT TOC and EMC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA WebEOC System	ADOT TOC and EMC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA WebEOC System	ADOT TOC and EMC	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA WebEOC System	ADOT TOC and EMC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA WebEOC System	ADOT TOC and EMC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA WebEOC System	ADOT TOC and EMC	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA WebEOC System	ADOT TOC and EMC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA WebEOC System	CHP Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA WebEOC System	CHP Dispatch	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA WebEOC System	CHP Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA WebEOC System	CHP Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA WebEOC System	CHP Dispatch	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA WebEOC System	CHP Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.

Information Flows – Tabular Format (sorted by Source Element)

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Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA WebEOC System	CHP Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA WebEOC System	CHP Dispatch	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA WebEOC System	CHP Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA WebEOC System	Cities and Towns EOC-EMC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA WebEOC System	Cities and Towns EOC-EMC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA WebEOC System	Cities and Towns EOC-EMC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA WebEOC System	Cities and Towns EOC-EMC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA WebEOC System	Cities and Towns EOC-EMC	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA WebEOC System	Cities and Towns EOC-EMC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA WebEOC System	Cities and Towns EOC-EMC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA WebEOC System	Cities and Towns EOC-EMC	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA WebEOC System	Cities and Towns EOC-EMC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA WebEOC System	Cities and Towns Police and Fire Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA WebEOC System	Cities and Towns Police and Fire Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA WebEOC System	Cities and Towns Police and Fire Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA WebEOC System	Cities and Towns Police and Fire Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA WebEOC System	Cities and Towns Police and Fire Dispatch	incident notification	Planned	The notification of an incident including its nature, severity, and location.
DEMA WebEOC System	Cities and Towns Police and Fire Dispatch	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA WebEOC System	Cities and Towns Police and Fire Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA WebEOC System	Cities and Towns Police and Fire Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA WebEOC System	Cities and Towns Police and Fire Dispatch	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA WebEOC System	Cities and Towns Police and Fire Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA WebEOC System	County EMC-EOC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA WebEOC System	County EMC-EOC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA WebEOC System	County EMC-EOC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA WebEOC System	County EMC-EOC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA WebEOC System	County EMC-EOC	incident notification	Planned	The notification of an incident including its nature, severity, and location.
DEMA WebEOC System	County EMC-EOC	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA WebEOC System	County EMC-EOC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA WebEOC System	County EMC-EOC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA WebEOC System	County EMC-EOC	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA WebEOC System	County EMC-EOC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Information Flows – Tabular Format (sorted by Source Element)

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Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA WebEOC System	County Sheriff Dispatch	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA WebEOC System	County Sheriff Dispatch	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA WebEOC System	County Sheriff Dispatch	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA WebEOC System	County Sheriff Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA WebEOC System	County Sheriff Dispatch	incident notification	Planned	The notification of an incident including its nature, severity, and location.
DEMA WebEOC System	County Sheriff Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA WebEOC System	County Sheriff Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA WebEOC System	County Sheriff Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA WebEOC System	County Sheriff Dispatch	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA WebEOC System	County Sheriff Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA WebEOC System	DEMA SEOC Arizona DEM Military Affairs	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA WebEOC System	DEMA SEOC Arizona DEM Military Affairs	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA WebEOC System	DEMA SEOC Arizona DEM Military Affairs	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA WebEOC System	DEMA SEOC Arizona DEM Military Affairs	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA WebEOC System	DEMA SEOC Arizona DEM Military Affairs	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA WebEOC System	DEMA SEOC Arizona DEM Military Affairs	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA WebEOC System	DEMA SEOC Arizona DEM Military Affairs	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA WebEOC System	DEMA SEOC Arizona DEM Military Affairs	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA WebEOC System	DEMA SEOC Arizona DEM Military Affairs	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA WebEOC System	DPS Central Communications Center	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA WebEOC System	DPS Central Communications Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA WebEOC System	DPS Central Communications Center	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA WebEOC System	DPS Central Communications Center	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA WebEOC System	DPS Central Communications Center	incident notification	Planned	The notification of an incident including its nature, severity, and location.
DEMA WebEOC System	DPS Central Communications Center	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA WebEOC System	DPS Central Communications Center	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA WebEOC System	DPS Central Communications Center	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA WebEOC System	DPS Central Communications Center	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA WebEOC System	DPS Central Communications Center	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA WebEOC System	Maricopa County EOC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA WebEOC System	Maricopa County EOC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA WebEOC System	Maricopa County EOC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.

Information Flows – Tabular Format (sorted by Source Element)

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Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA WebEOC System	Maricopa County EOC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA WebEOC System	Maricopa County EOC	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA WebEOC System	Maricopa County EOC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA WebEOC System	Maricopa County EOC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA WebEOC System	Maricopa County EOC	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA WebEOC System	Maricopa County EOC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA WebEOC System	Mexico Customs and Border Patrol	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA WebEOC System	Mexico Customs and Border Patrol	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA WebEOC System	Mexico Customs and Border Patrol	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA WebEOC System	Mexico Customs and Border Patrol	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA WebEOC System	Mexico Customs and Border Patrol	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA WebEOC System	Mexico Customs and Border Patrol	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA WebEOC System	Mexico Customs and Border Patrol	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA WebEOC System	Mexico Customs and Border Patrol	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA WebEOC System	Mexico Customs and Border Patrol	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA WebEOC System	Mexico Public Safety	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA WebEOC System	Mexico Public Safety	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA WebEOC System	Mexico Public Safety	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA WebEOC System	Mexico Public Safety	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA WebEOC System	Mexico Public Safety	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA WebEOC System	Mexico Public Safety	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.

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Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA WebEOC System	Mexico Public Safety	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA WebEOC System	Mexico Public Safety	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA WebEOC System	Mexico Public Safety	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA WebEOC System	Nevada State Police Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA WebEOC System	Nevada State Police Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA WebEOC System	Nevada State Police Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA WebEOC System	Nevada State Police Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA WebEOC System	Nevada State Police Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA WebEOC System	Nevada State Police Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA WebEOC System	Nevada State Police Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA WebEOC System	Nevada State Police Dispatch	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA WebEOC System	Nevada State Police Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA WebEOC System	New Mexico State Police Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA WebEOC System	New Mexico State Police Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA WebEOC System	New Mexico State Police Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA WebEOC System	New Mexico State Police Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA WebEOC System	New Mexico State Police Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA WebEOC System	New Mexico State Police Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA WebEOC System	New Mexico State Police Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA WebEOC System	New Mexico State Police Dispatch	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA WebEOC System	New Mexico State Police Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA WebEOC System	Tribal Public Safety Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA WebEOC System	Tribal Public Safety Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA WebEOC System	Tribal Public Safety Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA WebEOC System	Tribal Public Safety Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA WebEOC System	Tribal Public Safety Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA WebEOC System	Tribal Public Safety Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA WebEOC System	Tribal Public Safety Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA WebEOC System	Tribal Public Safety Dispatch	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA WebEOC System	Tribal Public Safety Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA WebEOC System	US Border Patrol Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA WebEOC System	US Border Patrol Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA WebEOC System	US Border Patrol Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DEMA WebEOC System	US Border Patrol Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA WebEOC System	US Border Patrol Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA WebEOC System	US Border Patrol Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA WebEOC System	US Border Patrol Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DEMA WebEOC System	Utah State Police Dispatch	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DEMA WebEOC System	Utah State Police Dispatch	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DEMA WebEOC System	Utah State Police Dispatch	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DEMA WebEOC System	Utah State Police Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DEMA WebEOC System	Utah State Police Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DEMA WebEOC System	Utah State Police Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DEMA WebEOC System	Utah State Police Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DEMA WebEOC System	Utah State Police Dispatch	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DEMA WebEOC System	Utah State Police Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DPS Central Communications Center	ADOT 511 Website	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
DPS Central Communications Center	ADOT 511 Website	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
DPS Central Communications Center	ADOT 511 Website	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
DPS Central Communications Center	ADOT 511 Website	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
DPS Central Communications Center	ADOT 511 Website	traffic control information	Planned	Represents the flow of traffic control and status information between centers. This is reporting only, not actual control. This specifically includes the current state of any demand management strategies that have been implemented.

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DPS Central Communications Center	ADOT 511 Website	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
DPS Central Communications Center	ADOT 511 Website	transportation system status	Existing	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DPS Central Communications Center	ADOT Crash Reporting Information System (CRIS)	emergency archive data	Planned	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
DPS Central Communications Center	ADOT Crash Reporting Information System (CRIS)	traffic archive data	Planned	Information describing the use and vehicle composition on transportation facilities and the traffic control strategies employed. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
DPS Central Communications Center	ADOT DEOC-Dept EM Ops Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
DPS Central Communications Center	ADOT DEOC-Dept EM Ops Center	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DPS Central Communications Center	ADOT DEOC-Dept EM Ops Center	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
DPS Central Communications Center	ADOT DEOC-Dept EM Ops Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DPS Central Communications Center	ADOT DEOC-Dept EM Ops Center	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	ADOT DEOC-Dept EM Ops Center	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
DPS Central Communications Center	ADOT DEOC-Dept EM Ops Center	emergency traffic coordination	Existing	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
DPS Central Communications Center	ADOT DEOC-Dept EM Ops Center	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DPS Central Communications Center	ADOT DEOC-Dept EM Ops Center	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
DPS Central Communications Center	ADOT DEOC-Dept EM Ops Center	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DPS Central Communications Center	ADOT DEOC-Dept EM Ops Center	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DPS Central Communications Center	ADOT DEOC-Dept EM Ops Center	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DPS Central Communications Center	ADOT DEOC-Dept EM Ops Center	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DPS Central Communications Center	ADOT DEOC-Dept EM Ops Center	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	ADOT DEOC-Dept EM Ops Center	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DPS Central Communications Center	ADOT DEOC-Dept EM Ops Center	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
DPS Central Communications Center	ADOT DEOC-Dept EM Ops Center	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
DPS Central Communications Center	ADOT DEOC-Dept EM Ops Center	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
DPS Central Communications Center	ADOT DEOC-Dept EM Ops Center	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
DPS Central Communications Center	ADOT DEOC-Dept EM Ops Center	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc).
DPS Central Communications Center	ADOT DEOC-Dept EM Ops Center	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DPS Central Communications Center	ADOT DEOC-Dept EM Ops Center	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DPS Central Communications Center	ADOT ECD Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DPS Central Communications Center	ADOT ECD Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
DPS Central Communications Center	ADOT ECD Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	ADOT ECD Dispatch	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
DPS Central Communications Center	ADOT ECD Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DPS Central Communications Center	ADOT ECD Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DPS Central Communications Center	ADOT ECD Dispatch	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DPS Central Communications Center	ADOT ECD Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DPS Central Communications Center	ADOT ECD Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DPS Central Communications Center	ADOT ECD Dispatch	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
DPS Central Communications Center	ADOT ECD Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DPS Central Communications Center	ADOT ECD Dispatch	resource deployment status	Existing	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	ADOT ECD Dispatch	resource request	Existing	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
DPS Central Communications Center	ADOT ECD Dispatch	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
DPS Central Communications Center	ADOT ECD Dispatch	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
DPS Central Communications Center	ADOT ECD Dispatch	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DPS Central Communications Center	ADOT ECD Dispatch	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
DPS Central Communications Center	ADOT ECD Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DPS Central Communications Center	ADOT ECD Operational Communications	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DPS Central Communications Center	ADOT ECD Operational Communications	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DPS Central Communications Center	ADOT ECD Operational Communications	emergency traffic control request	Planned	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
DPS Central Communications Center	ADOT ECD Operational Communications	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	ADOT ECD Operational Communications	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DPS Central Communications Center	ADOT ECD Operational Communications	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DPS Central Communications Center	ADOT ECD Operational Communications	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DPS Central Communications Center	ADOT ECD Operational Communications	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DPS Central Communications Center	ADOT ECD Operational Communications	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
DPS Central Communications Center	ADOT ECD Operational Communications	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DPS Central Communications Center	ADOT ECD Operational Communications	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DPS Central Communications Center	ADOT HazMat Response Data Archive	emergency archive data	Existing	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
DPS Central Communications Center	ADOT HazMat Response Team	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	ADOT HazMat Response Team	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DPS Central Communications Center	ADOT HazMat Response Team	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
DPS Central Communications Center	ADOT HazMat Response Team	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DPS Central Communications Center	ADOT HazMat Response Team	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
DPS Central Communications Center	ADOT HazMat Response Team	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
DPS Central Communications Center	ADOT HazMat Response Team	emergency traffic coordination	Existing	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
DPS Central Communications Center	ADOT HazMat Response Team	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DPS Central Communications Center	ADOT HazMat Response Team	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
DPS Central Communications Center	ADOT HazMat Response Team	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	ADOT HazMat Response Team	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DPS Central Communications Center	ADOT HazMat Response Team	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DPS Central Communications Center	ADOT HazMat Response Team	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DPS Central Communications Center	ADOT HazMat Response Team	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
DPS Central Communications Center	ADOT HazMat Response Team	remote surveillance control	Existing	The control commands used to remotely operate another center's sensors or surveillance equipment so that roadside surveillance assets can be shared by more than one agency.
DPS Central Communications Center	ADOT HazMat Response Team	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DPS Central Communications Center	ADOT HazMat Response Team	resource deployment status	Existing	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
DPS Central Communications Center	ADOT HazMat Response Team	resource request	Existing	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
DPS Central Communications Center	ADOT HazMat Response Team	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
DPS Central Communications Center	ADOT HazMat Response Team	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	ADOT HazMat Response Team	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc).
DPS Central Communications Center	ADOT HazMat Response Team	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DPS Central Communications Center	ADOT HazMat Response Team	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
DPS Central Communications Center	ADOT HazMat Response Team	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DPS Central Communications Center	ADOT Incident Response Unit (IRU)	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
DPS Central Communications Center	ADOT Incident Response Unit (IRU)	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DPS Central Communications Center	ADOT Incident Response Unit (IRU)	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
DPS Central Communications Center	ADOT Incident Response Unit (IRU)	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DPS Central Communications Center	ADOT Incident Response Unit (IRU)	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DPS Central Communications Center	ADOT Incident Response Unit (IRU)	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	ADOT Incident Response Unit (IRU)	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DPS Central Communications Center	ADOT Incident Response Unit (IRU)	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
DPS Central Communications Center	ADOT Incident Response Unit (IRU)	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DPS Central Communications Center	ADOT Incident Response Unit (IRU)	resource deployment status	Existing	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
DPS Central Communications Center	ADOT Incident Response Unit (IRU)	resource request	Existing	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
DPS Central Communications Center	ADOT IRU Vehicles	service patrol dispatch request	Existing	Service patrol dispatch instructions including incident location and available information concerning the incident.
DPS Central Communications Center	ADOT Roadside Comm Equipment	roadway dynamic signage data	Existing	Information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support remote management of these devices.
DPS Central Communications Center	ADOT Roadside Comm Equipment	safeguard system control	Planned	Data that controls safeguard systems (remotely controlled equipment used to mitigate the impact of incidents on transportation infrastructure, such as blast shields, exhaust systems, etc.).
DPS Central Communications Center	ADOT Roadside Comm Equipment	traffic detector control	Existing	Information used to configure and control traffic detector systems such as inductive loop detectors and machine vision sensors.
DPS Central Communications Center	ADOT Roadside Comm Equipment	video surveillance control	Existing	Information used to configure and control video surveillance systems.
DPS Central Communications Center	ADOT TOC and EMC	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	ADOT TOC and EMC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DPS Central Communications Center	ADOT TOC and EMC	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
DPS Central Communications Center	ADOT TOC and EMC	device control request	Existing	Request for device control action
DPS Central Communications Center	ADOT TOC and EMC	device data	Existing	Data from detectors, environmental sensor stations, roadside equipment, and traffic control devices, including device inventory information.
DPS Central Communications Center	ADOT TOC and EMC	device status	Existing	Status information from devices
DPS Central Communications Center	ADOT TOC and EMC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DPS Central Communications Center	ADOT TOC and EMC	emergency route request	Existing	Request for access routes for emergency response vehicles and equipment. This may be a request for ingress or egress routes or other emergency routes. It may also include a request for preemption/priority for the identified vehicle at all signalized intersections along the route.
DPS Central Communications Center	ADOT TOC and EMC	emergency routes	Planned	Suggested ingress and egress routes for access to and between the scene and staging areas or other specialized emergency access routes.
DPS Central Communications Center	ADOT TOC and EMC	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
DPS Central Communications Center	ADOT TOC and EMC	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
DPS Central Communications Center	ADOT TOC and EMC	emergency traffic coordination	Existing	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	ADOT TOC and EMC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DPS Central Communications Center	ADOT TOC and EMC	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
DPS Central Communications Center	ADOT TOC and EMC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DPS Central Communications Center	ADOT TOC and EMC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DPS Central Communications Center	ADOT TOC and EMC	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DPS Central Communications Center	ADOT TOC and EMC	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DPS Central Communications Center	ADOT TOC and EMC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
DPS Central Communications Center	ADOT TOC and EMC	remote surveillance control	Existing	The control commands used to remotely operate another center's sensors or surveillance equipment so that roadside surveillance assets can be shared by more than one agency.
DPS Central Communications Center	ADOT TOC and EMC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DPS Central Communications Center	ADOT TOC and EMC	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.

Information Flows – Tabular Format (sorted by Source Element)

RAD-IT Table

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	ADOT TOC and EMC	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
DPS Central Communications Center	ADOT TOC and EMC	road closure notification	Existing	Notification that agency personnel have closed a road due to adverse weather, major incident, or other reason.
DPS Central Communications Center	ADOT TOC and EMC	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
DPS Central Communications Center	ADOT TOC and EMC	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
DPS Central Communications Center	ADOT TOC and EMC	special vehicle restricted use information	Planned	Parameters necessary for implementing unrestricted access to controlled access or toll facilities by special vehicles; e.g., maintenance vehicles, emergency vehicles, etc.
DPS Central Communications Center	ADOT TOC and EMC	threat information	Planned	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
DPS Central Communications Center	ADOT TOC and EMC	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DPS Central Communications Center	ADOT TOC and EMC	traffic image meta data	Planned	Meta data that describes traffic images. Traffic images (video) are in another flow.
DPS Central Communications Center	ADOT TOC and EMC	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
DPS Central Communications Center	ADOT TOC and EMC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DPS Central Communications Center	ADOT TOC and EMC	wrong way vehicle notification	Planned	Notification to public safety that a vehicle has been detected traveling in the wrong direction. It includes information about the vehicle (make, model, color, other identification data) and the current location, speed, acceleration, and heading of the wrong way vehicle.
DPS Central Communications Center	ADOT TOC Traffic Information Center	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	ADOT TOC Traffic Information Center	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
DPS Central Communications Center	AZTech Traffic Ops Center	device control request	Existing	Request for device control action
DPS Central Communications Center	AZTech Traffic Ops Center	device data	Existing	Data from detectors, environmental sensor stations, roadside equipment, and traffic control devices, including device inventory information.
DPS Central Communications Center	AZTech Traffic Ops Center	device status	Existing	Status information from devices
DPS Central Communications Center	AZTech Traffic Ops Center	emergency traffic coordination	Existing	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
DPS Central Communications Center	AZTech Traffic Ops Center	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DPS Central Communications Center	AZTech Traffic Ops Center	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
DPS Central Communications Center	AZTech Traffic Ops Center	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
DPS Central Communications Center	CHP Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DPS Central Communications Center	CHP Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
DPS Central Communications Center	CHP Dispatch	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	CHP Dispatch	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
DPS Central Communications Center	CHP Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DPS Central Communications Center	CHP Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DPS Central Communications Center	CHP Dispatch	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DPS Central Communications Center	CHP Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DPS Central Communications Center	CHP Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DPS Central Communications Center	CHP Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DPS Central Communications Center	CHP Dispatch	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
DPS Central Communications Center	CHP Dispatch	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.

Information Flows – Tabular Format (sorted by Source Element)

RAD-IT Table

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	CHP Dispatch	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
DPS Central Communications Center	CHP Dispatch	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DPS Central Communications Center	CHP Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DPS Central Communications Center	Cities and Towns Data Archive	emergency archive data	Existing	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
DPS Central Communications Center	Cities and Towns Data Archive	traffic archive data	Existing	Information describing the use and vehicle composition on transportation facilities and the traffic control strategies employed. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
DPS Central Communications Center	Cities and Towns EOC-EMC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DPS Central Communications Center	Cities and Towns EOC-EMC	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
DPS Central Communications Center	Cities and Towns EOC-EMC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DPS Central Communications Center	Cities and Towns EOC-EMC	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
DPS Central Communications Center	Cities and Towns EOC-EMC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	Cities and Towns EOC-EMC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DPS Central Communications Center	Cities and Towns EOC-EMC	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DPS Central Communications Center	Cities and Towns EOC-EMC	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DPS Central Communications Center	Cities and Towns EOC-EMC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DPS Central Communications Center	Cities and Towns EOC-EMC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DPS Central Communications Center	Cities and Towns EOC-EMC	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
DPS Central Communications Center	Cities and Towns EOC-EMC	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
DPS Central Communications Center	Cities and Towns EOC-EMC	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
DPS Central Communications Center	Cities and Towns EOC-EMC	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DPS Central Communications Center	Cities and Towns EOC-EMC	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	Cities and Towns EOC-EMC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DPS Central Communications Center	Cities and Towns Police and Fire Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DPS Central Communications Center	Cities and Towns Police and Fire Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
DPS Central Communications Center	Cities and Towns Police and Fire Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DPS Central Communications Center	Cities and Towns Police and Fire Dispatch	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
DPS Central Communications Center	Cities and Towns Police and Fire Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DPS Central Communications Center	Cities and Towns Police and Fire Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DPS Central Communications Center	Cities and Towns Police and Fire Dispatch	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DPS Central Communications Center	Cities and Towns Police and Fire Dispatch	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	Cities and Towns Police and Fire Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DPS Central Communications Center	Cities and Towns Police and Fire Dispatch	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
DPS Central Communications Center	Cities and Towns Police and Fire Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DPS Central Communications Center	Cities and Towns Police and Fire Dispatch	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
DPS Central Communications Center	Cities and Towns Police and Fire Dispatch	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
DPS Central Communications Center	Cities and Towns Police and Fire Dispatch	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
DPS Central Communications Center	Cities and Towns Police and Fire Dispatch	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DPS Central Communications Center	Cities and Towns Police and Fire Dispatch	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
DPS Central Communications Center	Cities and Towns Police and Fire Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DPS Central Communications Center	Cities and Towns TMC-TOC	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	Cities and Towns TMC-TOC	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DPS Central Communications Center	Cities and Towns TMC-TOC	emergency traffic control request	Planned	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
DPS Central Communications Center	Cities and Towns TMC-TOC	emergency traffic coordination	Planned	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
DPS Central Communications Center	Cities and Towns TMC-TOC	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
DPS Central Communications Center	Cities and Towns TMC-TOC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DPS Central Communications Center	Cities and Towns TMC-TOC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
DPS Central Communications Center	Cities and Towns TMC-TOC	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
DPS Central Communications Center	Cities and Towns TMC-TOC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	Cities and Towns Transit Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DPS Central Communications Center	Cities and Towns Transit Dispatch	emergency transit service request	Existing	Request to modify transit service and fare schedules to address emergencies, including requests for transit services to evacuate people from and/or deploy response agency personnel to an emergency scene. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of transit resources.
DPS Central Communications Center	Cities and Towns Transit Dispatch	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
DPS Central Communications Center	Cities and Towns Transit Dispatch	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DPS Central Communications Center	Cities and Towns Transit Dispatch	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
DPS Central Communications Center	Cities and Towns Transit Dispatch	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
DPS Central Communications Center	Cities and Towns Transit Dispatch	threat information	Planned	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
DPS Central Communications Center	Cities and Towns Transit Dispatch	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
DPS Central Communications Center	Cities and Towns Transit Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	Commercial Vehicle Driver and Vehicle Verification Systems	emergency archive data	Existing	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
DPS Central Communications Center	Commercial Vehicle Driver and Vehicle Verification Systems	traffic archive data	Existing	Information describing the use and vehicle composition on transportation facilities and the traffic control strategies employed. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
DPS Central Communications Center	County 911 PSAPs	incident information for public	Existing	Report of current desensitized incident information prepared for public dissemination.
DPS Central Communications Center	County 911 PSAPs	incident notification response	Existing	Interactive acknowledgement and verification of the incident information received, requests for additional information, and general information on incident response status.
DPS Central Communications Center	County EMC-EOC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DPS Central Communications Center	County EMC-EOC	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
DPS Central Communications Center	County EMC-EOC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DPS Central Communications Center	County EMC-EOC	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
DPS Central Communications Center	County EMC-EOC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DPS Central Communications Center	County EMC-EOC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	County EMC-EOC	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DPS Central Communications Center	County EMC-EOC	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DPS Central Communications Center	County EMC-EOC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DPS Central Communications Center	County EMC-EOC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DPS Central Communications Center	County EMC-EOC	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
DPS Central Communications Center	County EMC-EOC	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
DPS Central Communications Center	County EMC-EOC	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
DPS Central Communications Center	County EMC-EOC	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DPS Central Communications Center	County EMC-EOC	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
DPS Central Communications Center	County EMC-EOC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	County Sheriff Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DPS Central Communications Center	County Sheriff Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
DPS Central Communications Center	County Sheriff Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DPS Central Communications Center	County Sheriff Dispatch	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
DPS Central Communications Center	County Sheriff Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DPS Central Communications Center	County Sheriff Dispatch	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DPS Central Communications Center	County Sheriff Dispatch	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DPS Central Communications Center	County Sheriff Dispatch	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DPS Central Communications Center	County Sheriff Dispatch	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	County Sheriff Dispatch	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
DPS Central Communications Center	County Sheriff Dispatch	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DPS Central Communications Center	County Sheriff Dispatch	resource deployment status	Existing	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
DPS Central Communications Center	County Sheriff Dispatch	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
DPS Central Communications Center	County Sheriff Dispatch	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
DPS Central Communications Center	County Sheriff Dispatch	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DPS Central Communications Center	County Sheriff Dispatch	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
DPS Central Communications Center	County Sheriff Dispatch	transportation system status	Existing	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DPS Central Communications Center	County TMC-TOC	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
DPS Central Communications Center	County TMC-TOC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	County TMC-TOC	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
DPS Central Communications Center	County TMC-TOC	emergency traffic coordination	Existing	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
DPS Central Communications Center	County TMC-TOC	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
DPS Central Communications Center	County TMC-TOC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DPS Central Communications Center	County TMC-TOC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
DPS Central Communications Center	County TMC-TOC	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
DPS Central Communications Center	County TMC-TOC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DPS Central Communications Center	DEMA CRT - HazMat Response Team	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	DEMA CRT - HazMat Response Team	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DPS Central Communications Center	DEMA CRT - HazMat Response Team	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
DPS Central Communications Center	DEMA CRT - HazMat Response Team	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DPS Central Communications Center	DEMA CRT - HazMat Response Team	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DPS Central Communications Center	DEMA CRT - HazMat Response Team	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DPS Central Communications Center	DEMA CRT - HazMat Response Team	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DPS Central Communications Center	DEMA CRT - HazMat Response Team	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
DPS Central Communications Center	DEMA CRT - HazMat Response Team	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DPS Central Communications Center	DEMA CRT - HazMat Response Team	resource deployment status	Existing	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	DEMA CRT - HazMat Response Team	resource request	Existing	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
DPS Central Communications Center	DEMA Data Archive	emergency archive data	Planned	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
DPS Central Communications Center	DEMA Data Archive	traffic archive data	Planned	Information describing the use and vehicle composition on transportation facilities and the traffic control strategies employed. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
DPS Central Communications Center	DEMA Emergency Alert System	threat data for analysis	Planned	Data from surveillance or sensor equipment in secure areas provided for further analysis.
DPS Central Communications Center	DEMA Emergency Alert System	threat information	Planned	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
DPS Central Communications Center	DEMA Enforcement	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DPS Central Communications Center	DEMA Enforcement	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DPS Central Communications Center	DEMA Enforcement	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DPS Central Communications Center	DEMA Enforcement	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DPS Central Communications Center	DEMA Enforcement	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	DEMA Enforcement	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DPS Central Communications Center	DEMA Enforcement	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DPS Central Communications Center	DEMA Enforcement	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DPS Central Communications Center	DEMA Enforcement	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DPS Central Communications Center	DEMA SEOC Arizona DEM Military Affairs	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DPS Central Communications Center	DEMA SEOC Arizona DEM Military Affairs	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
DPS Central Communications Center	DEMA SEOC Arizona DEM Military Affairs	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DPS Central Communications Center	DEMA SEOC Arizona DEM Military Affairs	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
DPS Central Communications Center	DEMA SEOC Arizona DEM Military Affairs	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DPS Central Communications Center	DEMA SEOC Arizona DEM Military Affairs	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	DEMA SEOC Arizona DEM Military Affairs	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DPS Central Communications Center	DEMA SEOC Arizona DEM Military Affairs	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DPS Central Communications Center	DEMA SEOC Arizona DEM Military Affairs	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DPS Central Communications Center	DEMA SEOC Arizona DEM Military Affairs	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DPS Central Communications Center	DEMA SEOC Arizona DEM Military Affairs	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
DPS Central Communications Center	DEMA SEOC Arizona DEM Military Affairs	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
DPS Central Communications Center	DEMA SEOC Arizona DEM Military Affairs	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
DPS Central Communications Center	DEMA SEOC Arizona DEM Military Affairs	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DPS Central Communications Center	DEMA SEOC Arizona DEM Military Affairs	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DPS Central Communications Center	DEMA WebEOC System	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	DEMA WebEOC System	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DPS Central Communications Center	DEMA WebEOC System	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DPS Central Communications Center	DEMA WebEOC System	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DPS Central Communications Center	DEMA WebEOC System	incident information for public	Existing	Report of current desensitized incident information prepared for public dissemination.
DPS Central Communications Center	DEMA WebEOC System	incident notification response	Planned	Interactive acknowledgement and verification of the incident information received, requests for additional information, and general information on incident response status.
DPS Central Communications Center	DEMA WebEOC System	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DPS Central Communications Center	DEMA WebEOC System	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DPS Central Communications Center	DEMA WebEOC System	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DPS Central Communications Center	DEMA WebEOC System	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DPS Central Communications Center	DEMA WebEOC System	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DPS Central Communications Center	DPS Commercial Vehicle Enforcement	request for enforcement	Planned	Request for traffic enforcement of speed limits, lane controls, etc. on a roadway including in a work zone or other special situations.
DPS Central Communications Center	DPS Console Interface (Other LE)	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	DPS Console Interface (Other LE)	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DPS Central Communications Center	DPS Console Interface (Other LE)	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DPS Central Communications Center	DPS Console Interface (Other LE)	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DPS Central Communications Center	DPS Console Interface (Other LE)	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DPS Central Communications Center	DPS Console Interface (Other LE)	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DPS Central Communications Center	DPS Console Interface (Other LE)	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DPS Central Communications Center	DPS Console Interface (Other LE)	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DPS Central Communications Center	DPS Console Interface (Other LE)	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DPS Central Communications Center	DPS Data Archive	emergency archive data	Existing	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
DPS Central Communications Center	DPS Data Archive	traffic archive data	Existing	Information describing the use and vehicle composition on transportation facilities and the traffic control strategies employed. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.

Information Flows – Tabular Format (sorted by Source Element)

RAD-IT Table

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	DPS RMA Vehicles	decision support information	Planned	Information provided to support effective and safe incident response, including local traffic, road, and weather conditions, hazardous material information, and the current status of resources (including vehicles, other equipment, supplies) that have been allocated to an incident.
DPS Central Communications Center	DPS RMA Vehicles	emergency dispatch requests	Existing	Emergency vehicle dispatch instructions including incident location and available information concerning the incident.
DPS Central Communications Center	DPS RMA Vehicles	service patrol dispatch request	Existing	Service patrol dispatch instructions including incident location and available information concerning the incident.
DPS Central Communications Center	DPS RMA Vehicles	suggested route	Planned	Suggested route for a dispatched emergency or maintenance vehicle that may reflect current network conditions and the additional routing options available to en route emergency or maintenance vehicles that are not available to the general public.
DPS Central Communications Center	DPS Roadside Safety Inspection	request for enforcement	Planned	Request for traffic enforcement of speed limits, lane controls, etc. on a roadway including in a work zone or other special situations.
DPS Central Communications Center	DPS Vehicles	decision support information	Planned	Information provided to support effective and safe incident response, including local traffic, road, and weather conditions, hazardous material information, and the current status of resources (including vehicles, other equipment, supplies) that have been allocated to an incident.
DPS Central Communications Center	DPS Vehicles	emergency dispatch requests	Existing	Emergency vehicle dispatch instructions including incident location and available information concerning the incident.
DPS Central Communications Center	DPS Vehicles	service patrol dispatch request	Existing	Service patrol dispatch instructions including incident location and available information concerning the incident.
DPS Central Communications Center	DPS Vehicles	suggested route	Planned	Suggested route for a dispatched emergency or maintenance vehicle that may reflect current network conditions and the additional routing options available to en route emergency or maintenance vehicles that are not available to the general public.
DPS Central Communications Center	Emergency Medical Transport/Ambulances	emergency dispatch requests	Existing	Emergency vehicle dispatch instructions including incident location and available information concerning the incident.
DPS Central Communications Center	Fleet Management Systems	hazmat information request	Existing	Request for information about a particular hazmat load.
DPS Central Communications Center	Local Print and Broadcast Media	incident information for media	Existing	Report of current desensitized incident information prepared for public dissemination through the media.
DPS Central Communications Center	Local Print and Broadcast Media	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
DPS Central Communications Center	Local Print and Broadcast Media	traffic information for media	Planned	Report of traffic conditions including traffic incident reports for public dissemination through the media. The reports may also include information on diversions and alternate routes, closures, and special traffic restrictions in effect.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	Map Update System	map update notification	Planned	Notification of maintenance, construction, and other activities that will result in medium to long term changes to road location and configuration that may impact navigable maps. This flow includes the timing of the changes and precise enumeration of the location and configuration changes. It also includes updated static speed limits (perhaps other regulatory rules/signage - no U turns, etc.) and default travel times.
DPS Central Communications Center	Nevada State Police Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DPS Central Communications Center	Nevada State Police Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
DPS Central Communications Center	Nevada State Police Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DPS Central Communications Center	Nevada State Police Dispatch	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
DPS Central Communications Center	Nevada State Police Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DPS Central Communications Center	Nevada State Police Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DPS Central Communications Center	Nevada State Police Dispatch	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DPS Central Communications Center	Nevada State Police Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	Nevada State Police Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DPS Central Communications Center	Nevada State Police Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DPS Central Communications Center	Nevada State Police Dispatch	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
DPS Central Communications Center	Nevada State Police Dispatch	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
DPS Central Communications Center	Nevada State Police Dispatch	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
DPS Central Communications Center	Nevada State Police Dispatch	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DPS Central Communications Center	Nevada State Police Dispatch	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
DPS Central Communications Center	Nevada State Police Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DPS Central Communications Center	New Mexico State Police Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DPS Central Communications Center	New Mexico State Police Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	New Mexico State Police Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DPS Central Communications Center	New Mexico State Police Dispatch	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
DPS Central Communications Center	New Mexico State Police Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DPS Central Communications Center	New Mexico State Police Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DPS Central Communications Center	New Mexico State Police Dispatch	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DPS Central Communications Center	New Mexico State Police Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DPS Central Communications Center	New Mexico State Police Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DPS Central Communications Center	New Mexico State Police Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DPS Central Communications Center	New Mexico State Police Dispatch	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.

Information Flows – Tabular Format (sorted by Source Element)

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Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	New Mexico State Police Dispatch	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
DPS Central Communications Center	New Mexico State Police Dispatch	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
DPS Central Communications Center	New Mexico State Police Dispatch	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DPS Central Communications Center	New Mexico State Police Dispatch	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
DPS Central Communications Center	New Mexico State Police Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DPS Central Communications Center	Public Private Traveler Information	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
DPS Central Communications Center	Public Private Traveler Information	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
DPS Central Communications Center	Public Private Traveler Information	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
DPS Central Communications Center	Public Private Traveler Information	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
DPS Central Communications Center	Public Private Traveler Information	traffic control information	Planned	Represents the flow of traffic control and status information between centers. This is reporting only, not actual control. This specifically includes the current state of any demand management strategies that have been implemented.
DPS Central Communications Center	Public Private Traveler Information	traffic images	Existing	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	Public Private Traveler Information	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DPS Central Communications Center	Railroad Operations Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DPS Central Communications Center	Safety Fitness Electronic Record (SAFER)	request for enforcement	Planned	Request for traffic enforcement of speed limits, lane controls, etc. on a roadway including in a work zone or other special situations.
DPS Central Communications Center	Social Media and Networking	alert notification for social media	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public via social media. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This version of the flow contains only publicly available information and is structured and formatted for publication on specific social media platforms and other public-facing sites.
DPS Central Communications Center	Tribal Public Safety Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DPS Central Communications Center	Tribal Public Safety Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
DPS Central Communications Center	Tribal Public Safety Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DPS Central Communications Center	Tribal Public Safety Dispatch	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
DPS Central Communications Center	Tribal Public Safety Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	Tribal Public Safety Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DPS Central Communications Center	Tribal Public Safety Dispatch	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DPS Central Communications Center	Tribal Public Safety Dispatch	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DPS Central Communications Center	Tribal Public Safety Dispatch	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DPS Central Communications Center	Tribal Public Safety Dispatch	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
DPS Central Communications Center	Tribal Public Safety Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DPS Central Communications Center	Tribal Public Safety Dispatch	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
DPS Central Communications Center	Tribal Public Safety Dispatch	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
DPS Central Communications Center	Tribal Public Safety Dispatch	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
DPS Central Communications Center	Tribal Public Safety Dispatch	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	Tribal Public Safety Dispatch	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
DPS Central Communications Center	Tribal Public Safety Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DPS Central Communications Center	US Border Patrol Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DPS Central Communications Center	US Border Patrol Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
DPS Central Communications Center	US Border Patrol Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DPS Central Communications Center	US Border Patrol Dispatch	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
DPS Central Communications Center	US Border Patrol Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DPS Central Communications Center	US Border Patrol Dispatch	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DPS Central Communications Center	US Border Patrol Dispatch	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.

Information Flows – Tabular Format (sorted by Source Element)

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Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	US Border Patrol Dispatch	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DPS Central Communications Center	US Border Patrol Dispatch	resource deployment status	Existing	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
DPS Central Communications Center	US Border Patrol Dispatch	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
DPS Central Communications Center	US Border Patrol Dispatch	road network status assessment	Existing	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
DPS Central Communications Center	US Border Patrol Dispatch	transportation system status	Existing	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DPS Central Communications Center	Utah State Police Dispatch	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DPS Central Communications Center	Utah State Police Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
DPS Central Communications Center	Utah State Police Dispatch	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DPS Central Communications Center	Utah State Police Dispatch	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
DPS Central Communications Center	Utah State Police Dispatch	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	Utah State Police Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DPS Central Communications Center	Utah State Police Dispatch	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DPS Central Communications Center	Utah State Police Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DPS Central Communications Center	Utah State Police Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DPS Central Communications Center	Utah State Police Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DPS Central Communications Center	Utah State Police Dispatch	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
DPS Central Communications Center	Utah State Police Dispatch	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
DPS Central Communications Center	Utah State Police Dispatch	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
DPS Central Communications Center	Utah State Police Dispatch	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Central Communications Center	Utah State Police Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DPS Central Communications Center	Utah Statewide TMC	emergency traffic coordination	Existing	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
DPS Central Communications Center	Wide Area Alerting Systems	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
DPS Central Communications Center	Wide Area Alerting Systems	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
DPS Central Communications Center	Wide Area Alerting Systems	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
DPS Central Communications Center	Wide Area Alerting Systems	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
DPS Central Communications Center	Wide Area Alerting Systems	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
DPS Central Communications Center	Wide Area Alerting Systems	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DPS Commercial Vehicle Enforcement	ADOT ECD CVO Administration Center	accident report	Planned	Report of commercial vehicle safety accident. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	ADOT ECD CVO Administration Center	carrier participation report	Planned	Report that summarizes motor carrier participation in CVO programs. Used to identify the level of active participation and to report which enrolled carriers are not participating as expected.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Commercial Vehicle Enforcement	ADOT ECD CVO Administration Center	citation	Planned	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	ADOT ECD CVO Administration Center	commercial vehicle permit information	Planned	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	ADOT ECD CVO Administration Center	credential fee coordination	Planned	Description of fees, taxes and similar charges related to commercial vehicle credentials. In US and Canada, this includes rates for credentials that are exchanged between agencies via IRP, IFTA, etc.
DPS Commercial Vehicle Enforcement	ADOT ECD CVO Administration Center	credentials information	Planned	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	ADOT ECD CVO Administration Center	credentials status information	Planned	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	ADOT ECD CVO Administration Center	cv driver record	Planned	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	ADOT ECD CVO Administration Center	information on violators	Planned	Information on violators provided by a law enforcement agency. May include information about commercial vehicle violations or other kinds of violations associated with the particular entity. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	ADOT ECD CVO Administration Center	route restrictions	Planned	Information about routes, road segments, and areas that do not allow the transport of security sensitive hazmat cargoes or include other restrictions (such as height or weight limits).
DPS Commercial Vehicle Enforcement	ADOT ECD CVO Administration Center	safety inspection report	Planned	Report containing results of commercial vehicle safety inspection. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Commercial Vehicle Enforcement	ADOT ECD CVO Administration Center	safety status information	Planned	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	ADOT ECD CVO Administration Center	targeted list	Planned	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.
DPS Commercial Vehicle Enforcement	ADOT ECD CVO Administration Center	trigger area definition	Planned	Information that defines the desired trigger area for wireless roadside inspection safety data message submission.
DPS Commercial Vehicle Enforcement	ADOT ECD CVO Administration Center	trigger control	Planned	Controls to enable or disable a particular trigger.
DPS Commercial Vehicle Enforcement	ADOT Electronic Bypass Stations	commercial vehicle permit information	Existing	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	ADOT Electronic Bypass Stations	credentials information	Planned	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	ADOT Electronic Bypass Stations	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	ADOT Electronic Bypass Stations	cv driver record	Existing	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	ADOT Electronic Bypass Stations	information on violators	Existing	Information on violators provided by a law enforcement agency. May include information about commercial vehicle violations or other kinds of violations associated with the particular entity. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	ADOT Electronic Bypass Stations	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Commercial Vehicle Enforcement	ADOT Electronic Bypass Stations	targeted list	Existing	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.
DPS Commercial Vehicle Enforcement	ADOT Motor Vehicle Division (MVD) Database	commercial vehicle archive data	Planned	Information describing commercial vehicle travel and commodity flow characteristics. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
DPS Commercial Vehicle Enforcement	ADOT MVD Commercial Vehicle Administration	accident report	Planned	Report of commercial vehicle safety accident. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	ADOT MVD Commercial Vehicle Administration	border clearance status	Existing	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.
DPS Commercial Vehicle Enforcement	ADOT MVD Commercial Vehicle Administration	citation	Planned	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	ADOT MVD Commercial Vehicle Administration	commercial vehicle permit information	Planned	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	ADOT MVD Commercial Vehicle Administration	credential fee coordination	Planned	Description of fees, taxes and similar charges related to commercial vehicle credentials. In US and Canada, this includes rates for credentials that are exchanged between agencies via IRP, IFTA, etc.
DPS Commercial Vehicle Enforcement	ADOT MVD Commercial Vehicle Administration	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	ADOT MVD Commercial Vehicle Administration	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	ADOT MVD Commercial Vehicle Administration	cv driver record	Planned	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	ADOT MVD Commercial Vehicle Administration	information on violators	Planned	Information on violators provided by a law enforcement agency. May include information about commercial vehicle violations or other kinds of violations associated with the particular entity. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Commercial Vehicle Enforcement	ADOT MVD Commercial Vehicle Administration	route restrictions	Planned	Information about routes, road segments, and areas that do not allow the transport of security sensitive hazmat cargoes or include other restrictions (such as height or weight limits).
DPS Commercial Vehicle Enforcement	ADOT MVD Commercial Vehicle Administration	safety inspection report	Existing	Report containing results of commercial vehicle safety inspection. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	ADOT MVD Commercial Vehicle Administration	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	ADOT MVD Commercial Vehicle Administration	targeted list	Existing	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.
DPS Commercial Vehicle Enforcement	ADOT MVD Commercial Vehicle Administration	trigger area definition	Planned	Information that defines the desired trigger area for wireless roadside inspection safety data message submission.
DPS Commercial Vehicle Enforcement	ADOT MVD Commercial Vehicle Administration	trigger control	Planned	Controls to enable or disable a particular trigger.
DPS Commercial Vehicle Enforcement	ADOT WIM Stations	commercial vehicle permit information	Existing	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	ADOT WIM Stations	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	ADOT WIM Stations	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	ADOT WIM Stations	cv driver record	Existing	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	ADOT WIM Stations	information on violators	Existing	Information on violators provided by a law enforcement agency. May include information about commercial vehicle violations or other kinds of violations associated with the particular entity. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Commercial Vehicle Enforcement	ADOT WIM Stations	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	ADOT WIM Stations	targeted list	Existing	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.
DPS Commercial Vehicle Enforcement	Commercial Vehicle Driver and Vehicle Verification Systems	accident report	Planned	Report of commercial vehicle safety accident. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	Commercial Vehicle Driver and Vehicle Verification Systems	border clearance status	Existing	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.
DPS Commercial Vehicle Enforcement	Commercial Vehicle Driver and Vehicle Verification Systems	citation	Planned	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	Commercial Vehicle Driver and Vehicle Verification Systems	commercial vehicle archive data	Existing	Information describing commercial vehicle travel and commodity flow characteristics. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
DPS Commercial Vehicle Enforcement	Commercial Vehicle Driver and Vehicle Verification Systems	commercial vehicle permit information	Planned	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	Commercial Vehicle Driver and Vehicle Verification Systems	credential fee coordination	Planned	Description of fees, taxes and similar charges related to commercial vehicle credentials. In US and Canada, this includes rates for credentials that are exchanged between agencies via IRP, IFTA, etc.
DPS Commercial Vehicle Enforcement	Commercial Vehicle Driver and Vehicle Verification Systems	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	Commercial Vehicle Driver and Vehicle Verification Systems	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Commercial Vehicle Enforcement	Commercial Vehicle Driver and Vehicle Verification Systems	cv driver record	Planned	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	Commercial Vehicle Driver and Vehicle Verification Systems	information on violators	Planned	Information on violators provided by a law enforcement agency. May include information about commercial vehicle violations or other kinds of violations associated with the particular entity. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	Commercial Vehicle Driver and Vehicle Verification Systems	route restrictions	Planned	Information about routes, road segments, and areas that do not allow the transport of security sensitive hazmat cargoes or include other restrictions (such as height or weight limits).
DPS Commercial Vehicle Enforcement	Commercial Vehicle Driver and Vehicle Verification Systems	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	Commercial Vehicle Driver and Vehicle Verification Systems	targeted list	Existing	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.
DPS Commercial Vehicle Enforcement	Commercial Vehicle Driver and Vehicle Verification Systems	trigger area definition	Planned	Information that defines the desired trigger area for wireless roadside inspection safety data message submission.
DPS Commercial Vehicle Enforcement	Commercial Vehicle Driver and Vehicle Verification Systems	trigger control	Planned	Controls to enable or disable a particular trigger.
DPS Commercial Vehicle Enforcement	Commercial Vehicles	safety inspection record	Planned	Record containing results of commercial vehicle safety inspection.
DPS Commercial Vehicle Enforcement	DEMA Data Archive	commercial vehicle archive data	Planned	Information describing commercial vehicle travel and commodity flow characteristics. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
DPS Commercial Vehicle Enforcement	DPS Data Archive	commercial vehicle archive data	Existing	Information describing commercial vehicle travel and commodity flow characteristics. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
DPS Commercial Vehicle Enforcement	DPS Roadside Safety Inspection	accident report	Existing	Report of commercial vehicle safety accident. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	DPS Roadside Safety Inspection	carrier participation report	Existing	Report that summarizes motor carrier participation in CVO programs. Used to identify the level of active participation and to report which enrolled carriers are not participating as expected.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Commercial Vehicle Enforcement	DPS Roadside Safety Inspection	citation	Existing	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	DPS Roadside Safety Inspection	commercial vehicle permit information	Existing	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	DPS Roadside Safety Inspection	commercial vehicle violation notification	Existing	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.
DPS Commercial Vehicle Enforcement	DPS Roadside Safety Inspection	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	DPS Roadside Safety Inspection	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	DPS Roadside Safety Inspection	cv driver record	Existing	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	DPS Roadside Safety Inspection	daily site activity data	Existing	Record of daily activities at commercial vehicle check stations including summaries of screening events and inspections.
DPS Commercial Vehicle Enforcement	DPS Roadside Safety Inspection	information on violators	Existing	Information on violators provided by a law enforcement agency. May include information about commercial vehicle violations or other kinds of violations associated with the particular entity. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	DPS Roadside Safety Inspection	safety inspection report	Existing	Report containing results of commercial vehicle safety inspection. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Commercial Vehicle Enforcement	DPS Roadside Safety Inspection	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	DPS Roadside Safety Inspection	targeted list	Existing	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.
DPS Commercial Vehicle Enforcement	Financial Institution	payment request	Planned	Request for payment from financial institution or related financial service requests (e.g., balance inquiry)
DPS Commercial Vehicle Enforcement	Fleet Management Systems	border clearance status	Existing	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.
DPS Commercial Vehicle Enforcement	Fleet Management Systems	citation	Planned	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	Fleet Management Systems	commercial vehicle permit	Planned	Commercial vehicle permits including those for oversize, overweight, or hazmat shipments.
DPS Commercial Vehicle Enforcement	Fleet Management Systems	compliance review report	Planned	Report containing results of carrier compliance review, including concomitant out-of-service notifications, carrier warnings/notifications. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	Fleet Management Systems	credentials information	Planned	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	Fleet Management Systems	credentials status information	Planned	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	Fleet Management Systems	cv driver record	Planned	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Commercial Vehicle Enforcement	Fleet Management Systems	route restrictions	Planned	Information about routes, road segments, and areas that do not allow the transport of security sensitive hazmat cargoes or include other restrictions (such as height or weight limits).
DPS Commercial Vehicle Enforcement	Fleet Management Systems	safety status information	Planned	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	Fleet Management Systems	trigger area	Planned	A geographic area a commercial motor vehicle crosses into, which initiates a request to compile and transmit a safety data message. May be associated with a time period.
DPS Commercial Vehicle Enforcement	Fleet Management Systems	trigger area notification	Planned	Notification to activate wireless roadside inspection safety data message collection.
DPS Commercial Vehicle Enforcement	Freight Shipping System	border clearance status	Existing	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.
DPS Commercial Vehicle Enforcement	International Fuel Tax Agreement (IFTA) Clearinghouse	accident report	Planned	Report of commercial vehicle safety accident. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	International Fuel Tax Agreement (IFTA) Clearinghouse	border clearance status	Existing	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.
DPS Commercial Vehicle Enforcement	International Fuel Tax Agreement (IFTA) Clearinghouse	citation	Planned	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	International Fuel Tax Agreement (IFTA) Clearinghouse	commercial vehicle permit information	Planned	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	International Fuel Tax Agreement (IFTA) Clearinghouse	credential fee coordination	Planned	Description of fees, taxes and similar charges related to commercial vehicle credentials. In US and Canada, this includes rates for credentials that are exchanged between agencies via IRP, IFTA, etc.
DPS Commercial Vehicle Enforcement	International Fuel Tax Agreement (IFTA) Clearinghouse	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Commercial Vehicle Enforcement	International Fuel Tax Agreement (IFTA) Clearinghouse	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	International Fuel Tax Agreement (IFTA) Clearinghouse	cv driver record	Planned	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	International Fuel Tax Agreement (IFTA) Clearinghouse	information on violators	Planned	Information on violators provided by a law enforcement agency. May include information about commercial vehicle violations or other kinds of violations associated with the particular entity. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	International Fuel Tax Agreement (IFTA) Clearinghouse	route restrictions	Planned	Information about routes, road segments, and areas that do not allow the transport of security sensitive hazmat cargoes or include other restrictions (such as height or weight limits).
DPS Commercial Vehicle Enforcement	International Fuel Tax Agreement (IFTA) Clearinghouse	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	International Fuel Tax Agreement (IFTA) Clearinghouse	targeted list	Existing	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.
DPS Commercial Vehicle Enforcement	International Fuel Tax Agreement (IFTA) Clearinghouse	trigger area definition	Planned	Information that defines the desired trigger area for wireless roadside inspection safety data message submission.
DPS Commercial Vehicle Enforcement	International Fuel Tax Agreement (IFTA) Clearinghouse	trigger control	Planned	Controls to enable or disable a particular trigger.
DPS Commercial Vehicle Enforcement	International Registration Plan (IRP) Clearinghouse	accident report	Planned	Report of commercial vehicle safety accident. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Commercial Vehicle Enforcement	International Registration Plan (IRP) Clearinghouse	citation	Planned	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	International Registration Plan (IRP) Clearinghouse	commercial vehicle permit information	Planned	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	International Registration Plan (IRP) Clearinghouse	credential fee coordination	Planned	Description of fees, taxes and similar charges related to commercial vehicle credentials. In US and Canada, this includes rates for credentials that are exchanged between agencies via IRP, IFTA, etc.
DPS Commercial Vehicle Enforcement	International Registration Plan (IRP) Clearinghouse	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	International Registration Plan (IRP) Clearinghouse	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	International Registration Plan (IRP) Clearinghouse	cv driver record	Planned	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	International Registration Plan (IRP) Clearinghouse	information on violators	Planned	Information on violators provided by a law enforcement agency. May include information about commercial vehicle violations or other kinds of violations associated with the particular entity. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	International Registration Plan (IRP) Clearinghouse	route restrictions	Planned	Information about routes, road segments, and areas that do not allow the transport of security sensitive hazmat cargoes or include other restrictions (such as height or weight limits).
DPS Commercial Vehicle Enforcement	International Registration Plan (IRP) Clearinghouse	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	International Registration Plan (IRP) Clearinghouse	targeted list	Existing	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Commercial Vehicle Enforcement	International Registration Plan (IRP) Clearinghouse	trigger area definition	Planned	Information that defines the desired trigger area for wireless roadside inspection safety data message submission.
DPS Commercial Vehicle Enforcement	International Registration Plan (IRP) Clearinghouse	trigger control	Planned	Controls to enable or disable a particular trigger.
DPS Commercial Vehicle Enforcement	POE Data Archive	commercial vehicle archive data	Planned	Information describing commercial vehicle travel and commodity flow characteristics. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
DPS Commercial Vehicle Enforcement	Safety Fitness Electronic Record (SAFER)	accident report	Existing	Report of commercial vehicle safety accident. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	Safety Fitness Electronic Record (SAFER)	citation	Existing	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	Safety Fitness Electronic Record (SAFER)	commercial vehicle permit information	Existing	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	Safety Fitness Electronic Record (SAFER)	commercial vehicle violation notification	Existing	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.
DPS Commercial Vehicle Enforcement	Safety Fitness Electronic Record (SAFER)	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	Safety Fitness Electronic Record (SAFER)	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	Safety Fitness Electronic Record (SAFER)	daily site activity data	Existing	Record of daily activities at commercial vehicle check stations including summaries of screening events and inspections.
DPS Commercial Vehicle Enforcement	Safety Fitness Electronic Record (SAFER)	safety inspection report	Existing	Report containing results of commercial vehicle safety inspection. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Commercial Vehicle Enforcement	Safety Fitness Electronic Record (SAFER)	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
DPS Commercial Vehicle Enforcement	Safety Fitness Electronic Record (SAFER)	targeted list	Existing	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.
DPS Commercial Vehicle Enforcement	Safety Fitness Electronic Record (SAFER)	trigger area definition	Planned	Information that defines the desired trigger area for wireless roadside inspection safety data message submission.
DPS Commercial Vehicle Enforcement	Safety Fitness Electronic Record (SAFER)	trigger control	Planned	Controls to enable or disable a particular trigger.
DPS Console Interface (Other LE)	ADOT ECD Dispatch	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DPS Console Interface (Other LE)	ADOT ECD Dispatch	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DPS Console Interface (Other LE)	ADOT ECD Dispatch	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DPS Console Interface (Other LE)	ADOT ECD Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DPS Console Interface (Other LE)	ADOT ECD Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DPS Console Interface (Other LE)	ADOT ECD Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DPS Console Interface (Other LE)	ADOT ECD Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Console Interface (Other LE)	ADOT ECD Dispatch	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DPS Console Interface (Other LE)	ADOT ECD Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DPS Console Interface (Other LE)	ADOT HazMat Response Team	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DPS Console Interface (Other LE)	ADOT HazMat Response Team	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DPS Console Interface (Other LE)	ADOT HazMat Response Team	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DPS Console Interface (Other LE)	ADOT HazMat Response Team	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DPS Console Interface (Other LE)	ADOT HazMat Response Team	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DPS Console Interface (Other LE)	ADOT HazMat Response Team	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DPS Console Interface (Other LE)	ADOT HazMat Response Team	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DPS Console Interface (Other LE)	ADOT HazMat Response Team	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Console Interface (Other LE)	ADOT HazMat Response Team	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DPS Console Interface (Other LE)	ADOT TOC and EMC	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DPS Console Interface (Other LE)	ADOT TOC and EMC	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DPS Console Interface (Other LE)	ADOT TOC and EMC	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DPS Console Interface (Other LE)	ADOT TOC and EMC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DPS Console Interface (Other LE)	ADOT TOC and EMC	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DPS Console Interface (Other LE)	ADOT TOC and EMC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DPS Console Interface (Other LE)	ADOT TOC and EMC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DPS Console Interface (Other LE)	ADOT TOC and EMC	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DPS Console Interface (Other LE)	ADOT TOC and EMC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Console Interface (Other LE)	CHP Dispatch	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DPS Console Interface (Other LE)	CHP Dispatch	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DPS Console Interface (Other LE)	CHP Dispatch	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DPS Console Interface (Other LE)	CHP Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DPS Console Interface (Other LE)	CHP Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DPS Console Interface (Other LE)	CHP Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DPS Console Interface (Other LE)	CHP Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DPS Console Interface (Other LE)	CHP Dispatch	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DPS Console Interface (Other LE)	CHP Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DPS Console Interface (Other LE)	Cities and Towns Police and Fire Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Console Interface (Other LE)	Cities and Towns Police and Fire Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DPS Console Interface (Other LE)	Cities and Towns Police and Fire Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DPS Console Interface (Other LE)	Cities and Towns Police and Fire Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DPS Console Interface (Other LE)	Cities and Towns Police and Fire Dispatch	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DPS Console Interface (Other LE)	Cities and Towns Police and Fire Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DPS Console Interface (Other LE)	Cities and Towns Police and Fire Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DPS Console Interface (Other LE)	Cities and Towns Police and Fire Dispatch	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DPS Console Interface (Other LE)	Cities and Towns Police and Fire Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DPS Console Interface (Other LE)	DEMA SEOC Arizona DEM Military Affairs	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DPS Console Interface (Other LE)	DEMA SEOC Arizona DEM Military Affairs	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Console Interface (Other LE)	DEMA SEOC Arizona DEM Military Affairs	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DPS Console Interface (Other LE)	DEMA SEOC Arizona DEM Military Affairs	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DPS Console Interface (Other LE)	DEMA SEOC Arizona DEM Military Affairs	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DPS Console Interface (Other LE)	DEMA SEOC Arizona DEM Military Affairs	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DPS Console Interface (Other LE)	DEMA SEOC Arizona DEM Military Affairs	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DPS Console Interface (Other LE)	DEMA SEOC Arizona DEM Military Affairs	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DPS Console Interface (Other LE)	DEMA SEOC Arizona DEM Military Affairs	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DPS Console Interface (Other LE)	DPS Central Communications Center	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DPS Console Interface (Other LE)	DPS Central Communications Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DPS Console Interface (Other LE)	DPS Central Communications Center	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Console Interface (Other LE)	DPS Central Communications Center	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DPS Console Interface (Other LE)	DPS Central Communications Center	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DPS Console Interface (Other LE)	DPS Central Communications Center	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DPS Console Interface (Other LE)	DPS Central Communications Center	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DPS Console Interface (Other LE)	DPS Central Communications Center	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DPS Console Interface (Other LE)	DPS Central Communications Center	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DPS Console Interface (Other LE)	Maricopa County EOC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DPS Console Interface (Other LE)	Maricopa County EOC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DPS Console Interface (Other LE)	Maricopa County EOC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DPS Console Interface (Other LE)	Maricopa County EOC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DPS Console Interface (Other LE)	Maricopa County EOC	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Console Interface (Other LE)	Maricopa County EOC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DPS Console Interface (Other LE)	Maricopa County EOC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DPS Console Interface (Other LE)	Maricopa County EOC	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DPS Console Interface (Other LE)	Maricopa County EOC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DPS Console Interface (Other LE)	Mexico Customs and Border Patrol	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DPS Console Interface (Other LE)	Mexico Customs and Border Patrol	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DPS Console Interface (Other LE)	Mexico Customs and Border Patrol	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DPS Console Interface (Other LE)	Mexico Customs and Border Patrol	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DPS Console Interface (Other LE)	Mexico Customs and Border Patrol	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DPS Console Interface (Other LE)	Mexico Customs and Border Patrol	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Console Interface (Other LE)	Mexico Customs and Border Patrol	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DPS Console Interface (Other LE)	Mexico Customs and Border Patrol	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DPS Console Interface (Other LE)	Mexico Customs and Border Patrol	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DPS Console Interface (Other LE)	Mexico Public Safety	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DPS Console Interface (Other LE)	Mexico Public Safety	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DPS Console Interface (Other LE)	Mexico Public Safety	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DPS Console Interface (Other LE)	Mexico Public Safety	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DPS Console Interface (Other LE)	Mexico Public Safety	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DPS Console Interface (Other LE)	Mexico Public Safety	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DPS Console Interface (Other LE)	Mexico Public Safety	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DPS Console Interface (Other LE)	Mexico Public Safety	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Console Interface (Other LE)	Mexico Public Safety	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DPS Console Interface (Other LE)	Nevada State Police Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DPS Console Interface (Other LE)	Nevada State Police Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DPS Console Interface (Other LE)	Nevada State Police Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DPS Console Interface (Other LE)	Nevada State Police Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DPS Console Interface (Other LE)	Nevada State Police Dispatch	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DPS Console Interface (Other LE)	Nevada State Police Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DPS Console Interface (Other LE)	Nevada State Police Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DPS Console Interface (Other LE)	Nevada State Police Dispatch	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DPS Console Interface (Other LE)	Nevada State Police Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Information Flows – Tabular Format (sorted by Source Element)

RAD-IT Table

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Console Interface (Other LE)	Tribal Public Safety Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DPS Console Interface (Other LE)	Tribal Public Safety Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DPS Console Interface (Other LE)	Tribal Public Safety Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DPS Console Interface (Other LE)	Tribal Public Safety Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DPS Console Interface (Other LE)	Tribal Public Safety Dispatch	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DPS Console Interface (Other LE)	Tribal Public Safety Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DPS Console Interface (Other LE)	Tribal Public Safety Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DPS Console Interface (Other LE)	Tribal Public Safety Dispatch	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DPS Console Interface (Other LE)	Tribal Public Safety Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DPS Console Interface (Other LE)	US Border Patrol Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Console Interface (Other LE)	US Border Patrol Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DPS Console Interface (Other LE)	US Border Patrol Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DPS Console Interface (Other LE)	US Border Patrol Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DPS Console Interface (Other LE)	US Border Patrol Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DPS Console Interface (Other LE)	US Border Patrol Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DPS Console Interface (Other LE)	US Border Patrol Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DPS Data Archive	ADOT AZ Crash Information System (ACIS)	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
DPS Data Archive	ADOT HPMS Data Archive	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
DPS Data Archive	ADOT Incident Response Unit (IRU)	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
DPS Data Archive	ADOT TOC Data User System	archive analysis results	Planned	Processed information products, supporting meta data, and any associated transaction information resulting from data mining, analytical processing, aggregation or summarization, report formulation, or other on-line processing and analysis of archived data.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Data Archive	ADOT TOC Data User System	archive request confirmation	Planned	Confirmation that an archive request has been received and processed with information on the disposition of the request.
DPS Data Archive	ADOT TOC Data User System	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
DPS Data Archive	Archive Data Users	archive analysis results	Existing	Processed information products, supporting meta data, and any associated transaction information resulting from data mining, analytical processing, aggregation or summarization, report formulation, or other on-line processing and analysis of archived data.
DPS Data Archive	Archive Data Users	archive request confirmation	Existing	Confirmation that an archive request has been received and processed with information on the disposition of the request.
DPS Data Archive	Archive Data Users	archived data products	Existing	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
DPS Data Archive	DEMA Data Archive	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
DPS Data Archive	DEMA Data User Systems	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
DPS Data Archive	DPS Central Communications Center	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
DPS Data Archive	DPS Commercial Vehicle Enforcement	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
DPS Data Archive	DPS Data User Systems	archived data products	Existing	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
DPS Data Archive	International Fuel Tax Agreement (IFTA) Clearinghouse	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
DPS Data Archive	MAG Data User Systems	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
DPS Data Archive	Mexico Customs and Border Patrol	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Data Archive	Mexico Public Safety	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
DPS Data Archive	NOAA _National Weather Service	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
DPS Data Archive	PAG Planning Traffic Database	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
DPS Data Archive	POE Administration Center	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
DPS Data Archive	POE Data Archive	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
DPS Data Archive	Safety Fitness Electronic Record (SAFER)	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
DPS Data Archive	Tribal Data Archive	archive coordination	Existing	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
DPS Data Archive	Tribal Public Safety Dispatch	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
DPS Data Archive	Wide Area Alerting Systems	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
DPS Data User Systems	DEMA Data Archive	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
DPS Data User Systems	DPS Data Archive	archived data product requests	Existing	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS HazMat Team	ADOT HazMat Response Team	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DPS HazMat Team	ADOT HazMat Response Team	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DPS HazMat Team	ADOT HazMat Response Team	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DPS HazMat Team	ADOT Incident Response Unit (IRU)	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DPS HazMat Team	ADOT Incident Response Unit (IRU)	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DPS HazMat Team	ADOT Incident Response Unit (IRU)	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DPS HazMat Team	ADOT Incident Response Unit (IRU)	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS HazMat Team	ADOT Incident Response Unit (IRU)	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
DPS HazMat Team	ADOT Incident Response Unit (IRU)	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DPS HazMat Team	DEMA CRT - HazMat Response Team	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DPS HazMat Team	DEMA CRT - HazMat Response Team	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
DPS HazMat Team	DEMA CRT - HazMat Response Team	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DPS HazMat Team	DEMA CRT - HazMat Response Team	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DPS HazMat Team	DEMA CRT - HazMat Response Team	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
DPS HazMat Team	DEMA CRT - HazMat Response Team	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DPS HazMat Team	DEMA CRT - HazMat Response Team	resource request	Existing	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS HazMat Team	Railroad Operations Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DPS Network Operations Center - NOC	ADOT TOC and EMC	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
DPS Network Operations Center - NOC	ADOT TOC and EMC	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
DPS Network Operations Center - NOC	ADOT TOC and EMC	device control request	Planned	Request for device control action
DPS Network Operations Center - NOC	ADOT TOC and EMC	device data	Planned	Data from detectors, environmental sensor stations, roadside equipment, and traffic control devices, including device inventory information.
DPS Network Operations Center - NOC	ADOT TOC and EMC	device status	Planned	Status information from devices
DPS Network Operations Center - NOC	ADOT TOC and EMC	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
DPS Network Operations Center - NOC	ADOT TOC and EMC	emergency traffic control request	Planned	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
DPS Network Operations Center - NOC	ADOT TOC and EMC	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
DPS Network Operations Center - NOC	ADOT TOC and EMC	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
DPS Network Operations Center - NOC	ADOT TOC and EMC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Network Operations Center - NOC	ADOT TOC and EMC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
DPS Network Operations Center - NOC	ADOT TOC and EMC	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
DPS Network Operations Center - NOC	ADOT TOC and EMC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
DPS Network Operations Center - NOC	ADOT TOC and EMC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
DPS Network Operations Center - NOC	ADOT TOC and EMC	remote surveillance control	Planned	The control commands used to remotely operate another center's sensors or surveillance equipment so that roadside surveillance assets can be shared by more than one agency.
DPS Network Operations Center - NOC	ADOT TOC and EMC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
DPS Network Operations Center - NOC	ADOT TOC and EMC	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
DPS Network Operations Center - NOC	ADOT TOC and EMC	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
DPS Network Operations Center - NOC	ADOT TOC and EMC	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
DPS Network Operations Center - NOC	ADOT TOC and EMC	threat information	Planned	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Network Operations Center - NOC	ADOT TOC and EMC	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
DPS Network Operations Center - NOC	ADOT TOC and EMC	traffic image meta data	Planned	Meta data that describes traffic images. Traffic images (video) are in another flow.
DPS Network Operations Center - NOC	ADOT TOC and EMC	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
DPS Network Operations Center - NOC	ADOT TOC and EMC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
DPS RMA Vehicles	ADOT CV Roadside Equipment	local signal preemption request	Planned	Direct control signal or message to a signalized intersection that results in preemption of the current control plan and grants right-of-way to the requesting vehicle.
DPS RMA Vehicles	ADOT CV Roadside Equipment	vehicle location and motion	Planned	Data describing the vehicle's location in three dimensions, heading, speed, acceleration, braking status, and size.
DPS RMA Vehicles	DPS Central Communications Center	emergency dispatch response	Existing	Request for additional emergency dispatch information and provision of en route status.
DPS RMA Vehicles	DPS Central Communications Center	emergency vehicle tracking data	Existing	The current location and operating status of the emergency vehicle.
DPS RMA Vehicles	DPS Central Communications Center	incident scene status	Planned	Information gathered at the incident site that more completely characterizes the incident and provides current incident response status.
DPS RMA Vehicles	DPS Central Communications Center	service patrol dispatch response	Existing	Request for additional dispatch information and provision of en route status.
DPS RMA Vehicles	DPS Central Communications Center	service patrol incident status	Existing	Information gathered at the incident site by a service patrol vehicle that more completely characterizes the incident, the services provided, and clearance status.
DPS Roadside Safety Inspection	ADOT ECD CVO Administration Center	accident report	Planned	Report of commercial vehicle safety accident. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Roadside Safety Inspection	ADOT ECD CVO Administration Center	citation	Planned	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Roadside Safety Inspection	ADOT ECD CVO Administration Center	commercial vehicle violation notification	Planned	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.
DPS Roadside Safety Inspection	ADOT ECD CVO Administration Center	daily site activity data	Planned	Record of daily activities at commercial vehicle check stations including summaries of screening events and inspections.
DPS Roadside Safety Inspection	ADOT ECD CVO Administration Center	information on violators	Planned	Information on violators provided by a law enforcement agency. May include information about commercial vehicle violations or other kinds of violations associated with the particular entity. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Roadside Safety Inspection	ADOT ECD CVO Administration Center	safety inspection report	Planned	Report containing results of commercial vehicle safety inspection. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Roadside Safety Inspection	ADOT ECD CVO Administration Center	targeted list	Planned	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.
DPS Roadside Safety Inspection	ADOT ECD CVO Administration Center	weigh-in-motion information	Planned	Information from commercial vehicle virtual weigh-in-motion systems including vehicle weight, vehicle dimensions, vehicle identification and driver identification.
DPS Roadside Safety Inspection	ADOT Electronic Bypass Stations	information on violators	Existing	Information on violators provided by a law enforcement agency. May include information about commercial vehicle violations or other kinds of violations associated with the particular entity. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Roadside Safety Inspection	ADOT MVD Commercial Vehicle Administration	accident report	Existing	Report of commercial vehicle safety accident. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Roadside Safety Inspection	ADOT MVD Commercial Vehicle Administration	citation	Existing	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Roadside Safety Inspection	ADOT MVD Commercial Vehicle Administration	commercial vehicle violation notification	Existing	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Roadside Safety Inspection	ADOT MVD Commercial Vehicle Administration	daily site activity data	Existing	Record of daily activities at commercial vehicle check stations including summaries of screening events and inspections.
DPS Roadside Safety Inspection	ADOT MVD Commercial Vehicle Administration	information on violators	Planned	Information on violators provided by a law enforcement agency. May include information about commercial vehicle violations or other kinds of violations associated with the particular entity. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Roadside Safety Inspection	ADOT MVD Commercial Vehicle Administration	safety inspection report	Existing	Report containing results of commercial vehicle safety inspection. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Roadside Safety Inspection	ADOT MVD Commercial Vehicle Administration	targeted list	Existing	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.
DPS Roadside Safety Inspection	ADOT MVD Commercial Vehicle Administration	weigh-in-motion information	Existing	Information from commercial vehicle virtual weigh-in-motion systems including vehicle weight, vehicle dimensions, vehicle identification and driver identification.
DPS Roadside Safety Inspection	ADOT WIM Stations	information on violators	Existing	Information on violators provided by a law enforcement agency. May include information about commercial vehicle violations or other kinds of violations associated with the particular entity. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Roadside Safety Inspection	Commercial Vehicle Driver and Vehicle Verification Systems	accident report	Existing	Report of commercial vehicle safety accident. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Roadside Safety Inspection	Commercial Vehicle Driver and Vehicle Verification Systems	citation	Existing	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Roadside Safety Inspection	Commercial Vehicle Driver and Vehicle Verification Systems	commercial vehicle violation notification	Existing	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.
DPS Roadside Safety Inspection	Commercial Vehicle Driver and Vehicle Verification Systems	daily site activity data	Existing	Record of daily activities at commercial vehicle check stations including summaries of screening events and inspections.
DPS Roadside Safety Inspection	Commercial Vehicle Driver and Vehicle Verification Systems	information on violators	Planned	Information on violators provided by a law enforcement agency. May include information about commercial vehicle violations or other kinds of violations associated with the particular entity. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Roadside Safety Inspection	Commercial Vehicle Driver and Vehicle Verification Systems	safety inspection report	Existing	Report containing results of commercial vehicle safety inspection. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Roadside Safety Inspection	Commercial Vehicle Driver and Vehicle Verification Systems	targeted list	Existing	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.
DPS Roadside Safety Inspection	Commercial Vehicle Driver and Vehicle Verification Systems	weigh-in-motion information	Existing	Information from commercial vehicle virtual weigh-in-motion systems including vehicle weight, vehicle dimensions, vehicle identification and driver identification.
DPS Roadside Safety Inspection	Commercial Vehicles	request tag data	Planned	Request for tag information including tag id and associated data.
DPS Roadside Safety Inspection	DEMA Enforcement	commercial vehicle violation notification	Existing	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.
DPS Roadside Safety Inspection	DPS Central Communications Center	commercial vehicle incident notification	Planned	Information about a Commercial Vehicle or Freight Equipment breach, non-permitted security sensitive hazmat detected at the roadside, route deviation, or Commercial Vehicle Driver / Commercial Vehicle / Freight Equipment assignment mismatches which includes the location of the Commercial Vehicle and appropriate identities. May carry information that enables incident reporting to responders, and also includes the type of vehicle and cargo concerned.
DPS Roadside Safety Inspection	DPS Commercial Vehicle Enforcement	accident report	Existing	Report of commercial vehicle safety accident. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Roadside Safety Inspection	DPS Commercial Vehicle Enforcement	citation	Existing	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Roadside Safety Inspection	DPS Commercial Vehicle Enforcement	commercial vehicle violation notification	Existing	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.
DPS Roadside Safety Inspection	DPS Commercial Vehicle Enforcement	daily site activity data	Existing	Record of daily activities at commercial vehicle check stations including summaries of screening events and inspections.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Roadside Safety Inspection	DPS Commercial Vehicle Enforcement	information on violators	Planned	Information on violators provided by a law enforcement agency. May include information about commercial vehicle violations or other kinds of violations associated with the particular entity. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Roadside Safety Inspection	DPS Commercial Vehicle Enforcement	safety inspection report	Existing	Report containing results of commercial vehicle safety inspection. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Roadside Safety Inspection	DPS Commercial Vehicle Enforcement	targeted list	Existing	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.
DPS Roadside Safety Inspection	DPS Commercial Vehicle Enforcement	weigh-in-motion information	Existing	Information from commercial vehicle virtual weigh-in-motion systems including vehicle weight, vehicle dimensions, vehicle identification and driver identification.
DPS Roadside Safety Inspection	International Fuel Tax Agreement (IFTA) Clearinghouse	citation	Existing	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Roadside Safety Inspection	International Fuel Tax Agreement (IFTA) Clearinghouse	commercial vehicle violation notification	Existing	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.
DPS Roadside Safety Inspection	International Fuel Tax Agreement (IFTA) Clearinghouse	daily site activity data	Existing	Record of daily activities at commercial vehicle check stations including summaries of screening events and inspections.
DPS Roadside Safety Inspection	International Fuel Tax Agreement (IFTA) Clearinghouse	information on violators	Planned	Information on violators provided by a law enforcement agency. May include information about commercial vehicle violations or other kinds of violations associated with the particular entity. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Roadside Safety Inspection	International Fuel Tax Agreement (IFTA) Clearinghouse	targeted list	Existing	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.
DPS Roadside Safety Inspection	International Fuel Tax Agreement (IFTA) Clearinghouse	weigh-in-motion information	Existing	Information from commercial vehicle virtual weigh-in-motion systems including vehicle weight, vehicle dimensions, vehicle identification and driver identification.
DPS Roadside Safety Inspection	International Registration Plan (IRP) Clearinghouse	accident report	Existing	Report of commercial vehicle safety accident. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Roadside Safety Inspection	International Registration Plan (IRP) Clearinghouse	citation	Existing	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Roadside Safety Inspection	International Registration Plan (IRP) Clearinghouse	commercial vehicle violation notification	Existing	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.
DPS Roadside Safety Inspection	International Registration Plan (IRP) Clearinghouse	daily site activity data	Existing	Record of daily activities at commercial vehicle check stations including summaries of screening events and inspections.
DPS Roadside Safety Inspection	International Registration Plan (IRP) Clearinghouse	information on violators	Planned	Information on violators provided by a law enforcement agency. May include information about commercial vehicle violations or other kinds of violations associated with the particular entity. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Roadside Safety Inspection	International Registration Plan (IRP) Clearinghouse	safety inspection report	Existing	Report containing results of commercial vehicle safety inspection. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Roadside Safety Inspection	International Registration Plan (IRP) Clearinghouse	targeted list	Existing	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.
DPS Roadside Safety Inspection	International Registration Plan (IRP) Clearinghouse	weigh-in-motion information	Existing	Information from commercial vehicle virtual weigh-in-motion systems including vehicle weight, vehicle dimensions, vehicle identification and driver identification.
DPS Roadside Safety Inspection	Safety Fitness Electronic Record (SAFER)	accident report	Existing	Report of commercial vehicle safety accident. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Roadside Safety Inspection	Safety Fitness Electronic Record (SAFER)	citation	Existing	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Roadside Safety Inspection	Safety Fitness Electronic Record (SAFER)	commercial vehicle violation notification	Existing	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Roadside Safety Inspection	Safety Fitness Electronic Record (SAFER)	daily site activity data	Existing	Record of daily activities at commercial vehicle check stations including summaries of screening events and inspections.
DPS Roadside Safety Inspection	Safety Fitness Electronic Record (SAFER)	safety inspection report	Existing	Report containing results of commercial vehicle safety inspection. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
DPS Roadside Safety Inspection	Safety Fitness Electronic Record (SAFER)	targeted list	Existing	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.
DPS Roadside Safety Inspection	Safety Fitness Electronic Record (SAFER)	weigh-in-motion information	Existing	Information from commercial vehicle virtual weigh-in-motion systems including vehicle weight, vehicle dimensions, vehicle identification and driver identification.
DPS Vehicles	ADOT ITS Field Equipment	local signal preemption request	Planned	Direct control signal or message to a signalized intersection that results in preemption of the current control plan and grants right-of-way to the requesting vehicle.
DPS Vehicles	DPS Central Communications Center	emergency dispatch response	Existing	Request for additional emergency dispatch information and provision of en route status.
DPS Vehicles	DPS Central Communications Center	emergency vehicle tracking data	Existing	The current location and operating status of the emergency vehicle.
DPS Vehicles	DPS Central Communications Center	incident scene status	Planned	Information gathered at the incident site that more completely characterizes the incident and provides current incident response status.
DPS Vehicles	DPS Central Communications Center	road closure notification	Planned	Notification that agency personnel have closed a road due to adverse weather, major incident, or other reason.
DPS Vehicles	DPS Central Communications Center	service patrol dispatch response	Existing	Request for additional dispatch information and provision of en route status.
DPS Vehicles	DPS Central Communications Center	service patrol incident status	Existing	Information gathered at the incident site by a service patrol vehicle that more completely characterizes the incident, the services provided, and clearance status.
DPS Wireless Systems Bureau	ADOT Engineering Districts	maint and constr resource coordination	Planned	Request for road maintenance and construction resources that can be used in the diversion of traffic (cones, portable signs), clearance of a road hazard, repair of ancillary damage, or any other incident response.
DPS Wireless Systems Bureau	ADOT Engineering Districts	roadway maintenance status	Planned	Summary of maintenance fleet operations affecting the road network. This includes the status of winter maintenance (snow plow schedule and current status).
DPS Wireless Systems Bureau	Cities and Towns Public Works	maint and constr resource coordination	Planned	Request for road maintenance and construction resources that can be used in the diversion of traffic (cones, portable signs), clearance of a road hazard, repair of ancillary damage, or any other incident response.
DPS Wireless Systems Bureau	Cities and Towns Public Works	road weather information	Planned	Road conditions and weather information that are made available by road maintenance operations to other transportation system operators.
DPS Wireless Systems Bureau	Cities and Towns Public Works	work zone information	Planned	Summary of maintenance and construction work zone activities affecting the road network including the nature of the maintenance or construction activity, location, impact to the roadway, expected time(s) and duration of impact, anticipated delays, alternate routes, and suggested speed limits. This information may be augmented with images that provide a visual indication of current work zone status and traffic impacts.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
DPS Wireless Systems Bureau	County Public Works	maint and constr resource coordination	Planned	Request for road maintenance and construction resources that can be used in the diversion of traffic (cones, portable signs), clearance of a road hazard, repair of ancillary damage, or any other incident response.
DPS Wireless Systems Bureau	County Public Works	road weather information	Planned	Road conditions and weather information that are made available by road maintenance operations to other transportation system operators.
DPS Wireless Systems Bureau	County Public Works	roadway maintenance status	Planned	Summary of maintenance fleet operations affecting the road network. This includes the status of winter maintenance (snow plow schedule and current status).
Driver Identification Card	Commercial Vehicles	cv driver credential	Planned	Driver information (e.g., identity, biometrics, address, date of birth, endorsements, restrictions) stored on a driver's license or other official identification card used to identify a driver of commercial vehicles.
Driver Identification Card	DPS Roadside Safety Inspection	cv driver credential	Planned	Driver information (e.g., identity, biometrics, address, date of birth, endorsements, restrictions) stored on a driver's license or other official identification card used to identify a driver of commercial vehicles.
Electric Utilities	Electric Vehicle Charging Stations	meter control	Planned	Control of meter to modify reporting data and intervals, and to enable controls over meter use, which could include current limits.
Electric Utilities	Payment Administration Center	usage and billing info	Planned	Account, usage, charging, limits and similar information relevant to electric utility billing.
Electric Vehicle Charging Analytics and Reporting Tool (EV-ChART)	Electric Vehicle Charging Stations	electric charging station management information	Planned	Parameters that support management of an electric charging station. Load balancing, Reservation requests, Hours of operation, display configuration (ads), rules and regulations, etc.
Electric Vehicle Charging Stations	Basic Private Vehicle	current charging status	Planned	Current charging status including current charge rate, estimated time to completion, and cost associated with the charge.
Electric Vehicle Charging Stations	Electric Utilities	meter data	Planned	Report of energy consumption, voltage levels, current, power factor and similar diagnostic and monitoring information.
Electric Vehicle Charging Stations	Electric Vehicle Charging Analytics and Reporting Tool (EV-ChART)	electric charging station data	Planned	Information provided for electric charging stations to the management center identifying the location, operating status, current availability, no-shows, charging capacity, etc.
Electric Vehicle Charging Stations	Payment Administration Center	authorization request	Planned	Request to determine if a transportation user is authorized to use a particular transportation resource.
Electric Vehicle Charging Stations	Private Vehicle OBE	current charging status	Planned	Current charging status including current charge rate, estimated time to completion, and cost associated with the charge.
Emergency Medical Transport/Ambulances	ADOT ITS Field Equipment	local signal preemption request	Planned	Direct control signal or message to a signalized intersection that results in preemption of the current control plan and grants right-of-way to the requesting vehicle.
Emergency Medical Transport/Ambulances	ADOT TOC and EMC	road closure notification	Existing	Notification that agency personnel have closed a road due to adverse weather, major incident, or other reason.
Emergency Medical Transport/Ambulances	Cities and Towns Police and Fire Dispatch	emergency dispatch response	Existing	Request for additional emergency dispatch information and provision of en route status.
Emergency Medical Transport/Ambulances	Cities and Towns Police and Fire Dispatch	emergency vehicle tracking data	Existing	The current location and operating status of the emergency vehicle.
Emergency Medical Transport/Ambulances	County Sheriff Dispatch	emergency dispatch response	Existing	Request for additional emergency dispatch information and provision of en route status.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Emergency Medical Transport/Ambulances	County Sheriff Dispatch	emergency vehicle tracking data	Existing	The current location and operating status of the emergency vehicle.
Emergency Medical Transport/Ambulances	DPS Central Communications Center	emergency dispatch response	Existing	Request for additional emergency dispatch information and provision of en route status.
Emergency Medical Transport/Ambulances	DPS Central Communications Center	emergency vehicle tracking data	Existing	The current location and operating status of the emergency vehicle.
Financial Institution	ADOT MVD Commercial Vehicle Administration	settlement	Planned	Information exchanged to settle charges and distribute or debit accounts appropriate to the authorized charges.
Financial Institution	Cities and Towns Transit Dispatch	settlement	Planned	Information exchanged to settle charges and distribute or debit accounts appropriate to the authorized charges.
Financial Institution	Commercial Vehicle Driver and Vehicle Verification Systems	settlement	Planned	Information exchanged to settle charges and distribute or debit accounts appropriate to the authorized charges.
Financial Institution	DPS Commercial Vehicle Enforcement	settlement	Planned	Information exchanged to settle charges and distribute or debit accounts appropriate to the authorized charges.
Financial Institution	International Fuel Tax Agreement (IFTA) Clearinghouse	settlement	Planned	Information exchanged to settle charges and distribute or debit accounts appropriate to the authorized charges.
Financial Institution	International Registration Plan (IRP) Clearinghouse	settlement	Planned	Information exchanged to settle charges and distribute or debit accounts appropriate to the authorized charges.
Financial Institution	Local Dial-A-Ride Transit Dispatchers	settlement	Planned	Information exchanged to settle charges and distribute or debit accounts appropriate to the authorized charges.
Financial Institution	NAIPTA (dba Mountain Line) Paratransit	settlement	Planned	Information exchanged to settle charges and distribute or debit accounts appropriate to the authorized charges.
Financial Institution	NAIPTA (dba Mountain Line) Transit Management Center	settlement	Planned	Information exchanged to settle charges and distribute or debit accounts appropriate to the authorized charges.
Financial Institution	Payment Administration Center	payment methods financial institution	Planned	A list of valid payment methods accepted by a financial center.
Financial Institution	Payment Administration Center	settlement	Planned	Information exchanged to settle charges and distribute or debit accounts appropriate to the authorized charges.
Financial Institution	Transit Providers Dispatch (Public and Private)	settlement	Planned	Information exchanged to settle charges and distribute or debit accounts appropriate to the authorized charges.
Financial Institution	Tribal Transit Centers	settlement	Planned	Information exchanged to settle charges and distribute or debit accounts appropriate to the authorized charges.
Financial Institution	Yuma County Area Transit (YCAT)	settlement	Planned	Information exchanged to settle charges and distribute or debit accounts appropriate to the authorized charges.
Fleet Management Systems	ADOT ECD CVO Administration Center	audit data	Planned	Information to support a tax audit.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Fleet Management Systems	ADOT ECD CVO Administration Center	credential application	Planned	Application for commercial vehicle credentials. Authorization for payment is included. It contains details about the administrative request for a Freight Vehicle registration. It also carries the acknowledgement that a payment has been placed in the bank account of the administration by the Fleet Operator. This information flow includes fleet operator request ID, vehicle characteristics, transport need (origin and destination), electronic signature and date of payment.
Fleet Management Systems	ADOT ECD CVO Administration Center	cv repair status	Planned	Information about the completion of a repair to a commercial vehicle.
Fleet Management Systems	ADOT ECD CVO Administration Center	driver log	Planned	A daily log showing hours in service for the current driver. The query flow is not explicitly shown.
Fleet Management Systems	ADOT ECD CVO Administration Center	expedited clearance registration	Planned	Registration of the importer, carrier, conveyance, and driver, as applicable, for border clearance programs such as FAST, Customs Self Assessment (Canada), C-TPAT (US), PIP (Canada), ACI (Canada), and ACE (US). Includes electronic filing of forms and associated payment.
Fleet Management Systems	ADOT ECD CVO Administration Center	manifest data	Planned	Identifies Port of Entry, date, and information on carrier and goods, origin, etc.
Fleet Management Systems	ADOT ECD CVO Administration Center	on-board safety data	Planned	Safety data measured by on-board sensors. Includes information about the vehicle, vehicle components, cargo, and driver. The query flow is not explicitly shown.
Fleet Management Systems	ADOT ECD CVO Administration Center	request for permit	Planned	Request for commercial vehicle permits including oversize, overweight, or hazmat permit. It contains details about the administrative request for conveying hazardous goods. This information flow identifies the freight operator, vehicle dimensions, vehicle weight, hazardous goods characteristics, transport need (origin and destination) and electronic signature.
Fleet Management Systems	ADOT ECD CVO Administration Center	tax filing	Planned	Commercial vehicle tax filing data. Authorization for payment is included.
Fleet Management Systems	ADOT ECD CVO Administration Center	unique identifiers	Planned	Unique identifiers for the motor carrier, driver, and vehicle. This flow identifies the driver actually operating the vehicle in multi-driver scenarios.
Fleet Management Systems	ADOT ECD Dispatch	hazmat information	Existing	Information about a particular hazmat load including nature of the load and unloading instructions. May also include hazmat vehicle route and route update information.
Fleet Management Systems	ADOT MVD Commercial Vehicle Administration	audit data	Planned	Information to support a tax audit.
Fleet Management Systems	ADOT MVD Commercial Vehicle Administration	credential application	Planned	Application for commercial vehicle credentials. Authorization for payment is included. It contains details about the administrative request for a Freight Vehicle registration. It also carries the acknowledgement that a payment has been placed in the bank account of the administration by the Fleet Operator. This information flow includes fleet operator request ID, vehicle characteristics, transport need (origin and destination), electronic signature and date of payment.
Fleet Management Systems	ADOT MVD Commercial Vehicle Administration	cv repair status	Planned	Information about the completion of a repair to a commercial vehicle.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Fleet Management Systems	ADOT MVD Commercial Vehicle Administration	driver log	Planned	A daily log showing hours in service for the current driver. The query flow is not explicitly shown.
Fleet Management Systems	ADOT MVD Commercial Vehicle Administration	on-board safety data	Planned	Safety data measured by on-board sensors. Includes information about the vehicle, vehicle components, cargo, and driver. The query flow is not explicitly shown.
Fleet Management Systems	ADOT MVD Commercial Vehicle Administration	request for permit	Planned	Request for commercial vehicle permits including oversize, overweight, or hazmat permit. It contains details about the administrative request for conveying hazardous goods. This information flow identifies the freight operator, vehicle dimensions, vehicle weight, hazardous goods characteristics, transport need (origin and destination) and electronic signature.
Fleet Management Systems	ADOT MVD Commercial Vehicle Administration	tax filing	Planned	Commercial vehicle tax filing data. Authorization for payment is included.
Fleet Management Systems	ADOT MVD Commercial Vehicle Administration	unique identifiers	Planned	Unique identifiers for the motor carrier, driver, and vehicle. This flow identifies the driver actually operating the vehicle in multi-driver scenarios.
Fleet Management Systems	ADOT TOC Traffic Information Center	commercial vehicle trip information	Planned	Information about vehicle trips including load information, location, speed, and routing. The information would be sanitized for distribution outside of the commercial vehicle company.
Fleet Management Systems	ADOT TOC Traffic Information Center	freight traveler information preferences	Planned	Traveler information preferences from fleet and freight management systems or commercial vehicle drivers including: area covered by fleet/driver, types of freight managed (including special restrictions), preferred routes, other travel preferences pertaining to trip costs or tolls. Also covers revised trip planning requirements for trips already underway.
Fleet Management Systems	Commercial Vehicle Driver and Vehicle Verification Systems	audit data	Planned	Information to support a tax audit.
Fleet Management Systems	Commercial Vehicle Driver and Vehicle Verification Systems	credential application	Planned	Application for commercial vehicle credentials. Authorization for payment is included. It contains details about the administrative request for a Freight Vehicle registration. It also carries the acknowledgement that a payment has been placed in the bank account of the administration by the Fleet Operator. This information flow includes fleet operator request ID, vehicle characteristics, transport need (origin and destination), electronic signature and date of payment.
Fleet Management Systems	Commercial Vehicle Driver and Vehicle Verification Systems	cv repair status	Planned	Information about the completion of a repair to a commercial vehicle.
Fleet Management Systems	Commercial Vehicle Driver and Vehicle Verification Systems	driver log	Planned	A daily log showing hours in service for the current driver. The query flow is not explicitly shown.
Fleet Management Systems	Commercial Vehicle Driver and Vehicle Verification Systems	on-board safety data	Planned	Safety data measured by on-board sensors. Includes information about the vehicle, vehicle components, cargo, and driver. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Fleet Management Systems	Commercial Vehicle Driver and Vehicle Verification Systems	request for permit	Planned	Request for commercial vehicle permits including oversize, overweight, or hazmat permit. It contains details about the administrative request for conveying hazardous goods. This information flow identifies the freight operator, vehicle dimensions, vehicle weight, hazardous goods characteristics, transport need (origin and destination) and electronic signature.
Fleet Management Systems	Commercial Vehicle Driver and Vehicle Verification Systems	tax filing	Planned	Commercial vehicle tax filing data. Authorization for payment is included.
Fleet Management Systems	Commercial Vehicle Driver and Vehicle Verification Systems	unique identifiers	Planned	Unique identifiers for the motor carrier, driver, and vehicle. This flow identifies the driver actually operating the vehicle in multi-driver scenarios.
Fleet Management Systems	Commercial Vehicles	driver log	Planned	A daily log showing hours in service for the current driver. The query flow is not explicitly shown.
Fleet Management Systems	Commercial Vehicles	fleet to driver update	Existing	Updated instructions to the driver including dispatch, routing, travel and parking information, and special instructions. Special instructions include incident management instruction, operational tasks, impacted transport orders in case of an incident, task descriptions with trip/route/load plan, transport order status information, driver information, vehicle information, cargo information and trip information.
Fleet Management Systems	Commercial Vehicles	safety inspection record	Planned	Record containing results of commercial vehicle safety inspection.
Fleet Management Systems	Commercial Vehicles	trigger area	Planned	A geographic area a commercial motor vehicle crosses into, which initiates a request to compile and transmit a safety data message. May be associated with a time period.
Fleet Management Systems	Commercial Vehicles	trigger area notification	Planned	Notification to activate wireless roadside inspection safety data message collection.
Fleet Management Systems	Commercial Vehicles	trip identification number	Planned	The unique trip load number for a specific cross-border shipment.
Fleet Management Systems	DPS Central Communications Center	hazmat information	Existing	Information about a particular hazmat load including nature of the load and unloading instructions. May also include hazmat vehicle route and route update information.
Fleet Management Systems	DPS Commercial Vehicle Enforcement	audit data	Planned	Information to support a tax audit.
Fleet Management Systems	DPS Commercial Vehicle Enforcement	credential application	Planned	Application for commercial vehicle credentials. Authorization for payment is included. It contains details about the administrative request for a Freight Vehicle registration. It also carries the acknowledgement that a payment has been placed in the bank account of the administration by the Fleet Operator. This information flow includes fleet operator request ID, vehicle characteristics, transport need (origin and destination), electronic signature and date of payment.
Fleet Management Systems	DPS Commercial Vehicle Enforcement	driver log	Planned	A daily log showing hours in service for the current driver. The query flow is not explicitly shown.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Fleet Management Systems	DPS Commercial Vehicle Enforcement	on-board safety data	Planned	Safety data measured by on-board sensors. Includes information about the vehicle, vehicle components, cargo, and driver. The query flow is not explicitly shown.
Fleet Management Systems	DPS Commercial Vehicle Enforcement	request for permit	Planned	Request for commercial vehicle permits including oversize, overweight, or hazmat permit. It contains details about the administrative request for conveying hazardous goods. This information flow identifies the freight operator, vehicle dimensions, vehicle weight, hazardous goods characteristics, transport need (origin and destination) and electronic signature.
Fleet Management Systems	DPS Commercial Vehicle Enforcement	tax filing	Planned	Commercial vehicle tax filing data. Authorization for payment is included.
Fleet Management Systems	DPS Commercial Vehicle Enforcement	unique identifiers	Planned	Unique identifiers for the motor carrier, driver, and vehicle. This flow identifies the driver actually operating the vehicle in multi-driver scenarios.
Fleet Management Systems	Freight Shipping System	freight transportation status	Planned	A time-stamped status of a freight shipment as it passes through the supply chain from manufacturer through arrival at its final destination; including cargo movement logs, routing information, and cargo ID's. This includes cargo status, current operation, information on incidents associated with the cargo, and identification of delays/penalties.
Fleet Management Systems	International Fuel Tax Agreement (IFTA) Clearinghouse	audit data	Planned	Information to support a tax audit.
Fleet Management Systems	International Fuel Tax Agreement (IFTA) Clearinghouse	credential application	Planned	Application for commercial vehicle credentials. Authorization for payment is included. It contains details about the administrative request for a Freight Vehicle registration. It also carries the acknowledgement that a payment has been placed in the bank account of the administration by the Fleet Operator. This information flow includes fleet operator request ID, vehicle characteristics, transport need (origin and destination), electronic signature and date of payment.
Fleet Management Systems	International Fuel Tax Agreement (IFTA) Clearinghouse	driver log	Planned	A daily log showing hours in service for the current driver. The query flow is not explicitly shown.
Fleet Management Systems	International Fuel Tax Agreement (IFTA) Clearinghouse	on-board safety data	Planned	Safety data measured by on-board sensors. Includes information about the vehicle, vehicle components, cargo, and driver. The query flow is not explicitly shown.
Fleet Management Systems	International Fuel Tax Agreement (IFTA) Clearinghouse	request for permit	Planned	Request for commercial vehicle permits including oversize, overweight, or hazmat permit. It contains details about the administrative request for conveying hazardous goods. This information flow identifies the freight operator, vehicle dimensions, vehicle weight, hazardous goods characteristics, transport need (origin and destination) and electronic signature.
Fleet Management Systems	International Fuel Tax Agreement (IFTA) Clearinghouse	tax filing	Planned	Commercial vehicle tax filing data. Authorization for payment is included.
Fleet Management Systems	International Fuel Tax Agreement (IFTA) Clearinghouse	unique identifiers	Planned	Unique identifiers for the motor carrier, driver, and vehicle. This flow identifies the driver actually operating the vehicle in multi-driver scenarios.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Fleet Management Systems	International Registration Plan (IRP) Clearinghouse	audit data	Planned	Information to support a tax audit.
Fleet Management Systems	International Registration Plan (IRP) Clearinghouse	credential application	Planned	Application for commercial vehicle credentials. Authorization for payment is included. It contains details about the administrative request for a Freight Vehicle registration. It also carries the acknowledgement that a payment has been placed in the bank account of the administration by the Fleet Operator. This information flow includes fleet operator request ID, vehicle characteristics, transport need (origin and destination), electronic signature and date of payment.
Fleet Management Systems	International Registration Plan (IRP) Clearinghouse	cv repair status	Planned	Information about the completion of a repair to a commercial vehicle.
Fleet Management Systems	International Registration Plan (IRP) Clearinghouse	driver log	Planned	A daily log showing hours in service for the current driver. The query flow is not explicitly shown.
Fleet Management Systems	International Registration Plan (IRP) Clearinghouse	on-board safety data	Planned	Safety data measured by on-board sensors. Includes information about the vehicle, vehicle components, cargo, and driver. The query flow is not explicitly shown.
Fleet Management Systems	International Registration Plan (IRP) Clearinghouse	request for permit	Planned	Request for commercial vehicle permits including oversize, overweight, or hazmat permit. It contains details about the administrative request for conveying hazardous goods. This information flow identifies the freight operator, vehicle dimensions, vehicle weight, hazardous goods characteristics, transport need (origin and destination) and electronic signature.
Fleet Management Systems	International Registration Plan (IRP) Clearinghouse	tax filing	Planned	Commercial vehicle tax filing data. Authorization for payment is included.
Fleet Management Systems	International Registration Plan (IRP) Clearinghouse	unique identifiers	Planned	Unique identifiers for the motor carrier, driver, and vehicle. This flow identifies the driver actually operating the vehicle in multi-driver scenarios.
Fleet Management Systems	Maricopa County EOC	hazmat information	Existing	Information about a particular hazmat load including nature of the load and unloading instructions. May also include hazmat vehicle route and route update information.
Fleet Management Systems	POE Administration Center	expedited clearance registration	Existing	Registration of the importer, carrier, conveyance, and driver, as applicable, for border clearance programs such as FAST, Customs Self Assessment (Canada), C-TPAT (US), PIP (Canada), ACI (Canada), and ACE (US). Includes electronic filing of forms and associated payment.
Fleet Management Systems	POE Administration Center	manifest data	Existing	Identifies Port of Entry, date, and information on carrier and goods, origin, etc.
Fleet Management Systems	Safety Fitness Electronic Record (SAFER)	driver log	Planned	A daily log showing hours in service for the current driver. The query flow is not explicitly shown.
Fleet Management Systems	Safety Fitness Electronic Record (SAFER)	on-board safety data	Planned	Safety data measured by on-board sensors. Includes information about the vehicle, vehicle components, cargo, and driver. The query flow is not explicitly shown.
Fleet Management Systems	Safety Fitness Electronic Record (SAFER)	unique identifiers	Planned	Unique identifiers for the motor carrier, driver, and vehicle. This flow identifies the driver actually operating the vehicle in multi-driver scenarios.
Fleet Management Systems	Tribal Public Safety Dispatch	hazmat information	Existing	Information about a particular hazmat load including nature of the load and unloading instructions. May also include hazmat vehicle route and route update information.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Freight Containers	ADOT WIM Stations	tag data	Planned	Unique tag ID and related vehicle information.
Freight Containers	Commercial Vehicles	freight equipment information	Planned	Container, trailer, or chassis information regarding identity, type, location, brake wear data, mileage, seal #, seal type, door open/close status, chassis bare/covered status, tethered / untethered status, temperature, humidity, power, battery levels, brake wear data, and bill of lading/information regarding the cargo/content.
Freight Containers	Fleet Management Systems	freight equipment information	Planned	Container, trailer, or chassis information regarding identity, type, location, brake wear data, mileage, seal #, seal type, door open/close status, chassis bare/covered status, tethered / untethered status, temperature, humidity, power, battery levels, brake wear data, and bill of lading/information regarding the cargo/content.
Freight Containers	POE Roadway Inspection Systems	tag data	Planned	Unique tag ID and related vehicle information.
Freight Shipping System	ADOT TOC Traffic Information Center	freight traveler information preferences	Planned	Traveler information preferences from fleet and freight management systems or commercial vehicle drivers including: area covered by fleet/driver, types of freight managed (including special restrictions), preferred routes, other travel preferences pertaining to trip costs or tolls. Also covers revised trip planning requirements for trips already underway.
Freight Shipping System	Commercial Vehicles	trip identification number	Planned	The unique trip load number for a specific cross-border shipment.
Freight Shipping System	Fleet Management Systems	freight transport booking	Planned	Booking information for the transport of freight that includes company, contact information, point of origin, pick-up location, drop-off location, and freight equipment identifier.
Freight Shipping System	Fleet Management Systems	freight transportation status	Planned	A time-stamped status of a freight shipment as it passes through the supply chain from manufacturer through arrival at its final destination; including cargo movement logs, routing information, and cargo ID's. This includes cargo status, current operation, information on incidents associated with the cargo, and identification of delays/penalties.
Freight Shipping System	POE Administration Center	manifest data	Existing	Identifies Port of Entry, date, and information on carrier and goods, origin, etc.
Independent School District Bus Dispatch	ADOT DEOC-Dept EM Ops Center	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Independent School District Bus Dispatch	ADOT DEOC-Dept EM Ops Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Independent School District Bus Dispatch	ADOT DEOC-Dept EM Ops Center	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Independent School District Bus Dispatch	ADOT DEOC-Dept EM Ops Center	emergency transit service response	Existing	Response indicating changes to transit service, fares, and/or restrictions that will be made and status of transit resources to be deployed to support emergency response and/or evacuation.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Independent School District Bus Dispatch	ADOT DEOC-Dept EM Ops Center	transit system status assessment	Planned	Assessment of damage sustained by the public transportation system including location and extent of the damage, current operational status including an estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Independent School District Bus Dispatch	Cities and Towns EOC-EMC	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Independent School District Bus Dispatch	Cities and Towns EOC-EMC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Independent School District Bus Dispatch	Cities and Towns EOC-EMC	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Independent School District Bus Dispatch	Cities and Towns EOC-EMC	emergency transit service response	Existing	Response indicating changes to transit service, fares, and/or restrictions that will be made and status of transit resources to be deployed to support emergency response and/or evacuation.
Independent School District Bus Dispatch	Cities and Towns EOC-EMC	transit system status assessment	Planned	Assessment of damage sustained by the public transportation system including location and extent of the damage, current operational status including an estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Independent School District Bus Dispatch	Cities and Towns Police and Fire Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Independent School District Bus Dispatch	Cities and Towns Police and Fire Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Independent School District Bus Dispatch	Cities and Towns Police and Fire Dispatch	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Independent School District Bus Dispatch	Cities and Towns Police and Fire Dispatch	emergency transit service response	Existing	Response indicating changes to transit service, fares, and/or restrictions that will be made and status of transit resources to be deployed to support emergency response and/or evacuation.
Independent School District Bus Dispatch	Cities and Towns Police and Fire Dispatch	transit system status assessment	Planned	Assessment of damage sustained by the public transportation system including location and extent of the damage, current operational status including an estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Independent School District Bus Dispatch	Cities and Towns Transit Dispatch	transit service coordination	Existing	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Independent School District Bus Dispatch	County EMC-EOC	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Independent School District Bus Dispatch	County EMC-EOC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Independent School District Bus Dispatch	County EMC-EOC	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Independent School District Bus Dispatch	County EMC-EOC	emergency transit service response	Existing	Response indicating changes to transit service, fares, and/or restrictions that will be made and status of transit resources to be deployed to support emergency response and/or evacuation.
Independent School District Bus Dispatch	County EMC-EOC	transit system status assessment	Planned	Assessment of damage sustained by the public transportation system including location and extent of the damage, current operational status including an estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Independent School District Bus Dispatch	County Website and NIXLE	emergency transit schedule information	Planned	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Independent School District Bus Dispatch	County Website and NIXLE	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
Independent School District Bus Dispatch	DEMA SEOC Arizona DEM Military Affairs	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Independent School District Bus Dispatch	DEMA SEOC Arizona DEM Military Affairs	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Independent School District Bus Dispatch	DEMA SEOC Arizona DEM Military Affairs	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Independent School District Bus Dispatch	DEMA SEOC Arizona DEM Military Affairs	emergency transit service response	Existing	Response indicating changes to transit service, fares, and/or restrictions that will be made and status of transit resources to be deployed to support emergency response and/or evacuation.
Independent School District Bus Dispatch	DEMA SEOC Arizona DEM Military Affairs	transit system status assessment	Planned	Assessment of damage sustained by the public transportation system including location and extent of the damage, current operational status including an estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Information Flows – Tabular Format (sorted by Source Element)

RAD-IT Table

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Independent School District Bus Dispatch	Independent School District Buses	alarm acknowledge	Planned	Confirmation that alarm was received, instructions and additional information for the alarm initiator, and requests for additional information.
Independent School District Bus Dispatch	Independent School District Buses	remote vehicle disable	Planned	Signal used to remotely disable a transit vehicle.
Independent School District Bus Dispatch	Independent School District Buses	transit schedule information	Existing	Current and projected transit schedule information used to initialize the transit vehicle with a vehicle assignment, monitor schedule performance, and develop corrective actions on-board.
Independent School District Bus Dispatch	Independent School District Buses	transit traveler information	Existing	Transit information prepared to support transit users and other travelers. It contains transit schedules, real-time arrival information, fare schedules, alerts and advisories, and general transit service information.
Independent School District Bus Dispatch	Independent School District Buses	transit vehicle operator authentication update	Planned	Results of authentication process or update of on-board authentication database.
Independent School District Bus Dispatch	Independent School District Buses	transit vehicle operator information	Existing	Transit service instructions, wide area alerts, traffic information, road conditions, and other information for both transit and paratransit operators.
Independent School District Bus Dispatch	Local Dial-A-Ride Transit Dispatchers	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
Independent School District Bus Dispatch	Maricopa County EOC	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Independent School District Bus Dispatch	Maricopa County EOC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Independent School District Bus Dispatch	Maricopa County EOC	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Independent School District Bus Dispatch	Maricopa County EOC	emergency transit service response	Existing	Response indicating changes to transit service, fares, and/or restrictions that will be made and status of transit resources to be deployed to support emergency response and/or evacuation.
Independent School District Bus Dispatch	Maricopa County EOC	transit system status assessment	Planned	Assessment of damage sustained by the public transportation system including location and extent of the damage, current operational status including an estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Independent School District Bus Dispatch	Mexico Customs and Border Patrol	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.

Information Flows – Tabular Format (sorted by Source Element)

RAD-IT Table

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Independent School District Bus Dispatch	Mexico Customs and Border Patrol	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Independent School District Bus Dispatch	Mexico Customs and Border Patrol	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Independent School District Bus Dispatch	Mexico Customs and Border Patrol	emergency transit service response	Existing	Response indicating changes to transit service, fares, and/or restrictions that will be made and status of transit resources to be deployed to support emergency response and/or evacuation.
Independent School District Bus Dispatch	Mexico Customs and Border Patrol	transit system status assessment	Planned	Assessment of damage sustained by the public transportation system including location and extent of the damage, current operational status including an estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Independent School District Bus Dispatch	Mexico Public Safety	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Independent School District Bus Dispatch	Mexico Public Safety	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Independent School District Bus Dispatch	Mexico Public Safety	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Independent School District Bus Dispatch	Mexico Public Safety	emergency transit service response	Existing	Response indicating changes to transit service, fares, and/or restrictions that will be made and status of transit resources to be deployed to support emergency response and/or evacuation.
Independent School District Bus Dispatch	Mexico Public Safety	transit system status assessment	Planned	Assessment of damage sustained by the public transportation system including location and extent of the damage, current operational status including an estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Independent School District Bus Dispatch	NAIPTA (dba Mountain Line) Website and FLGRide	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Independent School District Bus Dispatch	Public Private Traveler Information	emergency transit schedule information	Planned	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Independent School District Bus Dispatch	Transit Providers Dispatch (Public and Private)	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Independent School District Bus Dispatch	Tribal Public Safety Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Independent School District Bus Dispatch	Tribal Public Safety Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Independent School District Bus Dispatch	Tribal Public Safety Dispatch	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Independent School District Bus Dispatch	Tribal Public Safety Dispatch	emergency transit service response	Existing	Response indicating changes to transit service, fares, and/or restrictions that will be made and status of transit resources to be deployed to support emergency response and/or evacuation.
Independent School District Bus Dispatch	Tribal Public Safety Dispatch	transit system status assessment	Planned	Assessment of damage sustained by the public transportation system including location and extent of the damage, current operational status including an estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Independent School District Bus Dispatch	Tribal TMC-TOC-TIC	emergency transit schedule information	Planned	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Independent School District Bus Dispatch	US Border Patrol Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Independent School District Bus Dispatch	US Border Patrol Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Independent School District Bus Dispatch	US Border Patrol Dispatch	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Independent School District Bus Dispatch	US Border Patrol Dispatch	emergency transit service response	Existing	Response indicating changes to transit service, fares, and/or restrictions that will be made and status of transit resources to be deployed to support emergency response and/or evacuation.
Independent School District Bus Dispatch	US Border Patrol Dispatch	transit system status assessment	Planned	Assessment of damage sustained by the public transportation system including location and extent of the damage, current operational status including an estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Independent School District Bus Dispatch	Wide Area Alerting Systems	emergency transit schedule information	Planned	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Independent School District Bus Dispatch	YCAT Website	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Independent School District Bus Dispatch	Yuma County Area Transit (YCAT)	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
Independent School District Buses	Independent School District Bus Dispatch	alarm notification	Planned	Notification of activation of an audible or silent alarm by a traveler in a public area or by a transit vehicle operator using an on-board device.
Independent School District Buses	Independent School District Bus Dispatch	transit traveler request	Existing	Request by a Transit traveler to summon assistance, request transit information, or request any other transit services.
Independent School District Buses	Independent School District Bus Dispatch	transit vehicle conditions	Existing	Operating conditions of transit vehicle (e.g., engine running, oil pressure, fuel level and usage). It includes status of other on-board systems including user displays, passenger counters, and security systems. This overall status information is also collected from unused (out of service) vehicles.
Independent School District Buses	Independent School District Bus Dispatch	transit vehicle location data	Existing	Current transit vehicle location and related operational conditions data provided by a transit vehicle.
Independent School District Buses	Independent School District Bus Dispatch	transit vehicle operator authentication information	Planned	Information regarding on-board transit operator authentication
Independent School District Buses	Independent School District Bus Dispatch	transit vehicle schedule performance	Existing	Estimated times of arrival and anticipated schedule deviations reported by a transit vehicle.
Independent School District Buses	Traveler Card-Smartcard	payment device update	Planned	Information updated concerning traveler's personal data including name, address, user account information, trip records, and profile data.
Independent School District Buses	Traveler Card-Smartcard	request for payment	Planned	Request to deduct cost of service from user's payment account.
Independent School District Buses	Travelers	traveler interface updates	Existing	Visual or audio information (e.g., routes, messages, guidance, emergency information) that is provided to the traveler.
International Fuel Tax Agreement (IFTA) Clearinghouse	ADOT ECD CVO Administration Center	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	ADOT ECD CVO Administration Center	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
International Fuel Tax Agreement (IFTA) Clearinghouse	ADOT ECD CVO Administration Center	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	ADOT Electronic Bypass Stations	carrier participation report	Planned	Report that summarizes motor carrier participation in CVO programs. Used to identify the level of active participation and to report which enrolled carriers are not participating as expected.
International Fuel Tax Agreement (IFTA) Clearinghouse	ADOT Electronic Bypass Stations	commercial vehicle permit information	Existing	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	ADOT Electronic Bypass Stations	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	ADOT Electronic Bypass Stations	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	ADOT Electronic Bypass Stations	cv driver record	Existing	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	ADOT Electronic Bypass Stations	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	ADOT Electronic Bypass Stations	targeted list	Existing	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.
International Fuel Tax Agreement (IFTA) Clearinghouse	ADOT Motor Vehicle Division (MVD) Database	commercial vehicle archive data	Planned	Information describing commercial vehicle travel and commodity flow characteristics. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
International Fuel Tax Agreement (IFTA) Clearinghouse	ADOT MVD Commercial Vehicle Administration	accident report	Planned	Report of commercial vehicle safety accident. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	ADOT MVD Commercial Vehicle Administration	border clearance status	Existing	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.
International Fuel Tax Agreement (IFTA) Clearinghouse	ADOT MVD Commercial Vehicle Administration	citation	Planned	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	ADOT MVD Commercial Vehicle Administration	commercial vehicle permit information	Planned	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	ADOT MVD Commercial Vehicle Administration	credential fee coordination	Planned	Description of fees, taxes and similar charges related to commercial vehicle credentials. In US and Canada, this includes rates for credentials that are exchanged between agencies via IRP, IFTA, etc.
International Fuel Tax Agreement (IFTA) Clearinghouse	ADOT MVD Commercial Vehicle Administration	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	ADOT MVD Commercial Vehicle Administration	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	ADOT MVD Commercial Vehicle Administration	cv driver record	Planned	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	ADOT MVD Commercial Vehicle Administration	route restrictions	Planned	Information about routes, road segments, and areas that do not allow the transport of security sensitive hazmat cargoes or include other restrictions (such as height or weight limits).
International Fuel Tax Agreement (IFTA) Clearinghouse	ADOT MVD Commercial Vehicle Administration	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
International Fuel Tax Agreement (IFTA) Clearinghouse	ADOT TOC Traffic Information Center	commercial vehicle permit information	Planned	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	ADOT TOC Traffic Information Center	route restrictions	Planned	Information about routes, road segments, and areas that do not allow the transport of security sensitive hazmat cargoes or include other restrictions (such as height or weight limits).
International Fuel Tax Agreement (IFTA) Clearinghouse	ADOT WIM Stations	commercial vehicle permit information	Existing	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	ADOT WIM Stations	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	ADOT WIM Stations	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	ADOT WIM Stations	cv driver record	Existing	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	ADOT WIM Stations	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	ADOT WIM Stations	targeted list	Existing	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.
International Fuel Tax Agreement (IFTA) Clearinghouse	Commercial Vehicle Driver and Vehicle Verification Systems	accident report	Planned	Report of commercial vehicle safety accident. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	Commercial Vehicle Driver and Vehicle Verification Systems	border clearance status	Existing	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
International Fuel Tax Agreement (IFTA) Clearinghouse	Commercial Vehicle Driver and Vehicle Verification Systems	citation	Planned	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	Commercial Vehicle Driver and Vehicle Verification Systems	commercial vehicle archive data	Existing	Information describing commercial vehicle travel and commodity flow characteristics. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
International Fuel Tax Agreement (IFTA) Clearinghouse	Commercial Vehicle Driver and Vehicle Verification Systems	commercial vehicle permit information	Planned	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	Commercial Vehicle Driver and Vehicle Verification Systems	credential fee coordination	Planned	Description of fees, taxes and similar charges related to commercial vehicle credentials. In US and Canada, this includes rates for credentials that are exchanged between agencies via IRP, IFTA, etc.
International Fuel Tax Agreement (IFTA) Clearinghouse	Commercial Vehicle Driver and Vehicle Verification Systems	credentials information	Planned	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	Commercial Vehicle Driver and Vehicle Verification Systems	credentials status information	Planned	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	Commercial Vehicle Driver and Vehicle Verification Systems	cv driver record	Planned	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	Commercial Vehicle Driver and Vehicle Verification Systems	route restrictions	Planned	Information about routes, road segments, and areas that do not allow the transport of security sensitive hazmat cargoes or include other restrictions (such as height or weight limits).
International Fuel Tax Agreement (IFTA) Clearinghouse	Commercial Vehicle Driver and Vehicle Verification Systems	safety status information	Planned	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
International Fuel Tax Agreement (IFTA) Clearinghouse	Commercial Vehicles	safety inspection record	Planned	Record containing results of commercial vehicle safety inspection.
International Fuel Tax Agreement (IFTA) Clearinghouse	DEMA Data Archive	commercial vehicle archive data	Planned	Information describing commercial vehicle travel and commodity flow characteristics. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
International Fuel Tax Agreement (IFTA) Clearinghouse	DEMA Enforcement	citation	Existing	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	DEMA Enforcement	commercial vehicle violation notification	Existing	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.
International Fuel Tax Agreement (IFTA) Clearinghouse	DPS Commercial Vehicle Enforcement	accident report	Planned	Report of commercial vehicle safety accident. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	DPS Commercial Vehicle Enforcement	border clearance status	Existing	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.
International Fuel Tax Agreement (IFTA) Clearinghouse	DPS Commercial Vehicle Enforcement	carrier participation report	Planned	Report that summarizes motor carrier participation in CVO programs. Used to identify the level of active participation and to report which enrolled carriers are not participating as expected.
International Fuel Tax Agreement (IFTA) Clearinghouse	DPS Commercial Vehicle Enforcement	citation	Existing	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	DPS Commercial Vehicle Enforcement	commercial vehicle permit information	Planned	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
International Fuel Tax Agreement (IFTA) Clearinghouse	DPS Commercial Vehicle Enforcement	commercial vehicle violation notification	Existing	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.
International Fuel Tax Agreement (IFTA) Clearinghouse	DPS Commercial Vehicle Enforcement	credential fee coordination	Planned	Description of fees, taxes and similar charges related to commercial vehicle credentials. In US and Canada, this includes rates for credentials that are exchanged between agencies via IRP, IFTA, etc.
International Fuel Tax Agreement (IFTA) Clearinghouse	DPS Commercial Vehicle Enforcement	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	DPS Commercial Vehicle Enforcement	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	DPS Commercial Vehicle Enforcement	cv driver record	Planned	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	DPS Commercial Vehicle Enforcement	route restrictions	Planned	Information about routes, road segments, and areas that do not allow the transport of security sensitive hazmat cargoes or include other restrictions (such as height or weight limits).
International Fuel Tax Agreement (IFTA) Clearinghouse	DPS Commercial Vehicle Enforcement	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	DPS Data Archive	commercial vehicle archive data	Existing	Information describing commercial vehicle travel and commodity flow characteristics. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
International Fuel Tax Agreement (IFTA) Clearinghouse	DPS Roadside Safety Inspection	carrier participation report	Planned	Report that summarizes motor carrier participation in CVO programs. Used to identify the level of active participation and to report which enrolled carriers are not participating as expected.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
International Fuel Tax Agreement (IFTA) Clearinghouse	DPS Roadside Safety Inspection	citation	Existing	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	DPS Roadside Safety Inspection	commercial vehicle permit information	Existing	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	DPS Roadside Safety Inspection	commercial vehicle violation notification	Existing	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.
International Fuel Tax Agreement (IFTA) Clearinghouse	DPS Roadside Safety Inspection	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	DPS Roadside Safety Inspection	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	DPS Roadside Safety Inspection	cv driver record	Existing	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	DPS Roadside Safety Inspection	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	DPS Roadside Safety Inspection	targeted list	Existing	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
International Fuel Tax Agreement (IFTA) Clearinghouse	Financial Institution	payment request	Planned	Request for payment from financial institution or related financial service requests (e.g., balance inquiry)
International Fuel Tax Agreement (IFTA) Clearinghouse	Fleet Management Systems	border clearance status	Existing	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.
International Fuel Tax Agreement (IFTA) Clearinghouse	Fleet Management Systems	citation	Existing	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	Fleet Management Systems	commercial vehicle permit	Planned	Commercial vehicle permits including those for oversize, overweight, or hazmat shipments.
International Fuel Tax Agreement (IFTA) Clearinghouse	Fleet Management Systems	compliance review report	Planned	Report containing results of carrier compliance review, including concomitant out-of-service notifications, carrier warnings/notifications. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	Fleet Management Systems	credentials information	Planned	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	Fleet Management Systems	credentials status information	Planned	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	Fleet Management Systems	cv driver record	Planned	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	Fleet Management Systems	route restrictions	Planned	Information about routes, road segments, and areas that do not allow the transport of security sensitive hazmat cargoes or include other restrictions (such as height or weight limits).

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
International Fuel Tax Agreement (IFTA) Clearinghouse	Fleet Management Systems	safety status information	Planned	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	Fleet Management Systems	trigger area	Planned	A geographic area a commercial motor vehicle crosses into, which initiates a request to compile and transmit a safety data message. May be associated with a time period.
International Fuel Tax Agreement (IFTA) Clearinghouse	Fleet Management Systems	trigger area notification	Planned	Notification to activate wireless roadside inspection safety data message collection.
International Fuel Tax Agreement (IFTA) Clearinghouse	Freight Shipping System	border clearance status	Existing	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.
International Fuel Tax Agreement (IFTA) Clearinghouse	International Registration Plan (IRP) Clearinghouse	accident report	Planned	Report of commercial vehicle safety accident. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	International Registration Plan (IRP) Clearinghouse	border clearance status	Existing	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.
International Fuel Tax Agreement (IFTA) Clearinghouse	International Registration Plan (IRP) Clearinghouse	citation	Planned	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	International Registration Plan (IRP) Clearinghouse	commercial vehicle permit information	Planned	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	International Registration Plan (IRP) Clearinghouse	credential fee coordination	Planned	Description of fees, taxes and similar charges related to commercial vehicle credentials. In US and Canada, this includes rates for credentials that are exchanged between agencies via IRP, IFTA, etc.
International Fuel Tax Agreement (IFTA) Clearinghouse	International Registration Plan (IRP) Clearinghouse	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
International Fuel Tax Agreement (IFTA) Clearinghouse	International Registration Plan (IRP) Clearinghouse	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	International Registration Plan (IRP) Clearinghouse	cv driver record	Planned	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	International Registration Plan (IRP) Clearinghouse	route restrictions	Planned	Information about routes, road segments, and areas that do not allow the transport of security sensitive hazmat cargoes or include other restrictions (such as height or weight limits).
International Fuel Tax Agreement (IFTA) Clearinghouse	International Registration Plan (IRP) Clearinghouse	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	POE Administration Center	border clearance status	Existing	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.
International Fuel Tax Agreement (IFTA) Clearinghouse	POE Administration Center	client verification information	Existing	Information about carriers who have made border credential applications such as commercial drivers license information and carrier safety status.
International Fuel Tax Agreement (IFTA) Clearinghouse	POE Administration Center	screening results	Existing	Results of commercial vehicle screening event at a border crossing - reports clearance event data regarding action taken at border, including acceptance or override of system decision, and date/time stamp.
International Fuel Tax Agreement (IFTA) Clearinghouse	POE Data Archive	commercial vehicle archive data	Planned	Information describing commercial vehicle travel and commodity flow characteristics. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
International Fuel Tax Agreement (IFTA) Clearinghouse	Safety Fitness Electronic Record (SAFER)	citation	Existing	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	Safety Fitness Electronic Record (SAFER)	commercial vehicle permit information	Planned	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
International Fuel Tax Agreement (IFTA) Clearinghouse	Safety Fitness Electronic Record (SAFER)	commercial vehicle violation notification	Existing	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.
International Fuel Tax Agreement (IFTA) Clearinghouse	Safety Fitness Electronic Record (SAFER)	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	Safety Fitness Electronic Record (SAFER)	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
International Fuel Tax Agreement (IFTA) Clearinghouse	Safety Fitness Electronic Record (SAFER)	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	ADOT ECD CVO Administration Center	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	ADOT ECD CVO Administration Center	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
International Registration Plan (IRP) Clearinghouse	ADOT ECD CVO Administration Center	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	ADOT Electronic Bypass Stations	commercial vehicle permit information	Existing	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	ADOT Electronic Bypass Stations	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	ADOT Electronic Bypass Stations	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	ADOT Electronic Bypass Stations	cv driver record	Existing	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	ADOT Electronic Bypass Stations	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	ADOT Electronic Bypass Stations	targeted list	Existing	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.
International Registration Plan (IRP) Clearinghouse	ADOT Motor Vehicle Division (MVD) Database	commercial vehicle archive data	Existing	Information describing commercial vehicle travel and commodity flow characteristics. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
International Registration Plan (IRP) Clearinghouse	ADOT MVD Commercial Vehicle Administration	accident report	Planned	Report of commercial vehicle safety accident. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
International Registration Plan (IRP) Clearinghouse	ADOT MVD Commercial Vehicle Administration	border clearance status	Existing	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.
International Registration Plan (IRP) Clearinghouse	ADOT MVD Commercial Vehicle Administration	citation	Planned	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	ADOT MVD Commercial Vehicle Administration	commercial vehicle permit information	Planned	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	ADOT MVD Commercial Vehicle Administration	credential fee coordination	Planned	Description of fees, taxes and similar charges related to commercial vehicle credentials. In US and Canada, this includes rates for credentials that are exchanged between agencies via IRP, IFTA, etc.
International Registration Plan (IRP) Clearinghouse	ADOT MVD Commercial Vehicle Administration	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	ADOT MVD Commercial Vehicle Administration	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	ADOT MVD Commercial Vehicle Administration	cv driver record	Planned	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	ADOT MVD Commercial Vehicle Administration	route restrictions	Planned	Information about routes, road segments, and areas that do not allow the transport of security sensitive hazmat cargoes or include other restrictions (such as height or weight limits).
International Registration Plan (IRP) Clearinghouse	ADOT MVD Commercial Vehicle Administration	safety inspection report	Existing	Report containing results of commercial vehicle safety inspection. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	ADOT MVD Commercial Vehicle Administration	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
International Registration Plan (IRP) Clearinghouse	ADOT WIM Stations	commercial vehicle permit information	Existing	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	ADOT WIM Stations	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	ADOT WIM Stations	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	ADOT WIM Stations	cv driver record	Existing	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	ADOT WIM Stations	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	ADOT WIM Stations	targeted list	Existing	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.
International Registration Plan (IRP) Clearinghouse	Commercial Vehicle Driver and Vehicle Verification Systems	accident report	Planned	Report of commercial vehicle safety accident. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	Commercial Vehicle Driver and Vehicle Verification Systems	border clearance status	Existing	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.
International Registration Plan (IRP) Clearinghouse	Commercial Vehicle Driver and Vehicle Verification Systems	citation	Planned	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	Commercial Vehicle Driver and Vehicle Verification Systems	commercial vehicle archive data	Existing	Information describing commercial vehicle travel and commodity flow characteristics. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
International Registration Plan (IRP) Clearinghouse	Commercial Vehicle Driver and Vehicle Verification Systems	commercial vehicle permit information	Planned	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	Commercial Vehicle Driver and Vehicle Verification Systems	credential fee coordination	Planned	Description of fees, taxes and similar charges related to commercial vehicle credentials. In US and Canada, this includes rates for credentials that are exchanged between agencies via IRP, IFTA, etc.
International Registration Plan (IRP) Clearinghouse	Commercial Vehicle Driver and Vehicle Verification Systems	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	Commercial Vehicle Driver and Vehicle Verification Systems	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	Commercial Vehicle Driver and Vehicle Verification Systems	cv driver record	Planned	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	Commercial Vehicle Driver and Vehicle Verification Systems	route restrictions	Planned	Information about routes, road segments, and areas that do not allow the transport of security sensitive hazmat cargoes or include other restrictions (such as height or weight limits).
International Registration Plan (IRP) Clearinghouse	Commercial Vehicle Driver and Vehicle Verification Systems	safety inspection report	Existing	Report containing results of commercial vehicle safety inspection. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	Commercial Vehicle Driver and Vehicle Verification Systems	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	Commercial Vehicles	safety inspection record	Planned	Record containing results of commercial vehicle safety inspection.
International Registration Plan (IRP) Clearinghouse	DPS Commercial Vehicle Enforcement	accident report	Planned	Report of commercial vehicle safety accident. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	DPS Commercial Vehicle Enforcement	carrier participation report	Planned	Report that summarizes motor carrier participation in CVO programs. Used to identify the level of active participation and to report which enrolled carriers are not participating as expected.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
International Registration Plan (IRP) Clearinghouse	DPS Commercial Vehicle Enforcement	citation	Existing	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	DPS Commercial Vehicle Enforcement	commercial vehicle permit information	Planned	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	DPS Commercial Vehicle Enforcement	commercial vehicle violation notification	Existing	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.
International Registration Plan (IRP) Clearinghouse	DPS Commercial Vehicle Enforcement	credential fee coordination	Planned	Description of fees, taxes and similar charges related to commercial vehicle credentials. In US and Canada, this includes rates for credentials that are exchanged between agencies via IRP, IFTA, etc.
International Registration Plan (IRP) Clearinghouse	DPS Commercial Vehicle Enforcement	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	DPS Commercial Vehicle Enforcement	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	DPS Commercial Vehicle Enforcement	cv driver record	Planned	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	DPS Commercial Vehicle Enforcement	route restrictions	Planned	Information about routes, road segments, and areas that do not allow the transport of security sensitive hazmat cargoes or include other restrictions (such as height or weight limits).
International Registration Plan (IRP) Clearinghouse	DPS Commercial Vehicle Enforcement	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
International Registration Plan (IRP) Clearinghouse	DPS Roadside Safety Inspection	accident report	Existing	Report of commercial vehicle safety accident. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	DPS Roadside Safety Inspection	carrier participation report	Existing	Report that summarizes motor carrier participation in CVO programs. Used to identify the level of active participation and to report which enrolled carriers are not participating as expected.
International Registration Plan (IRP) Clearinghouse	DPS Roadside Safety Inspection	citation	Existing	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	DPS Roadside Safety Inspection	commercial vehicle permit information	Existing	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	DPS Roadside Safety Inspection	commercial vehicle violation notification	Existing	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.
International Registration Plan (IRP) Clearinghouse	DPS Roadside Safety Inspection	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	DPS Roadside Safety Inspection	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	DPS Roadside Safety Inspection	cv driver record	Existing	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	DPS Roadside Safety Inspection	daily site activity data	Existing	Record of daily activities at commercial vehicle check stations including summaries of screening events and inspections.
International Registration Plan (IRP) Clearinghouse	DPS Roadside Safety Inspection	safety inspection report	Existing	Report containing results of commercial vehicle safety inspection. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
International Registration Plan (IRP) Clearinghouse	DPS Roadside Safety Inspection	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	DPS Roadside Safety Inspection	targeted list	Existing	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.
International Registration Plan (IRP) Clearinghouse	Financial Institution	payment request	Planned	Request for payment from financial institution or related financial service requests (e.g., balance inquiry)
International Registration Plan (IRP) Clearinghouse	Fleet Management Systems	border clearance status	Existing	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.
International Registration Plan (IRP) Clearinghouse	Fleet Management Systems	citation	Planned	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	Fleet Management Systems	commercial vehicle permit	Planned	Commercial vehicle permits including those for oversize, overweight, or hazmat shipments.
International Registration Plan (IRP) Clearinghouse	Fleet Management Systems	compliance review report	Planned	Report containing results of carrier compliance review, including concomitant out-of-service notifications, carrier warnings/notifications. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	Fleet Management Systems	credentials information	Planned	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	Fleet Management Systems	credentials status information	Planned	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	Fleet Management Systems	cv driver record	Planned	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
International Registration Plan (IRP) Clearinghouse	Fleet Management Systems	route restrictions	Planned	Information about routes, road segments, and areas that do not allow the transport of security sensitive hazmat cargoes or include other restrictions (such as height or weight limits).
International Registration Plan (IRP) Clearinghouse	Fleet Management Systems	safety status information	Planned	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	Fleet Management Systems	trigger area	Planned	A geographic area a commercial motor vehicle crosses into, which initiates a request to compile and transmit a safety data message. May be associated with a time period.
International Registration Plan (IRP) Clearinghouse	Fleet Management Systems	trigger area notification	Planned	Notification to activate wireless roadside inspection safety data message collection.
International Registration Plan (IRP) Clearinghouse	Freight Shipping System	border clearance status	Existing	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.
International Registration Plan (IRP) Clearinghouse	International Fuel Tax Agreement (IFTA) Clearinghouse	accident report	Planned	Report of commercial vehicle safety accident. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	International Fuel Tax Agreement (IFTA) Clearinghouse	border clearance status	Existing	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.
International Registration Plan (IRP) Clearinghouse	International Fuel Tax Agreement (IFTA) Clearinghouse	citation	Planned	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	International Fuel Tax Agreement (IFTA) Clearinghouse	commercial vehicle permit information	Planned	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	International Fuel Tax Agreement (IFTA) Clearinghouse	credential fee coordination	Planned	Description of fees, taxes and similar charges related to commercial vehicle credentials. In US and Canada, this includes rates for credentials that are exchanged between agencies via IRP, IFTA, etc.
International Registration Plan (IRP) Clearinghouse	International Fuel Tax Agreement (IFTA) Clearinghouse	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
International Registration Plan (IRP) Clearinghouse	International Fuel Tax Agreement (IFTA) Clearinghouse	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	International Fuel Tax Agreement (IFTA) Clearinghouse	cv driver record	Planned	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	International Fuel Tax Agreement (IFTA) Clearinghouse	route restrictions	Planned	Information about routes, road segments, and areas that do not allow the transport of security sensitive hazmat cargoes or include other restrictions (such as height or weight limits).
International Registration Plan (IRP) Clearinghouse	International Fuel Tax Agreement (IFTA) Clearinghouse	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	POE Administration Center	border clearance status	Existing	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.
International Registration Plan (IRP) Clearinghouse	POE Administration Center	client verification information	Existing	Information about carriers who have made border credential applications such as commercial drivers license information and carrier safety status.
International Registration Plan (IRP) Clearinghouse	POE Administration Center	manifest data	Existing	Identifies Port of Entry, date, and information on carrier and goods, origin, etc.
International Registration Plan (IRP) Clearinghouse	POE Administration Center	screening results	Existing	Results of commercial vehicle screening event at a border crossing - reports clearance event data regarding action taken at border, including acceptance or override of system decision, and date/time stamp.
International Registration Plan (IRP) Clearinghouse	POE Data Archive	commercial vehicle archive data	Planned	Information describing commercial vehicle travel and commodity flow characteristics. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
International Registration Plan (IRP) Clearinghouse	Safety Fitness Electronic Record (SAFER)	accident report	Existing	Report of commercial vehicle safety accident. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	Safety Fitness Electronic Record (SAFER)	border clearance status	Existing	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
International Registration Plan (IRP) Clearinghouse	Safety Fitness Electronic Record (SAFER)	citation	Existing	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	Safety Fitness Electronic Record (SAFER)	commercial vehicle permit information	Existing	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	Safety Fitness Electronic Record (SAFER)	commercial vehicle violation notification	Existing	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.
International Registration Plan (IRP) Clearinghouse	Safety Fitness Electronic Record (SAFER)	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	Safety Fitness Electronic Record (SAFER)	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	Safety Fitness Electronic Record (SAFER)	daily site activity data	Existing	Record of daily activities at commercial vehicle check stations including summaries of screening events and inspections.
International Registration Plan (IRP) Clearinghouse	Safety Fitness Electronic Record (SAFER)	safety inspection report	Existing	Report containing results of commercial vehicle safety inspection. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
International Registration Plan (IRP) Clearinghouse	Safety Fitness Electronic Record (SAFER)	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
Local Dial-A-Ride Transit Dispatchers	Cities and Towns EOC-EMC	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Local Dial-A-Ride Transit Dispatchers	Cities and Towns EOC-EMC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Local Dial-A-Ride Transit Dispatchers	Cities and Towns EOC-EMC	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Local Dial-A-Ride Transit Dispatchers	Cities and Towns EOC-EMC	emergency transit service response	Existing	Response indicating changes to transit service, fares, and/or restrictions that will be made and status of transit resources to be deployed to support emergency response and/or evacuation.
Local Dial-A-Ride Transit Dispatchers	Cities and Towns EOC-EMC	transit system status assessment	Planned	Assessment of damage sustained by the public transportation system including location and extent of the damage, current operational status including an estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Local Dial-A-Ride Transit Dispatchers	Cities and Towns Police and Fire Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Local Dial-A-Ride Transit Dispatchers	Cities and Towns Police and Fire Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Local Dial-A-Ride Transit Dispatchers	Cities and Towns Police and Fire Dispatch	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Local Dial-A-Ride Transit Dispatchers	Cities and Towns Police and Fire Dispatch	emergency transit service response	Existing	Response indicating changes to transit service, fares, and/or restrictions that will be made and status of transit resources to be deployed to support emergency response and/or evacuation.
Local Dial-A-Ride Transit Dispatchers	Cities and Towns Police and Fire Dispatch	transit system status assessment	Planned	Assessment of damage sustained by the public transportation system including location and extent of the damage, current operational status including an estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Local Dial-A-Ride Transit Dispatchers	Cities and Towns TIC and Website	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Local Dial-A-Ride Transit Dispatchers	Cities and Towns Transit Dispatch	transit fare coordination	Planned	Fare and pricing information shared between local/regional transit organizations.
Local Dial-A-Ride Transit Dispatchers	Cities and Towns Transit Dispatch	transit service coordination	Existing	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
Local Dial-A-Ride Transit Dispatchers	Cities and Towns Transit Vehicles	transit stop request	Planned	Notification that a transit stop has been requested by a transit user at a roadside stop. This flow identifies the route, stop, and the time of the request.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Local Dial-A-Ride Transit Dispatchers	County EMC-EOC	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Local Dial-A-Ride Transit Dispatchers	County EMC-EOC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Local Dial-A-Ride Transit Dispatchers	County EMC-EOC	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Local Dial-A-Ride Transit Dispatchers	County EMC-EOC	emergency transit service response	Existing	Response indicating changes to transit service, fares, and/or restrictions that will be made and status of transit resources to be deployed to support emergency response and/or evacuation.
Local Dial-A-Ride Transit Dispatchers	County EMC-EOC	transit system status assessment	Planned	Assessment of damage sustained by the public transportation system including location and extent of the damage, current operational status including an estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Local Dial-A-Ride Transit Dispatchers	County Transit Kiosks	transit traveler information	Planned	Transit information prepared to support transit users and other travelers. It contains transit schedules, real-time arrival information, fare schedules, alerts and advisories, and general transit service information.
Local Dial-A-Ride Transit Dispatchers	County Website and NIXLE	emergency transit schedule information	Planned	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Local Dial-A-Ride Transit Dispatchers	County Website and NIXLE	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
Local Dial-A-Ride Transit Dispatchers	DEMA SEOC Arizona DEM Military Affairs	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Local Dial-A-Ride Transit Dispatchers	DEMA SEOC Arizona DEM Military Affairs	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Local Dial-A-Ride Transit Dispatchers	DEMA SEOC Arizona DEM Military Affairs	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Local Dial-A-Ride Transit Dispatchers	DEMA SEOC Arizona DEM Military Affairs	emergency transit service response	Existing	Response indicating changes to transit service, fares, and/or restrictions that will be made and status of transit resources to be deployed to support emergency response and/or evacuation.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Local Dial-A-Ride Transit Dispatchers	DEMA SEOC Arizona DEM Military Affairs	transit system status assessment	Planned	Assessment of damage sustained by the public transportation system including location and extent of the damage, current operational status including an estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Local Dial-A-Ride Transit Dispatchers	Financial Institution	payment request	Planned	Request for payment from financial institution or related financial service requests (e.g., balance inquiry)
Local Dial-A-Ride Transit Dispatchers	Independent School District Bus Dispatch	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
Local Dial-A-Ride Transit Dispatchers	Local Dial-A-Ride Transit Vehicles	alarm acknowledge	Existing	Confirmation that alarm was received, instructions and additional information for the alarm initiator, and requests for additional information.
Local Dial-A-Ride Transit Dispatchers	Local Dial-A-Ride Transit Vehicles	authorization response	Planned	Notification of status of authorization request.
Local Dial-A-Ride Transit Dispatchers	Local Dial-A-Ride Transit Vehicles	fare management information	Existing	Transit fare information and transaction data used to manage transit fare processing.
Local Dial-A-Ride Transit Dispatchers	Local Dial-A-Ride Transit Vehicles	remote vehicle disable	Existing	Signal used to remotely disable a transit vehicle.
Local Dial-A-Ride Transit Dispatchers	Local Dial-A-Ride Transit Vehicles	transit stop request	Planned	Notification that a transit stop has been requested by a transit user at a roadside stop. This flow identifies the route, stop, and the time of the request.
Local Dial-A-Ride Transit Dispatchers	Local Dial-A-Ride Transit Vehicles	transit traveler information	Planned	Transit information prepared to support transit users and other travelers. It contains transit schedules, real-time arrival information, fare schedules, alerts and advisories, and general transit service information.
Local Dial-A-Ride Transit Dispatchers	Local Dial-A-Ride Transit Vehicles	transit vehicle operator authentication update	Existing	Results of authentication process or update of on-board authentication database.
Local Dial-A-Ride Transit Dispatchers	Local Dial-A-Ride Transit Vehicles	transit vehicle operator information	Existing	Transit service instructions, wide area alerts, traffic information, road conditions, and other information for both transit and paratransit operators.
Local Dial-A-Ride Transit Dispatchers	Local Print and Broadcast Media	transit incident information	Planned	Information on transit incidents that impact transit services for public dissemination.
Local Dial-A-Ride Transit Dispatchers	Maricopa County EOC	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Local Dial-A-Ride Transit Dispatchers	Maricopa County EOC	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Local Dial-A-Ride Transit Dispatchers	Maricopa County EOC	emergency transit schedule information	Planned	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Local Dial-A-Ride Transit Dispatchers	Maricopa County EOC	emergency transit service response	Planned	Response indicating changes to transit service, fares, and/or restrictions that will be made and status of transit resources to be deployed to support emergency response and/or evacuation.
Local Dial-A-Ride Transit Dispatchers	Maricopa County EOC	transit system status assessment	Planned	Assessment of damage sustained by the public transportation system including location and extent of the damage, current operational status including an estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Local Dial-A-Ride Transit Dispatchers	Mexico Customs and Border Patrol	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Local Dial-A-Ride Transit Dispatchers	Mexico Customs and Border Patrol	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Local Dial-A-Ride Transit Dispatchers	Mexico Customs and Border Patrol	emergency transit schedule information	Planned	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Local Dial-A-Ride Transit Dispatchers	Mexico Customs and Border Patrol	emergency transit service response	Planned	Response indicating changes to transit service, fares, and/or restrictions that will be made and status of transit resources to be deployed to support emergency response and/or evacuation.
Local Dial-A-Ride Transit Dispatchers	Mexico Customs and Border Patrol	transit system status assessment	Planned	Assessment of damage sustained by the public transportation system including location and extent of the damage, current operational status including an estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Local Dial-A-Ride Transit Dispatchers	Mexico Public Safety	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Local Dial-A-Ride Transit Dispatchers	Mexico Public Safety	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Local Dial-A-Ride Transit Dispatchers	Mexico Public Safety	emergency transit schedule information	Planned	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Local Dial-A-Ride Transit Dispatchers	Mexico Public Safety	emergency transit service response	Planned	Response indicating changes to transit service, fares, and/or restrictions that will be made and status of transit resources to be deployed to support emergency response and/or evacuation.
Local Dial-A-Ride Transit Dispatchers	Mexico Public Safety	transit system status assessment	Planned	Assessment of damage sustained by the public transportation system including location and extent of the damage, current operational status including an estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Local Dial-A-Ride Transit Dispatchers	NAIPTA (dba Mountain Line) Paratransit	transit fare coordination	Planned	Fare and pricing information shared between local/regional transit organizations.
Local Dial-A-Ride Transit Dispatchers	NAIPTA (dba Mountain Line) Paratransit	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
Local Dial-A-Ride Transit Dispatchers	NAIPTA (dba Mountain Line) Transit Management Center	transit fare coordination	Planned	Fare and pricing information shared between local/regional transit organizations.
Local Dial-A-Ride Transit Dispatchers	NAIPTA (dba Mountain Line) Transit Management Center	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
Local Dial-A-Ride Transit Dispatchers	NAIPTA (dba Mountain Line) Transit Management Center	transit traveler information coordination	Planned	Transit schedules, real-time arrival information, fare schedules, and general transit service information shared between transit organizations to support transit traveler information systems.
Local Dial-A-Ride Transit Dispatchers	NAIPTA (dba Mountain Line) Website and FLGRide	demand responsive transit plan	Planned	Plan regarding overall demand responsive transit schedules and deployment.
Local Dial-A-Ride Transit Dispatchers	NAIPTA (dba Mountain Line) Website and FLGRide	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Local Dial-A-Ride Transit Dispatchers	NAIPTA (dba Mountain Line) Website and FLGRide	transit and fare schedules	Planned	Transit service information including routes, schedules, and fare information. This also includes on-demand service information.
Local Dial-A-Ride Transit Dispatchers	NAIPTA (dba Mountain Line) Website and FLGRide	transit fare information	Planned	Information provided by transit management that supports fare payment transactions.
Local Dial-A-Ride Transit Dispatchers	NAIPTA (dba Mountain Line) Website and FLGRide	transit schedule adherence information	Planned	Dynamic transit schedule adherence and transit vehicle location information.
Local Dial-A-Ride Transit Dispatchers	Payment Administration Center	account updates	Planned	Updates to an account, such as purchases, uses, cancellation, secureID changes or similar material changes to account information.
Local Dial-A-Ride Transit Dispatchers	Payment Administration Center	smart card reconciliation	Planned	Detailed list of charges of the form charge/transport provider, taken from a smart card that need to be applied to the listed providers.
Local Dial-A-Ride Transit Dispatchers	Personal Information Devices for Travelers	traveler payment request	Planned	Request for information supporting payments. For fee structures that include incentives, the request may support either an account debit or an account credit or reimbursement.
Local Dial-A-Ride Transit Dispatchers	Personal Information Devices for Travelers	user account reports	Planned	Reports on services offered/provided and associated charges.
Local Dial-A-Ride Transit Dispatchers	Private Transit Routing Service Provider	authorization response	Planned	Notification of status of authorization request.
Local Dial-A-Ride Transit Dispatchers	Private Transit Routing Service Provider	fare management information	Planned	Transit fare information and transaction data used to manage transit fare processing.
Local Dial-A-Ride Transit Dispatchers	Private Transit Routing Service Provider	personal transit information	Planned	General and personalized transit information for a particular fixed route, flexible route, or paratransit system.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Local Dial-A-Ride Transit Dispatchers	Private Transit Routing Service Provider	transit traveler information	Planned	Transit information prepared to support transit users and other travelers. It contains transit schedules, real-time arrival information, fare schedules, alerts and advisories, and general transit service information.
Local Dial-A-Ride Transit Dispatchers	Private Transit Routing Service Provider	traveler payment request	Planned	Request for information supporting payments. For fee structures that include incentives, the request may support either an account debit or an account credit or reimbursement.
Local Dial-A-Ride Transit Dispatchers	Private Transit Routing Service Provider	user account reports	Planned	Reports on services offered/provided and associated charges.
Local Dial-A-Ride Transit Dispatchers	Public Private Traveler Information	demand responsive transit plan	Planned	Plan regarding overall demand responsive transit schedules and deployment.
Local Dial-A-Ride Transit Dispatchers	Public Private Traveler Information	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Local Dial-A-Ride Transit Dispatchers	Public Private Traveler Information	transit and fare schedules	Planned	Transit service information including routes, schedules, and fare information. This also includes on-demand service information.
Local Dial-A-Ride Transit Dispatchers	Public Private Traveler Information	transit fare information	Planned	Information provided by transit management that supports fare payment transactions.
Local Dial-A-Ride Transit Dispatchers	Public Private Traveler Information	transit probe data	Planned	Aggregate probe data derived from tracking transit vehicles. Data collected could include transit vehicle speeds and travel times for a given link or collection of links.
Local Dial-A-Ride Transit Dispatchers	Public Private Traveler Information	transit schedule adherence information	Planned	Dynamic transit schedule adherence and transit vehicle location information.
Local Dial-A-Ride Transit Dispatchers	Public Private Traveler Information	transit trip plan	Planned	An origin-destination transit trip that may involve multiple modes and connections.
Local Dial-A-Ride Transit Dispatchers	Transit Providers Dispatch (Public and Private)	transit fare coordination	Planned	Fare and pricing information shared between local/regional transit organizations.
Local Dial-A-Ride Transit Dispatchers	Transit Providers Dispatch (Public and Private)	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
Local Dial-A-Ride Transit Dispatchers	Transit Providers Dispatch (Public and Private)	transit traveler information coordination	Planned	Transit schedules, real-time arrival information, fare schedules, and general transit service information shared between transit organizations to support transit traveler information systems.
Local Dial-A-Ride Transit Dispatchers	Tribal Public Safety Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Local Dial-A-Ride Transit Dispatchers	Tribal Public Safety Dispatch	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Local Dial-A-Ride Transit Dispatchers	Tribal Public Safety Dispatch	emergency transit schedule information	Planned	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Local Dial-A-Ride Transit Dispatchers	Tribal Public Safety Dispatch	emergency transit service response	Planned	Response indicating changes to transit service, fares, and/or restrictions that will be made and status of transit resources to be deployed to support emergency response and/or evacuation.
Local Dial-A-Ride Transit Dispatchers	Tribal Public Safety Dispatch	transit system status assessment	Planned	Assessment of damage sustained by the public transportation system including location and extent of the damage, current operational status including an estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Local Dial-A-Ride Transit Dispatchers	Tribal TMC-TOC-TIC	emergency transit schedule information	Planned	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Local Dial-A-Ride Transit Dispatchers	Tribal Transit Centers	transit fare coordination	Planned	Fare and pricing information shared between local/regional transit organizations.
Local Dial-A-Ride Transit Dispatchers	Tribal Transit Centers	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
Local Dial-A-Ride Transit Dispatchers	US Border Patrol Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Local Dial-A-Ride Transit Dispatchers	US Border Patrol Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Local Dial-A-Ride Transit Dispatchers	US Border Patrol Dispatch	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Local Dial-A-Ride Transit Dispatchers	US Border Patrol Dispatch	emergency transit service response	Existing	Response indicating changes to transit service, fares, and/or restrictions that will be made and status of transit resources to be deployed to support emergency response and/or evacuation.
Local Dial-A-Ride Transit Dispatchers	US Border Patrol Dispatch	transit system status assessment	Planned	Assessment of damage sustained by the public transportation system including location and extent of the damage, current operational status including an estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Local Dial-A-Ride Transit Dispatchers	Wide Area Alerting Systems	emergency transit schedule information	Planned	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Local Dial-A-Ride Transit Dispatchers	YCAT Transit Passes	authorization response	Planned	Notification of status of authorization request.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Local Dial-A-Ride Transit Dispatchers	YCAT Transit Passes	fare management information	Planned	Transit fare information and transaction data used to manage transit fare processing.
Local Dial-A-Ride Transit Dispatchers	YCAT Website	demand responsive transit plan	Planned	Plan regarding overall demand responsive transit schedules and deployment.
Local Dial-A-Ride Transit Dispatchers	YCAT Website	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Local Dial-A-Ride Transit Dispatchers	YCAT Website	transit and fare schedules	Planned	Transit service information including routes, schedules, and fare information. This also includes on-demand service information.
Local Dial-A-Ride Transit Dispatchers	YCAT Website	transit schedule adherence information	Planned	Dynamic transit schedule adherence and transit vehicle location information.
Local Dial-A-Ride Transit Dispatchers	Yuma County Area Transit (YCAT)	transit fare coordination	Planned	Fare and pricing information shared between local/regional transit organizations.
Local Dial-A-Ride Transit Dispatchers	Yuma County Area Transit (YCAT)	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
Local Dial-A-Ride Transit Dispatchers	Yuma County Area Transit (YCAT)	transit traveler information coordination	Planned	Transit schedules, real-time arrival information, fare schedules, and general transit service information shared between transit organizations to support transit traveler information systems.
Local Dial-A-Ride Transit Vehicles	Cities and Towns Transit Dispatch	authorization request	Planned	Request to determine if a transportation user is authorized to use a particular transportation resource.
Local Dial-A-Ride Transit Vehicles	Cities and Towns Transit Dispatch	fare collection data	Planned	Fare collection information including the summary of fare system data and financial payment transaction data.
Local Dial-A-Ride Transit Vehicles	Cities and Towns Transit Dispatch	transit vehicle schedule performance	Planned	Estimated times of arrival and anticipated schedule deviations reported by a transit vehicle.
Local Dial-A-Ride Transit Vehicles	Local Dial-A-Ride Transit Dispatchers	alarm notification	Existing	Notification of activation of an audible or silent alarm by a traveler in a public area or by a transit vehicle operator using an on-board device.
Local Dial-A-Ride Transit Vehicles	Local Dial-A-Ride Transit Dispatchers	authorization request	Planned	Request to determine if a transportation user is authorized to use a particular transportation resource.
Local Dial-A-Ride Transit Vehicles	Local Dial-A-Ride Transit Dispatchers	demand response passenger and use data	Existing	Data collected on board a demand response vehicle relating to the picking up and discharging of passengers.
Local Dial-A-Ride Transit Vehicles	Local Dial-A-Ride Transit Dispatchers	fare collection data	Existing	Fare collection information including the summary of fare system data and financial payment transaction data.
Local Dial-A-Ride Transit Vehicles	Local Dial-A-Ride Transit Dispatchers	transit vehicle conditions	Existing	Operating conditions of transit vehicle (e.g., engine running, oil pressure, fuel level and usage). It includes status of other on-board systems including user displays, passenger counters, and security systems. This overall status information is also collected from unused (out of service) vehicles.
Local Dial-A-Ride Transit Vehicles	Local Dial-A-Ride Transit Dispatchers	transit vehicle loading data	Existing	Data collected on board the transit vehicle relating to passenger boarding and alighting.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Local Dial-A-Ride Transit Vehicles	Local Dial-A-Ride Transit Dispatchers	transit vehicle location data	Existing	Current transit vehicle location and related operational conditions data provided by a transit vehicle.
Local Dial-A-Ride Transit Vehicles	Local Dial-A-Ride Transit Dispatchers	transit vehicle operator authentication information	Existing	Information regarding on-board transit operator authentication
Local Dial-A-Ride Transit Vehicles	Local Dial-A-Ride Transit Dispatchers	transit vehicle schedule performance	Existing	Estimated times of arrival and anticipated schedule deviations reported by a transit vehicle.
Local Dial-A-Ride Transit Vehicles	Payment Administration Center	authorization request	Planned	Request to determine if a transportation user is authorized to use a particular transportation resource.
Local Dial-A-Ride Transit Vehicles	Traveler Card-Smartcard	payment device update	Planned	Information updated concerning traveler's personal data including name, address, user account information, trip records, and profile data.
Local Dial-A-Ride Transit Vehicles	Traveler Card-Smartcard	request for payment	Planned	Request to deduct cost of service from user's payment account.
Local Dial-A-Ride Transit Vehicles	Travelers	traveler interface updates	Planned	Visual or audio information (e.g., routes, messages, guidance, emergency information) that is provided to the traveler.
Local Dial-A-Ride Transit Vehicles	YCAT Transit Passes	payment device update	Planned	Information updated concerning traveler's personal data including name, address, user account information, trip records, and profile data.
Local Dial-A-Ride Transit Vehicles	YCAT Transit Passes	request for payment	Planned	Request to deduct cost of service from user's payment account.
MAG Data User Systems	ADOT HPMS Data Archive	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
MAG Data User Systems	ADOT TOC Data Archive	archive analysis requests	Planned	A user request that initiates data mining, analytical processing, aggregation or summarization, report formulation, or other advanced processing and analysis of archived data. The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
MAG Data User Systems	ADOT TOC Data Archive	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
MAG Data User Systems	AZTech RADS Data Archive	archive analysis requests	Planned	A user request that initiates data mining, analytical processing, aggregation or summarization, report formulation, or other advanced processing and analysis of archived data. The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
MAG Data User Systems	AZTech RADS Data Archive	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
MAG Data User Systems	DPS Data Archive	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
MAG Data User Systems	State Universities Data Archives	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
MAG Planning Traffic Database	ADOT AZ Crash Information System (ACIS)	archive analysis results	Planned	Processed information products, supporting meta data, and any associated transaction information resulting from data mining, analytical processing, aggregation or summarization, report formulation, or other on-line processing and analysis of archived data.
MAG Planning Traffic Database	ADOT AZ Crash Information System (ACIS)	archive request confirmation	Planned	Confirmation that an archive request has been received and processed with information on the disposition of the request.
MAG Planning Traffic Database	ADOT AZ Crash Information System (ACIS)	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
MAG Planning Traffic Database	ADOT Incident Response Unit (IRU)	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
MAG Planning Traffic Database	ADOT TOC Data User System	archive analysis results	Planned	Processed information products, supporting meta data, and any associated transaction information resulting from data mining, analytical processing, aggregation or summarization, report formulation, or other on-line processing and analysis of archived data.
MAG Planning Traffic Database	ADOT TOC Data User System	archive request confirmation	Planned	Confirmation that an archive request has been received and processed with information on the disposition of the request.
MAG Planning Traffic Database	ADOT TOC Data User System	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
MAG Planning Traffic Database	Archive Data Users	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
MAG Planning Traffic Database	AZTech RADS Data Archive	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
MAG Planning Traffic Database	AZTech RADS Data Archive	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
MAG Planning Traffic Database	AZTech RADS Data Archive	other data source archive data	Planned	Data extracted from other data sources. A wide range of ITS and non-ITS data and associated meta data may be provided.
MAG Planning Traffic Database	AZTech RADS Data User System	archive analysis results	Planned	Processed information products, supporting meta data, and any associated transaction information resulting from data mining, analytical processing, aggregation or summarization, report formulation, or other on-line processing and analysis of archived data.
MAG Planning Traffic Database	AZTech RADS Data User System	archive request confirmation	Planned	Confirmation that an archive request has been received and processed with information on the disposition of the request.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
MAG Planning Traffic Database	AZTech RADS Data User System	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
MAG Planning Traffic Database	AZTech Regional Info System (ARIS)	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
Map Update System	ADOT CV Roadside Equipment	intersection geometry	Planned	The physical geometry of an intersection covering the location and width of each approaching lane, egress lane, and valid paths between approaches and egresses. This flow also defines the location of stop lines, cross walks, specific traffic law restrictions for the intersection (e.g., turning movement restrictions), and other elements that support calculation of a safe and legal vehicle path through the intersection.
Map Update System	ADOT CV Roadside Equipment	map updates	Planned	Map update that could include a new underlying static or real-time map or map layer(s) update. Map layers can include highways, major roads, streets, public transport routes, topography, points of interest, and regulatory information including turn restrictions and speed limits.
Map Update System	ADOT CV Roadside Equipment	parking facility geometry	Planned	Precise spatial description of a parking facility that locates each parking space and the ingress and egress routes that are used to travel to and from the spaces.
Map Update System	ADOT CV Roadside Equipment	roadway geometry	Planned	The physical geometry of a road segment that specifies the location and width of each lane, including normal lanes as well as special lanes for pedestrians and bicycles, transit vehicles, and trains. This flow also may include the curvature, grade, and superelevation or banking of the road segment.
Map Update System	ADOT DEOC-Dept EM Ops Center	intersection geometry	Planned	The physical geometry of an intersection covering the location and width of each approaching lane, egress lane, and valid paths between approaches and egresses. This flow also defines the location of stop lines, cross walks, specific traffic law restrictions for the intersection (e.g., turning movement restrictions), and other elements that support calculation of a safe and legal vehicle path through the intersection.
Map Update System	ADOT DEOC-Dept EM Ops Center	map updates	Planned	Map update that could include a new underlying static or real-time map or map layer(s) update. Map layers can include highways, major roads, streets, public transport routes, topography, points of interest, and regulatory information including turn restrictions and speed limits.
Map Update System	ADOT TOC and EMC	intersection geometry	Planned	The physical geometry of an intersection covering the location and width of each approaching lane, egress lane, and valid paths between approaches and egresses. This flow also defines the location of stop lines, cross walks, specific traffic law restrictions for the intersection (e.g., turning movement restrictions), and other elements that support calculation of a safe and legal vehicle path through the intersection.
Map Update System	ADOT TOC and EMC	map updates	Planned	Map update that could include a new underlying static or real-time map or map layer(s) update. Map layers can include highways, major roads, streets, public transport routes, topography, points of interest, and regulatory information including turn restrictions and speed limits.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Map Update System	ADOT Truck Parking Availability System (TPAS)	parking facility geometry	Planned	Precise spatial description of a parking facility that locates each parking space and the ingress and egress routes that are used to travel to and from the spaces.
Map Update System	DPS Central Communications Center	intersection geometry	Planned	The physical geometry of an intersection covering the location and width of each approaching lane, egress lane, and valid paths between approaches and egresses. This flow also defines the location of stop lines, cross walks, specific traffic law restrictions for the intersection (e.g., turning movement restrictions), and other elements that support calculation of a safe and legal vehicle path through the intersection.
Map Update System	DPS Central Communications Center	map updates	Planned	Map update that could include a new underlying static or real-time map or map layer(s) update. Map layers can include highways, major roads, streets, public transport routes, topography, points of interest, and regulatory information including turn restrictions and speed limits.
Map Update System	Private Transit Routing Service Provider	map updates	Planned	Map update that could include a new underlying static or real-time map or map layer(s) update. Map layers can include highways, major roads, streets, public transport routes, topography, points of interest, and regulatory information including turn restrictions and speed limits.
Map Update System	Private Transit Routing Service Provider	pathway map updates	Planned	Pathway map updates that could include a new underlying static or real-time map or map layer(s) update. Map layers can include pedestrian routes, bike lanes, curbs, elevators, escalators, doorways, curb cutouts, indoor facilities, and other relevant features that impact pathway use.
Maricopa County EOC	ADOT DEOC-Dept EM Ops Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Maricopa County EOC	ADOT DEOC-Dept EM Ops Center	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Maricopa County EOC	ADOT DEOC-Dept EM Ops Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Maricopa County EOC	ADOT DEOC-Dept EM Ops Center	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Maricopa County EOC	ADOT DEOC-Dept EM Ops Center	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Maricopa County EOC	ADOT DEOC-Dept EM Ops Center	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Maricopa County EOC	ADOT DEOC-Dept EM Ops Center	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Maricopa County EOC	ADOT DEOC-Dept EM Ops Center	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Maricopa County EOC	ADOT DEOC-Dept EM Ops Center	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Maricopa County EOC	ADOT DEOC-Dept EM Ops Center	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Maricopa County EOC	ADOT DEOC-Dept EM Ops Center	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Maricopa County EOC	ADOT DEOC-Dept EM Ops Center	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Maricopa County EOC	ADOT DEOC-Dept EM Ops Center	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
Maricopa County EOC	ADOT DEOC-Dept EM Ops Center	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
Maricopa County EOC	ADOT DEOC-Dept EM Ops Center	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Maricopa County EOC	ADOT DEOC-Dept EM Ops Center	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Maricopa County EOC	ADOT ECD Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Maricopa County EOC	ADOT ECD Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Maricopa County EOC	ADOT ECD Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Maricopa County EOC	ADOT ECD Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Maricopa County EOC	ADOT ECD Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Maricopa County EOC	ADOT ECD Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Maricopa County EOC	ADOT ECD Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Maricopa County EOC	ADOT ECD Dispatch	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Maricopa County EOC	ADOT ECD Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Maricopa County EOC	ADOT ECD Operational Communications	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Maricopa County EOC	ADOT ECD Operational Communications	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Maricopa County EOC	ADOT ECD Operational Communications	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Maricopa County EOC	ADOT ECD Operational Communications	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Maricopa County EOC	ADOT ECD Operational Communications	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Maricopa County EOC	ADOT ECD Operational Communications	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Maricopa County EOC	ADOT ECD Operational Communications	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Maricopa County EOC	ADOT ECD Operational Communications	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Maricopa County EOC	ADOT HazMat Response Team	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Maricopa County EOC	ADOT HazMat Response Team	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Maricopa County EOC	ADOT HazMat Response Team	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Maricopa County EOC	ADOT HazMat Response Team	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
Maricopa County EOC	ADOT HazMat Response Team	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Maricopa County EOC	ADOT HazMat Response Team	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Maricopa County EOC	ADOT HazMat Response Team	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Maricopa County EOC	ADOT HazMat Response Team	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Maricopa County EOC	ADOT HazMat Response Team	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Maricopa County EOC	ADOT HazMat Response Team	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Maricopa County EOC	ADOT HazMat Response Team	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Maricopa County EOC	ADOT HazMat Response Team	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Maricopa County EOC	ADOT HazMat Response Team	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
Maricopa County EOC	ADOT HazMat Response Team	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc).
Maricopa County EOC	ADOT HazMat Response Team	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Maricopa County EOC	ADOT HazMat Response Team	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Maricopa County EOC	ADOT Incident Response Unit (IRU)	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Maricopa County EOC	ADOT TOC and EMC	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Maricopa County EOC	ADOT TOC and EMC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Maricopa County EOC	ADOT TOC and EMC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Maricopa County EOC	ADOT TOC and EMC	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
Maricopa County EOC	ADOT TOC and EMC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Maricopa County EOC	ADOT TOC and EMC	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Maricopa County EOC	ADOT TOC and EMC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Maricopa County EOC	ADOT TOC and EMC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Maricopa County EOC	ADOT TOC and EMC	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Maricopa County EOC	ADOT TOC and EMC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Maricopa County EOC	ADOT TOC and EMC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Maricopa County EOC	ADOT TOC and EMC	remote surveillance control	Planned	The control commands used to remotely operate another center's sensors or surveillance equipment so that roadside surveillance assets can be shared by more than one agency.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Maricopa County EOC	ADOT TOC and EMC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Maricopa County EOC	ADOT TOC and EMC	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
Maricopa County EOC	ADOT TOC and EMC	threat information	Planned	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
Maricopa County EOC	ADOT TOC and EMC	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Maricopa County EOC	ADOT TOC and EMC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Maricopa County EOC	AZTech RADS Data Archive	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Maricopa County EOC	AZTech RADS Data Archive	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Maricopa County EOC	AZTech RADS Data Archive	emergency traffic control request	Planned	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
Maricopa County EOC	AZTech RADS Data Archive	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Maricopa County EOC	AZTech RADS Data Archive	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Maricopa County EOC	AZTech RADS Data Archive	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Maricopa County EOC	AZTech RADS Data Archive	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
Maricopa County EOC	AZTech RADS Data Archive	threat information	Planned	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
Maricopa County EOC	AZTech RADS Data Archive	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Maricopa County EOC	AZTech Regional Info System (ARIS)	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Maricopa County EOC	AZTech Regional Info System (ARIS)	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Maricopa County EOC	AZTech Regional Info System (ARIS)	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
Maricopa County EOC	AZTech Regional Info System (ARIS)	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Maricopa County EOC	County 911 PSAPs	incident information for public	Existing	Report of current desensitized incident information prepared for public dissemination.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Maricopa County EOC	County 911 PSAPs	incident notification response	Planned	Interactive acknowledgement and verification of the incident information received, requests for additional information, and general information on incident response status.
Maricopa County EOC	County EMC-EOC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Maricopa County EOC	County EMC-EOC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Maricopa County EOC	County EMC-EOC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Maricopa County EOC	County EMC-EOC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Maricopa County EOC	County EMC-EOC	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Maricopa County EOC	County EMC-EOC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Maricopa County EOC	County EMC-EOC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Maricopa County EOC	County EMC-EOC	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Maricopa County EOC	County EMC-EOC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Maricopa County EOC	DEMA Enforcement	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Maricopa County EOC	DEMA Enforcement	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Maricopa County EOC	DEMA Enforcement	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Maricopa County EOC	DEMA Enforcement	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Maricopa County EOC	DEMA Enforcement	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Maricopa County EOC	DEMA Enforcement	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Maricopa County EOC	DEMA Enforcement	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Maricopa County EOC	DEMA Enforcement	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Maricopa County EOC	DEMA Enforcement	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Maricopa County EOC	DEMA SEOC Arizona DEM Military Affairs	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Maricopa County EOC	DEMA SEOC Arizona DEM Military Affairs	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Maricopa County EOC	DEMA SEOC Arizona DEM Military Affairs	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Maricopa County EOC	DEMA SEOC Arizona DEM Military Affairs	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Maricopa County EOC	DEMA SEOC Arizona DEM Military Affairs	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Maricopa County EOC	DEMA SEOC Arizona DEM Military Affairs	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Maricopa County EOC	DEMA SEOC Arizona DEM Military Affairs	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Maricopa County EOC	DEMA SEOC Arizona DEM Military Affairs	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Maricopa County EOC	DEMA SEOC Arizona DEM Military Affairs	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Maricopa County EOC	DEMA WebEOC System	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Maricopa County EOC	DEMA WebEOC System	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Maricopa County EOC	DEMA WebEOC System	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Maricopa County EOC	DEMA WebEOC System	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Maricopa County EOC	DEMA WebEOC System	incident information for public	Existing	Report of current desensitized incident information prepared for public dissemination.
Maricopa County EOC	DEMA WebEOC System	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Maricopa County EOC	DEMA WebEOC System	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Maricopa County EOC	DEMA WebEOC System	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Maricopa County EOC	DEMA WebEOC System	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Maricopa County EOC	DEMA WebEOC System	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Maricopa County EOC	DPS Console Interface (Other LE)	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Maricopa County EOC	DPS Console Interface (Other LE)	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Maricopa County EOC	DPS Console Interface (Other LE)	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Maricopa County EOC	DPS Console Interface (Other LE)	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Maricopa County EOC	DPS Console Interface (Other LE)	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Maricopa County EOC	DPS Console Interface (Other LE)	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Maricopa County EOC	DPS Console Interface (Other LE)	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Maricopa County EOC	DPS Console Interface (Other LE)	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Maricopa County EOC	DPS Console Interface (Other LE)	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Maricopa County EOC	Fleet Management Systems	hazmat information request	Existing	Request for information about a particular hazmat load.
Maricopa County EOC	Independent School District Bus Dispatch	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Maricopa County EOC	Independent School District Bus Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Maricopa County EOC	Independent School District Bus Dispatch	emergency transit service request	Existing	Request to modify transit service and fare schedules to address emergencies, including requests for transit services to evacuate people from and/or deploy response agency personnel to an emergency scene. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of transit resources.
Maricopa County EOC	Independent School District Bus Dispatch	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Maricopa County EOC	Independent School District Bus Dispatch	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Maricopa County EOC	Independent School District Bus Dispatch	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Maricopa County EOC	Independent School District Bus Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Maricopa County EOC	Local Dial-A-Ride Transit Dispatchers	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Maricopa County EOC	Local Dial-A-Ride Transit Dispatchers	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Maricopa County EOC	Local Dial-A-Ride Transit Dispatchers	emergency transit service request	Planned	Request to modify transit service and fare schedules to address emergencies, including requests for transit services to evacuate people from and/or deploy response agency personnel to an emergency scene. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of transit resources.
Maricopa County EOC	Local Dial-A-Ride Transit Dispatchers	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Maricopa County EOC	Local Dial-A-Ride Transit Dispatchers	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Maricopa County EOC	Local Dial-A-Ride Transit Dispatchers	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Maricopa County EOC	Local Dial-A-Ride Transit Dispatchers	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Maricopa County EOC	Local Print and Broadcast Media	incident information for media	Existing	Report of current desensitized incident information prepared for public dissemination through the media.
Maricopa County EOC	Mexico Customs and Border Patrol	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Maricopa County EOC	Mexico Customs and Border Patrol	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Maricopa County EOC	Mexico Customs and Border Patrol	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Maricopa County EOC	Mexico Customs and Border Patrol	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Maricopa County EOC	Mexico Customs and Border Patrol	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Maricopa County EOC	Mexico Customs and Border Patrol	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Maricopa County EOC	Mexico Customs and Border Patrol	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Maricopa County EOC	Mexico Customs and Border Patrol	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Maricopa County EOC	Mexico Customs and Border Patrol	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Maricopa County EOC	Mexico Public Safety	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Maricopa County EOC	Mexico Public Safety	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Maricopa County EOC	Mexico Public Safety	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Maricopa County EOC	Mexico Public Safety	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Maricopa County EOC	Mexico Public Safety	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Maricopa County EOC	Mexico Public Safety	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Maricopa County EOC	Mexico Public Safety	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Maricopa County EOC	Mexico Public Safety	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Maricopa County EOC	Mexico Public Safety	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Maricopa County EOC	Mexico Regional Maintenance Section	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Maricopa County EOC	Mexico Regional Maintenance Section	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Maricopa County EOC	Mexico Regional Maintenance Section	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Maricopa County EOC	Mexico Regional Maintenance Section	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Maricopa County EOC	Mexico Regional Maintenance Section	maint and constr resource request	Planned	Request for road maintenance and construction resources that can be used in the diversion of traffic (cones, portable signs), clearance of a road hazard, repair of ancillary damage, or any other incident response. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of resources.
Maricopa County EOC	Mexico Regional Maintenance Section	threat information	Planned	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc).
Maricopa County EOC	Mexico Regional Maintenance Section	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Maricopa County EOC	Mexico Regional TMC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Maricopa County EOC	Mexico Regional TMC	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
Maricopa County EOC	Mexico Regional TMC	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Maricopa County EOC	Mexico Regional TMC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Maricopa County EOC	Mexico Regional TMC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Maricopa County EOC	Mexico Regional TMC	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
Maricopa County EOC	Mexico Regional TMC	threat information	Planned	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
Maricopa County EOC	Mexico Regional TMC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Maricopa County EOC	Public Private Traveler Information	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Maricopa County EOC	Public Private Traveler Information	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Maricopa County EOC	Public Private Traveler Information	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
Maricopa County EOC	Public Private Traveler Information	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Maricopa County EOC	Railroad Operations Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Maricopa County EOC	Social Media and Networking	alert notification for social media	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public via social media. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This version of the flow contains only publicly available information and is structured and formatted for publication on specific social media platforms and other public-facing sites.
Maricopa County EOC	Tribal Public Safety Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Maricopa County EOC	Tribal Public Safety Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Maricopa County EOC	Tribal Public Safety Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Maricopa County EOC	Tribal Public Safety Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Maricopa County EOC	Tribal Public Safety Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Maricopa County EOC	Tribal Public Safety Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Maricopa County EOC	Tribal Public Safety Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Maricopa County EOC	Tribal Public Safety Dispatch	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Maricopa County EOC	Tribal Public Safety Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Maricopa County EOC	US Border Patrol Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Maricopa County EOC	US Border Patrol Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Maricopa County EOC	US Border Patrol Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Maricopa County EOC	US Border Patrol Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Maricopa County EOC	US Border Patrol Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Maricopa County EOC	US Border Patrol Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Maricopa County EOC	US Border Patrol Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Maricopa County EOC	Utah State Police Dispatch	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Maricopa County EOC	Utah State Police Dispatch	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Maricopa County EOC	Utah State Police Dispatch	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Maricopa County EOC	Utah State Police Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Maricopa County EOC	Utah State Police Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Maricopa County EOC	Utah State Police Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Maricopa County EOC	Utah State Police Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Maricopa County EOC	Utah State Police Dispatch	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Maricopa County EOC	Utah State Police Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Maricopa County EOC	Wide Area Alerting Systems	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Maricopa County EOC	Wide Area Alerting Systems	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Maricopa County EOC	Wide Area Alerting Systems	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
Maricopa County EOC	Wide Area Alerting Systems	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
MCDOT Service Monitoring Sys for Connected Vehicles	ADOT ITS Field Equipment	time local form	Planned	Time local form includes UTC time synchronized with the external source in a format usable by connected vehicle center functions.
MCDOT Service Monitoring Sys for Connected Vehicles	ADOT Systems Maintenance	RSE fault data	Planned	RSE fault information that can be used to identify RSEs that require initialization, reconfiguration, repair or replacement. This flow identifies the device, the nature of the fault, and associated error codes and diagnostic data.
MCDOT Service Monitoring Sys for Connected Vehicles	AZTech RADS Data Archive	RSE fault data	Planned	RSE fault information that can be used to identify RSEs that require initialization, reconfiguration, repair or replacement. This flow identifies the device, the nature of the fault, and associated error codes and diagnostic data.
MCDOT Service Monitoring Sys for Connected Vehicles	AZTech RADS Data Archive	time local form	Planned	Time local form includes UTC time synchronized with the external source in a format usable by connected vehicle center functions.
Mexico Customs and Border Patrol	ADOT DEOC-Dept EM Ops Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Mexico Customs and Border Patrol	ADOT DEOC-Dept EM Ops Center	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Mexico Customs and Border Patrol	ADOT DEOC-Dept EM Ops Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Mexico Customs and Border Patrol	ADOT DEOC-Dept EM Ops Center	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
Mexico Customs and Border Patrol	ADOT DEOC-Dept EM Ops Center	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Mexico Customs and Border Patrol	ADOT DEOC-Dept EM Ops Center	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Mexico Customs and Border Patrol	ADOT DEOC-Dept EM Ops Center	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Mexico Customs and Border Patrol	ADOT DEOC-Dept EM Ops Center	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Mexico Customs and Border Patrol	ADOT DEOC-Dept EM Ops Center	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Mexico Customs and Border Patrol	ADOT DEOC-Dept EM Ops Center	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Mexico Customs and Border Patrol	ADOT DEOC-Dept EM Ops Center	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Mexico Customs and Border Patrol	ADOT DEOC-Dept EM Ops Center	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Mexico Customs and Border Patrol	ADOT DEOC-Dept EM Ops Center	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
Mexico Customs and Border Patrol	ADOT DEOC-Dept EM Ops Center	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc).
Mexico Customs and Border Patrol	ADOT DEOC-Dept EM Ops Center	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Mexico Customs and Border Patrol	ADOT DEOC-Dept EM Ops Center	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Mexico Customs and Border Patrol	ADOT ECD Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Mexico Customs and Border Patrol	ADOT ECD Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Mexico Customs and Border Patrol	ADOT ECD Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Mexico Customs and Border Patrol	ADOT ECD Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Mexico Customs and Border Patrol	ADOT ECD Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Mexico Customs and Border Patrol	ADOT ECD Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Mexico Customs and Border Patrol	ADOT ECD Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Mexico Customs and Border Patrol	ADOT ECD Dispatch	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Mexico Customs and Border Patrol	ADOT ECD Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Mexico Customs and Border Patrol	ADOT ECD Operational Communications	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Mexico Customs and Border Patrol	ADOT ECD Operational Communications	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Mexico Customs and Border Patrol	ADOT ECD Operational Communications	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Mexico Customs and Border Patrol	ADOT ECD Operational Communications	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Mexico Customs and Border Patrol	ADOT ECD Operational Communications	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Mexico Customs and Border Patrol	ADOT ECD Operational Communications	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Mexico Customs and Border Patrol	ADOT ECD Operational Communications	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Mexico Customs and Border Patrol	ADOT ECD Operational Communications	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Mexico Customs and Border Patrol	ADOT ECD Operational Communications	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Mexico Customs and Border Patrol	DEMA Enforcement	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Mexico Customs and Border Patrol	DEMA Enforcement	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Mexico Customs and Border Patrol	DEMA Enforcement	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Mexico Customs and Border Patrol	DEMA Enforcement	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Mexico Customs and Border Patrol	DEMA Enforcement	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Mexico Customs and Border Patrol	DEMA Enforcement	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Mexico Customs and Border Patrol	DEMA Enforcement	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Mexico Customs and Border Patrol	DEMA Enforcement	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Mexico Customs and Border Patrol	DEMA Enforcement	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Mexico Customs and Border Patrol	DEMA SEOC Arizona DEM Military Affairs	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Mexico Customs and Border Patrol	DEMA SEOC Arizona DEM Military Affairs	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Mexico Customs and Border Patrol	DEMA SEOC Arizona DEM Military Affairs	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Mexico Customs and Border Patrol	DEMA SEOC Arizona DEM Military Affairs	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Mexico Customs and Border Patrol	DEMA SEOC Arizona DEM Military Affairs	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Mexico Customs and Border Patrol	DEMA SEOC Arizona DEM Military Affairs	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Mexico Customs and Border Patrol	DEMA SEOC Arizona DEM Military Affairs	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Mexico Customs and Border Patrol	DEMA SEOC Arizona DEM Military Affairs	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Mexico Customs and Border Patrol	DEMA SEOC Arizona DEM Military Affairs	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Mexico Customs and Border Patrol	DEMA WebEOC System	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Mexico Customs and Border Patrol	DEMA WebEOC System	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Mexico Customs and Border Patrol	DEMA WebEOC System	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Mexico Customs and Border Patrol	DEMA WebEOC System	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Mexico Customs and Border Patrol	DEMA WebEOC System	incident information for public	Existing	Report of current desensitized incident information prepared for public dissemination.
Mexico Customs and Border Patrol	DEMA WebEOC System	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Mexico Customs and Border Patrol	DEMA WebEOC System	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Mexico Customs and Border Patrol	DEMA WebEOC System	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Mexico Customs and Border Patrol	DEMA WebEOC System	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Mexico Customs and Border Patrol	DEMA WebEOC System	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Mexico Customs and Border Patrol	DPS Console Interface (Other LE)	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Mexico Customs and Border Patrol	DPS Console Interface (Other LE)	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Mexico Customs and Border Patrol	DPS Console Interface (Other LE)	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Mexico Customs and Border Patrol	DPS Console Interface (Other LE)	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Mexico Customs and Border Patrol	DPS Console Interface (Other LE)	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Mexico Customs and Border Patrol	DPS Console Interface (Other LE)	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Mexico Customs and Border Patrol	DPS Console Interface (Other LE)	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Mexico Customs and Border Patrol	DPS Console Interface (Other LE)	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Mexico Customs and Border Patrol	DPS Console Interface (Other LE)	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Mexico Customs and Border Patrol	DPS Data Archive	emergency archive data	Existing	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Mexico Customs and Border Patrol	Independent School District Bus Dispatch	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Mexico Customs and Border Patrol	Independent School District Bus Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Mexico Customs and Border Patrol	Independent School District Bus Dispatch	emergency transit service request	Existing	Request to modify transit service and fare schedules to address emergencies, including requests for transit services to evacuate people from and/or deploy response agency personnel to an emergency scene. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of transit resources.
Mexico Customs and Border Patrol	Independent School District Bus Dispatch	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Mexico Customs and Border Patrol	Independent School District Bus Dispatch	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Mexico Customs and Border Patrol	Independent School District Bus Dispatch	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Mexico Customs and Border Patrol	Independent School District Bus Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Mexico Customs and Border Patrol	Local Dial-A-Ride Transit Dispatchers	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Mexico Customs and Border Patrol	Local Dial-A-Ride Transit Dispatchers	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Mexico Customs and Border Patrol	Local Dial-A-Ride Transit Dispatchers	emergency transit service request	Planned	Request to modify transit service and fare schedules to address emergencies, including requests for transit services to evacuate people from and/or deploy response agency personnel to an emergency scene. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of transit resources.
Mexico Customs and Border Patrol	Local Dial-A-Ride Transit Dispatchers	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Mexico Customs and Border Patrol	Local Dial-A-Ride Transit Dispatchers	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Mexico Customs and Border Patrol	Local Dial-A-Ride Transit Dispatchers	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Mexico Customs and Border Patrol	Local Dial-A-Ride Transit Dispatchers	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Mexico Customs and Border Patrol	Maricopa County EOC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Mexico Customs and Border Patrol	Maricopa County EOC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Mexico Customs and Border Patrol	Maricopa County EOC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.

Information Flows – Tabular Format (sorted by Source Element)

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Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Mexico Customs and Border Patrol	Maricopa County EOC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Mexico Customs and Border Patrol	Maricopa County EOC	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Mexico Customs and Border Patrol	Maricopa County EOC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Mexico Customs and Border Patrol	Maricopa County EOC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Mexico Customs and Border Patrol	Maricopa County EOC	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Mexico Customs and Border Patrol	Maricopa County EOC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Mexico Customs and Border Patrol	Mexico Public Safety	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Mexico Customs and Border Patrol	Mexico Public Safety	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Mexico Customs and Border Patrol	Mexico Public Safety	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Mexico Customs and Border Patrol	Mexico Public Safety	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Mexico Customs and Border Patrol	Mexico Public Safety	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Mexico Customs and Border Patrol	Mexico Public Safety	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Mexico Customs and Border Patrol	Mexico Public Safety	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Mexico Customs and Border Patrol	Mexico Public Safety	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Mexico Customs and Border Patrol	Mexico Public Safety	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Mexico Customs and Border Patrol	Mexico Regional Maintenance Section	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Mexico Customs and Border Patrol	Mexico Regional Maintenance Section	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Mexico Customs and Border Patrol	Mexico Regional Maintenance Section	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Mexico Customs and Border Patrol	Mexico Regional Maintenance Section	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Mexico Customs and Border Patrol	Mexico Regional Maintenance Section	maint and constr resource request	Planned	Request for road maintenance and construction resources that can be used in the diversion of traffic (cones, portable signs), clearance of a road hazard, repair of ancillary damage, or any other incident response. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of resources.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Mexico Customs and Border Patrol	Mexico Regional Maintenance Section	threat information	Planned	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
Mexico Customs and Border Patrol	Mexico Regional Maintenance Section	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Mexico Customs and Border Patrol	Mexico Regional TMC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Mexico Customs and Border Patrol	Mexico Regional TMC	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
Mexico Customs and Border Patrol	Mexico Regional TMC	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Mexico Customs and Border Patrol	Mexico Regional TMC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Mexico Customs and Border Patrol	Mexico Regional TMC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Mexico Customs and Border Patrol	Mexico Regional TMC	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
Mexico Customs and Border Patrol	Mexico Regional TMC	threat information	Planned	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.

Information Flows – Tabular Format (sorted by Source Element)

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Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Mexico Customs and Border Patrol	Mexico Regional TMC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Mexico Customs and Border Patrol	POE Data Archive	emergency archive data	Planned	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
Mexico Customs and Border Patrol	POE Roadway Inspection Systems	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Mexico Customs and Border Patrol	POE Roadway Inspection Systems	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Mexico Customs and Border Patrol	POE Roadway Inspection Systems	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
Mexico Customs and Border Patrol	POE Roadway Inspection Systems	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Mexico Customs and Border Patrol	Public Private Traveler Information	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Mexico Customs and Border Patrol	Public Private Traveler Information	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Mexico Customs and Border Patrol	Public Private Traveler Information	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
Mexico Customs and Border Patrol	Public Private Traveler Information	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

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Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Mexico Customs and Border Patrol	Railroad Operations Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Mexico Customs and Border Patrol	Social Media and Networking	alert notification for social media	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public via social media. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This version of the flow contains only publicly available information and is structured and formatted for publication on specific social media platforms and other public-facing sites.
Mexico Customs and Border Patrol	US Border Patrol Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Mexico Customs and Border Patrol	US Border Patrol Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Mexico Customs and Border Patrol	US Border Patrol Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Mexico Customs and Border Patrol	US Border Patrol Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Mexico Customs and Border Patrol	US Border Patrol Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Mexico Customs and Border Patrol	US Border Patrol Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Mexico Customs and Border Patrol	US Border Patrol Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Mexico Customs and Border Patrol	Wide Area Alerting Systems	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Mexico Customs and Border Patrol	Wide Area Alerting Systems	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Mexico Customs and Border Patrol	Wide Area Alerting Systems	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
Mexico Customs and Border Patrol	Wide Area Alerting Systems	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Mexico Public Safety	ADOT DEOC-Dept EM Ops Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Mexico Public Safety	ADOT DEOC-Dept EM Ops Center	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Mexico Public Safety	ADOT DEOC-Dept EM Ops Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Mexico Public Safety	ADOT DEOC-Dept EM Ops Center	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
Mexico Public Safety	ADOT DEOC-Dept EM Ops Center	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Mexico Public Safety	ADOT DEOC-Dept EM Ops Center	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Mexico Public Safety	ADOT DEOC-Dept EM Ops Center	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Mexico Public Safety	ADOT DEOC-Dept EM Ops Center	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Mexico Public Safety	ADOT DEOC-Dept EM Ops Center	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Mexico Public Safety	ADOT DEOC-Dept EM Ops Center	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Mexico Public Safety	ADOT DEOC-Dept EM Ops Center	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Mexico Public Safety	ADOT DEOC-Dept EM Ops Center	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Mexico Public Safety	ADOT DEOC-Dept EM Ops Center	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
Mexico Public Safety	ADOT DEOC-Dept EM Ops Center	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
Mexico Public Safety	ADOT DEOC-Dept EM Ops Center	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Mexico Public Safety	ADOT DEOC-Dept EM Ops Center	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Mexico Public Safety	ADOT ECD Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Mexico Public Safety	ADOT ECD Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Mexico Public Safety	ADOT ECD Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Mexico Public Safety	ADOT ECD Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Mexico Public Safety	ADOT ECD Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Mexico Public Safety	ADOT ECD Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Mexico Public Safety	ADOT ECD Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Mexico Public Safety	ADOT ECD Dispatch	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Mexico Public Safety	ADOT ECD Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Mexico Public Safety	ADOT ECD Operational Communications	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Mexico Public Safety	ADOT ECD Operational Communications	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Mexico Public Safety	ADOT ECD Operational Communications	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Mexico Public Safety	ADOT ECD Operational Communications	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Mexico Public Safety	ADOT ECD Operational Communications	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Mexico Public Safety	ADOT ECD Operational Communications	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Mexico Public Safety	ADOT ECD Operational Communications	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Mexico Public Safety	ADOT ECD Operational Communications	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Mexico Public Safety	ADOT ECD Operational Communications	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Mexico Public Safety	Cities and Towns Transit Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Mexico Public Safety	Cities and Towns Transit Dispatch	emergency transit service request	Existing	Request to modify transit service and fare schedules to address emergencies, including requests for transit services to evacuate people from and/or deploy response agency personnel to an emergency scene. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of transit resources.
Mexico Public Safety	Cities and Towns Transit Dispatch	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Mexico Public Safety	Cities and Towns Transit Dispatch	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Mexico Public Safety	Cities and Towns Transit Dispatch	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Mexico Public Safety	Cities and Towns Transit Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Mexico Public Safety	DEMA Enforcement	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Mexico Public Safety	DEMA Enforcement	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Mexico Public Safety	DEMA Enforcement	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Mexico Public Safety	DEMA Enforcement	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Mexico Public Safety	DEMA Enforcement	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Mexico Public Safety	DEMA Enforcement	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Mexico Public Safety	DEMA Enforcement	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Mexico Public Safety	DEMA Enforcement	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Mexico Public Safety	DEMA Enforcement	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Mexico Public Safety	DEMA SEOC Arizona DEM Military Affairs	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Mexico Public Safety	DEMA SEOC Arizona DEM Military Affairs	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Mexico Public Safety	DEMA SEOC Arizona DEM Military Affairs	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Mexico Public Safety	DEMA SEOC Arizona DEM Military Affairs	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Mexico Public Safety	DEMA SEOC Arizona DEM Military Affairs	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Mexico Public Safety	DEMA SEOC Arizona DEM Military Affairs	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Mexico Public Safety	DEMA SEOC Arizona DEM Military Affairs	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Mexico Public Safety	DEMA SEOC Arizona DEM Military Affairs	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Mexico Public Safety	DEMA SEOC Arizona DEM Military Affairs	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Mexico Public Safety	DEMA WebEOC System	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Mexico Public Safety	DEMA WebEOC System	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Mexico Public Safety	DEMA WebEOC System	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Mexico Public Safety	DEMA WebEOC System	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Mexico Public Safety	DEMA WebEOC System	incident information for public	Existing	Report of current desensitized incident information prepared for public dissemination.
Mexico Public Safety	DEMA WebEOC System	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Mexico Public Safety	DEMA WebEOC System	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Mexico Public Safety	DEMA WebEOC System	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Mexico Public Safety	DEMA WebEOC System	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Mexico Public Safety	DEMA WebEOC System	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Mexico Public Safety	DPS Console Interface (Other LE)	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Mexico Public Safety	DPS Console Interface (Other LE)	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Mexico Public Safety	DPS Console Interface (Other LE)	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Mexico Public Safety	DPS Console Interface (Other LE)	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Mexico Public Safety	DPS Console Interface (Other LE)	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Mexico Public Safety	DPS Console Interface (Other LE)	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Mexico Public Safety	DPS Console Interface (Other LE)	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Mexico Public Safety	DPS Console Interface (Other LE)	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Mexico Public Safety	DPS Console Interface (Other LE)	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Mexico Public Safety	DPS Data Archive	emergency archive data	Existing	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
Mexico Public Safety	Independent School District Bus Dispatch	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Mexico Public Safety	Independent School District Bus Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Mexico Public Safety	Independent School District Bus Dispatch	emergency transit service request	Existing	Request to modify transit service and fare schedules to address emergencies, including requests for transit services to evacuate people from and/or deploy response agency personnel to an emergency scene. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of transit resources.
Mexico Public Safety	Independent School District Bus Dispatch	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Mexico Public Safety	Independent School District Bus Dispatch	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Mexico Public Safety	Independent School District Bus Dispatch	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Mexico Public Safety	Independent School District Bus Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Mexico Public Safety	Local Dial-A-Ride Transit Dispatchers	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Mexico Public Safety	Local Dial-A-Ride Transit Dispatchers	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Mexico Public Safety	Local Dial-A-Ride Transit Dispatchers	emergency transit service request	Planned	Request to modify transit service and fare schedules to address emergencies, including requests for transit services to evacuate people from and/or deploy response agency personnel to an emergency scene. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of transit resources.
Mexico Public Safety	Local Dial-A-Ride Transit Dispatchers	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Mexico Public Safety	Local Dial-A-Ride Transit Dispatchers	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Mexico Public Safety	Local Dial-A-Ride Transit Dispatchers	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Mexico Public Safety	Local Dial-A-Ride Transit Dispatchers	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Mexico Public Safety	Maricopa County EOC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Mexico Public Safety	Maricopa County EOC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Mexico Public Safety	Maricopa County EOC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Mexico Public Safety	Maricopa County EOC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Mexico Public Safety	Maricopa County EOC	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Mexico Public Safety	Maricopa County EOC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Mexico Public Safety	Maricopa County EOC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Mexico Public Safety	Maricopa County EOC	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Mexico Public Safety	Maricopa County EOC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Mexico Public Safety	Mexico Customs and Border Patrol	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Mexico Public Safety	Mexico Customs and Border Patrol	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Mexico Public Safety	Mexico Customs and Border Patrol	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Mexico Public Safety	Mexico Customs and Border Patrol	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Mexico Public Safety	Mexico Customs and Border Patrol	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Mexico Public Safety	Mexico Customs and Border Patrol	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Mexico Public Safety	Mexico Customs and Border Patrol	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Mexico Public Safety	Mexico Customs and Border Patrol	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Mexico Public Safety	Mexico Customs and Border Patrol	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Mexico Public Safety	Mexico Regional Maintenance Section	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Mexico Public Safety	Mexico Regional Maintenance Section	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Mexico Public Safety	Mexico Regional Maintenance Section	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Mexico Public Safety	Mexico Regional Maintenance Section	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Mexico Public Safety	Mexico Regional Maintenance Section	maint and constr resource request	Planned	Request for road maintenance and construction resources that can be used in the diversion of traffic (cones, portable signs), clearance of a road hazard, repair of ancillary damage, or any other incident response. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of resources.
Mexico Public Safety	Mexico Regional Maintenance Section	threat information	Planned	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc).
Mexico Public Safety	Mexico Regional Maintenance Section	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Mexico Public Safety	Mexico Regional TMC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Mexico Public Safety	Mexico Regional TMC	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
Mexico Public Safety	Mexico Regional TMC	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Mexico Public Safety	Mexico Regional TMC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Mexico Public Safety	Mexico Regional TMC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Mexico Public Safety	Mexico Regional TMC	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
Mexico Public Safety	Mexico Regional TMC	threat information	Planned	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc).
Mexico Public Safety	Mexico Regional TMC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Mexico Public Safety	POE Data Archive	emergency archive data	Planned	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Mexico Public Safety	Public Private Traveler Information	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Mexico Public Safety	Public Private Traveler Information	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Mexico Public Safety	Public Private Traveler Information	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
Mexico Public Safety	Public Private Traveler Information	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Mexico Public Safety	Railroad Operations Center	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Mexico Public Safety	Social Media and Networking	alert notification for social media	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public via social media. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This version of the flow contains only publicly available information and is structured and formatted for publication on specific social media platforms and other public-facing sites.
Mexico Public Safety	Transit Providers Dispatch (Public and Private)	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Mexico Public Safety	Transit Providers Dispatch (Public and Private)	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Mexico Public Safety	Transit Providers Dispatch (Public and Private)	emergency transit service request	Planned	Request to modify transit service and fare schedules to address emergencies, including requests for transit services to evacuate people from and/or deploy response agency personnel to an emergency scene. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of transit resources.
Mexico Public Safety	Transit Providers Dispatch (Public and Private)	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Mexico Public Safety	Transit Providers Dispatch (Public and Private)	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Mexico Public Safety	Transit Providers Dispatch (Public and Private)	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Mexico Public Safety	Transit Providers Dispatch (Public and Private)	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Mexico Public Safety	US Border Patrol Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Mexico Public Safety	US Border Patrol Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Mexico Public Safety	US Border Patrol Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Mexico Public Safety	US Border Patrol Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Mexico Public Safety	US Border Patrol Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Mexico Public Safety	US Border Patrol Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Mexico Public Safety	US Border Patrol Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Mexico Public Safety	Wide Area Alerting Systems	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Mexico Public Safety	Wide Area Alerting Systems	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Mexico Public Safety	Wide Area Alerting Systems	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
Mexico Public Safety	Wide Area Alerting Systems	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Mexico Regional Maintenance Section	DEMA SEOC Arizona DEM Military Affairs	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Mexico Regional Maintenance Section	DEMA SEOC Arizona DEM Military Affairs	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Mexico Regional Maintenance Section	DEMA SEOC Arizona DEM Military Affairs	maint and constr resource response	Planned	Current status of maintenance and construction resources including availability and deployment status. General resource inventory information covering vehicles, equipment, materials, and people and specific resource deployment status may be included.
Mexico Regional Maintenance Section	DEMA SEOC Arizona DEM Military Affairs	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
Mexico Regional Maintenance Section	Maricopa County EOC	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Mexico Regional Maintenance Section	Maricopa County EOC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Mexico Regional Maintenance Section	Maricopa County EOC	maint and constr resource response	Planned	Current status of maintenance and construction resources including availability and deployment status. General resource inventory information covering vehicles, equipment, materials, and people and specific resource deployment status may be included.
Mexico Regional Maintenance Section	Maricopa County EOC	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
Mexico Regional Maintenance Section	Mexico Customs and Border Patrol	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Mexico Regional Maintenance Section	Mexico Customs and Border Patrol	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Mexico Regional Maintenance Section	Mexico Customs and Border Patrol	maint and constr resource response	Planned	Current status of maintenance and construction resources including availability and deployment status. General resource inventory information covering vehicles, equipment, materials, and people and specific resource deployment status may be included.
Mexico Regional Maintenance Section	Mexico Customs and Border Patrol	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
Mexico Regional Maintenance Section	Mexico Public Safety	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Mexico Regional Maintenance Section	Mexico Public Safety	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Mexico Regional Maintenance Section	Mexico Public Safety	maint and constr resource response	Planned	Current status of maintenance and construction resources including availability and deployment status. General resource inventory information covering vehicles, equipment, materials, and people and specific resource deployment status may be included.
Mexico Regional Maintenance Section	Mexico Public Safety	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
Mexico Regional Maintenance Section	Mexico Regional TMC	maint and constr resource response	Planned	Current status of maintenance and construction resources including availability and deployment status. General resource inventory information covering vehicles, equipment, materials, and people and specific resource deployment status may be included.
Mexico Regional Maintenance Section	Mexico Regional TMC	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.

Information Flows – Tabular Format (sorted by Source Element)

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Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Mexico Regional Maintenance Section	US Border Patrol Dispatch	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Mexico Regional Maintenance Section	US Border Patrol Dispatch	maint and constr resource response	Planned	Current status of maintenance and construction resources including availability and deployment status. General resource inventory information covering vehicles, equipment, materials, and people and specific resource deployment status may be included.
Mexico Regional Maintenance Section	US Border Patrol Dispatch	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
Mexico Regional TMC	ADOT ECD Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Mexico Regional TMC	ADOT ECD Dispatch	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
Mexico Regional TMC	ADOT ECD Dispatch	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Mexico Regional TMC	ADOT ECD Dispatch	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
Mexico Regional TMC	ADOT ECD Dispatch	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
Mexico Regional TMC	ADOT ECD Dispatch	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Mexico Regional TMC	ADOT ECD Operational Communications	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Mexico Regional TMC	ADOT ECD Operational Communications	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Mexico Regional TMC	DEMA SEOC Arizona DEM Military Affairs	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Mexico Regional TMC	DEMA SEOC Arizona DEM Military Affairs	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
Mexico Regional TMC	DEMA SEOC Arizona DEM Military Affairs	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Mexico Regional TMC	DEMA SEOC Arizona DEM Military Affairs	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
Mexico Regional TMC	DEMA SEOC Arizona DEM Military Affairs	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
Mexico Regional TMC	DEMA SEOC Arizona DEM Military Affairs	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.

Information Flows – Tabular Format (sorted by Source Element)

RAD-IT Table

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Mexico Regional TMC	Maricopa County EOC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Mexico Regional TMC	Maricopa County EOC	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
Mexico Regional TMC	Maricopa County EOC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Mexico Regional TMC	Maricopa County EOC	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
Mexico Regional TMC	Maricopa County EOC	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
Mexico Regional TMC	Maricopa County EOC	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
Mexico Regional TMC	Mexico Customs and Border Patrol	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Mexico Regional TMC	Mexico Customs and Border Patrol	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Mexico Regional TMC	Mexico Customs and Border Patrol	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Mexico Regional TMC	Mexico Customs and Border Patrol	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
Mexico Regional TMC	Mexico Customs and Border Patrol	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
Mexico Regional TMC	Mexico Customs and Border Patrol	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
Mexico Regional TMC	Mexico Public Safety	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Mexico Regional TMC	Mexico Public Safety	emergency traffic control information	Existing	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
Mexico Regional TMC	Mexico Public Safety	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Mexico Regional TMC	Mexico Public Safety	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.

Information Flows – Tabular Format (sorted by Source Element)

RAD-IT Table

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Mexico Regional TMC	Mexico Public Safety	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
Mexico Regional TMC	Mexico Public Safety	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
Mexico Regional TMC	Mexico Regional Maintenance Section	maint and constr resource request	Planned	Request for road maintenance and construction resources that can be used in the diversion of traffic (cones, portable signs), clearance of a road hazard, repair of ancillary damage, or any other incident response. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of resources.
Mexico Regional TMC	Mexico Regional Maintenance Section	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
Mexico Regional TMC	Public Private Traveler Information	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
Mexico Regional TMC	Public Private Traveler Information	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
Mexico Regional TMC	Public Private Traveler Information	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
Mohave County V2I Enabled Rural Highway Traffic Control Signs	Basic Private Vehicle	reduced speed notification	Planned	Reduced speed zone information provided to passing vehicles. This flow provides the reduced speed limit, the location and extent of the reduced speed zone, and associated warning information.
Mohave County V2I Enabled Rural Highway Traffic Control Signs	Basic Private Vehicle	traffic gap information	Planned	Measured gap to the next approaching vehicle per lane and direction of travel
Mohave County V2I Enabled Rural Highway Traffic Control Signs	Basic Private Vehicle	vehicle signage data	Planned	In-vehicle signing data that augments regulatory, warning, and informational road signs and signals. The information provided would include static sign information (e.g., stop, curve warning, guide signs, service signs, and directional signs) and dynamic information (e.g., local traffic and road conditions, restrictions, vehicle requirements, work zones, detours, closures, advisories, and warnings).
MPO-COG Data User Systems	ADOT HPMS Data Archive	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
MPO-COG Data User Systems	Cities and Towns Data Archive	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
MPO-COG Data User Systems	County Data Archive	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
MPO-COG Data User Systems	MPO-COG Planning Traffic Database	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
MPO-COG Data User Systems	State Universities Data Archives	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
MPO-COG Planning Traffic Database	ADEQ Arizona Emissions Management	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
MPO-COG Planning Traffic Database	ADOT AZ Crash Information System (ACIS)	archive analysis results	Planned	Processed information products, supporting meta data, and any associated transaction information resulting from data mining, analytical processing, aggregation or summarization, report formulation, or other on-line processing and analysis of archived data.
MPO-COG Planning Traffic Database	ADOT AZ Crash Information System (ACIS)	archive request confirmation	Planned	Confirmation that an archive request has been received and processed with information on the disposition of the request.
MPO-COG Planning Traffic Database	ADOT AZ Crash Information System (ACIS)	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
MPO-COG Planning Traffic Database	ADOT HPMS Data Archive	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
MPO-COG Planning Traffic Database	ADOT HPMS Data Archive	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
MPO-COG Planning Traffic Database	ADOT HPMS Data Archive	other data source archive data	Planned	Data extracted from other data sources. A wide range of ITS and non-ITS data and associated meta data may be provided.
MPO-COG Planning Traffic Database	ADOT HPMS Data User System	archived data products	Existing	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
MPO-COG Planning Traffic Database	ADOT TOC Data User System	archive analysis results	Planned	Processed information products, supporting meta data, and any associated transaction information resulting from data mining, analytical processing, aggregation or summarization, report formulation, or other on-line processing and analysis of archived data.
MPO-COG Planning Traffic Database	ADOT TOC Data User System	archive request confirmation	Planned	Confirmation that an archive request has been received and processed with information on the disposition of the request.
MPO-COG Planning Traffic Database	ADOT TOC Data User System	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
MPO-COG Planning Traffic Database	ADOT TOC Traffic Information Center	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
MPO-COG Planning Traffic Database	Archive Data Users	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
MPO-COG Planning Traffic Database	Cities and Towns Data Archive	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
MPO-COG Planning Traffic Database	Cities and Towns Data Archive	other data source archive data	Existing	Data extracted from other data sources. A wide range of ITS and non-ITS data and associated meta data may be provided.
MPO-COG Planning Traffic Database	County Data User Systems	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
MPO-COG Planning Traffic Database	Local Dial-A-Ride Transit Dispatchers	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
MPO-COG Planning Traffic Database	MPO-COG Data User Systems	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
MPO-COG Planning Traffic Database	NAIPTA (dba Mountain Line) Paratransit	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
MPO-COG Planning Traffic Database	NAIPTA (dba Mountain Line) Transit Data Archive	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
MPO-COG Planning Traffic Database	NAIPTA (dba Mountain Line) Transit Data Archive	other data source archive data	Planned	Data extracted from other data sources. A wide range of ITS and non-ITS data and associated meta data may be provided.
MPO-COG Planning Traffic Database	NAIPTA (dba Mountain Line) Website and FLGRide	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
MPO-COG Planning Traffic Database	PAG Data User Systems	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
MPO-COG Planning Traffic Database	Public Private Traveler Information	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
MPO-COG Planning Traffic Database	State Universities Data Archives	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
MPO-COG Planning Traffic Database	State Universities Data Archives	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
MPO-COG Planning Traffic Database	State Universities Data Archives	other data source archive data	Planned	Data extracted from other data sources. A wide range of ITS and non-ITS data and associated meta data may be provided.
MPO-COG Planning Traffic Database	Transit Providers Dispatch (Public and Private)	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
MPO-COG Planning Traffic Database	Transit Providers Dispatch (Public and Private)	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
MPO-COG Planning Traffic Database	Tribal Data User Systems	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
MPO-COG Planning Traffic Database	YCAT Website	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
MPO-COG Planning Traffic Database	Yuma County Area Transit (YCAT)	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
MPO-COG Planning Traffic Database	Yuma County Area Transit (YCAT)	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
NAIPTA (dba Mountain Line) Bus Arrival System	Cities and Towns Transit Dispatch	transit traveler request	Planned	Request by a Transit traveler to summon assistance, request transit information, or request any other transit services.
NAIPTA (dba Mountain Line) Bus Arrival System	NAIPTA (dba Mountain Line) Transit Management Center	transit information user request	Planned	Request for special transit routing, real-time schedule information, and availability information.
NAIPTA (dba Mountain Line) Bus Arrival System	NAIPTA (dba Mountain Line) Transit Management Center	transit traveler request	Planned	Request by a Transit traveler to summon assistance, request transit information, or request any other transit services.
NAIPTA (dba Mountain Line) Bus Arrival System	Transit Providers Dispatch (Public and Private)	authorization request	Planned	Request to determine if a transportation user is authorized to use a particular transportation resource.
NAIPTA (dba Mountain Line) Bus Arrival System	Transit Providers Dispatch (Public and Private)	fare collection data	Planned	Fare collection information including the summary of fare system data and financial payment transaction data.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
NAIPTA (dba Mountain Line) Bus Arrival System	Travelers	traveler interface updates	Planned	Visual or audio information (e.g., routes, messages, guidance, emergency information) that is provided to the traveler.
NAIPTA (dba Mountain Line) ITS Field Equipment	NAIPTA (dba Mountain Line) Transit Data Archive	roadside archive data	Planned	A broad set of data derived from roadside sensors that includes current traffic conditions, environmental conditions, and any other data that can be directly collected by roadside sensors. This data also indicates the status of the sensors and reports of any identified sensor faults.
NAIPTA (dba Mountain Line) Paratransit	Cities and Towns EOC-EMC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
NAIPTA (dba Mountain Line) Paratransit	Cities and Towns EOC-EMC	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
NAIPTA (dba Mountain Line) Paratransit	Cities and Towns EOC-EMC	emergency transit service response	Existing	Response indicating changes to transit service, fares, and/or restrictions that will be made and status of transit resources to be deployed to support emergency response and/or evacuation.
NAIPTA (dba Mountain Line) Paratransit	Cities and Towns EOC-EMC	transit system status assessment	Planned	Assessment of damage sustained by the public transportation system including location and extent of the damage, current operational status including an estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
NAIPTA (dba Mountain Line) Paratransit	Cities and Towns Police and Fire Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
NAIPTA (dba Mountain Line) Paratransit	Cities and Towns Police and Fire Dispatch	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
NAIPTA (dba Mountain Line) Paratransit	Cities and Towns Police and Fire Dispatch	emergency transit service response	Existing	Response indicating changes to transit service, fares, and/or restrictions that will be made and status of transit resources to be deployed to support emergency response and/or evacuation.
NAIPTA (dba Mountain Line) Paratransit	Cities and Towns Police and Fire Dispatch	transit system status assessment	Planned	Assessment of damage sustained by the public transportation system including location and extent of the damage, current operational status including an estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
NAIPTA (dba Mountain Line) Paratransit	Cities and Towns TIC and Website	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
NAIPTA (dba Mountain Line) Paratransit	Cities and Towns TIC and Website	transit and fare schedules	Planned	Transit service information including routes, schedules, and fare information. This also includes on-demand service information.
NAIPTA (dba Mountain Line) Paratransit	Cities and Towns Transit Dispatch	transit fare coordination	Planned	Fare and pricing information shared between local/regional transit organizations.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
NAIPTA (dba Mountain Line) Paratransit	Cities and Towns Transit Dispatch	transit service coordination	Existing	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
NAIPTA (dba Mountain Line) Paratransit	County Transit Kiosks	transit traveler information	Planned	Transit information prepared to support transit users and other travelers. It contains transit schedules, real-time arrival information, fare schedules, alerts and advisories, and general transit service information.
NAIPTA (dba Mountain Line) Paratransit	County Website and NIXLE	emergency transit schedule information	Planned	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
NAIPTA (dba Mountain Line) Paratransit	County Website and NIXLE	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
NAIPTA (dba Mountain Line) Paratransit	DEMA SEOC Arizona DEM Military Affairs	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
NAIPTA (dba Mountain Line) Paratransit	DEMA SEOC Arizona DEM Military Affairs	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
NAIPTA (dba Mountain Line) Paratransit	DEMA SEOC Arizona DEM Military Affairs	emergency transit service response	Existing	Response indicating changes to transit service, fares, and/or restrictions that will be made and status of transit resources to be deployed to support emergency response and/or evacuation.
NAIPTA (dba Mountain Line) Paratransit	DEMA SEOC Arizona DEM Military Affairs	transit system status assessment	Planned	Assessment of damage sustained by the public transportation system including location and extent of the damage, current operational status including an estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
NAIPTA (dba Mountain Line) Paratransit	Financial Institution	payment request	Planned	Request for payment from financial institution or related financial service requests (e.g., balance inquiry)
NAIPTA (dba Mountain Line) Paratransit	Local Dial-A-Ride Transit Dispatchers	transit fare coordination	Planned	Fare and pricing information shared between local/regional transit organizations.
NAIPTA (dba Mountain Line) Paratransit	Local Dial-A-Ride Transit Dispatchers	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
NAIPTA (dba Mountain Line) Paratransit	MPO-COG Planning Traffic Database	transit archive data	Planned	Data used to describe and monitor transit demand, fares, operations, and system performance. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
NAIPTA (dba Mountain Line) Paratransit	NAIPTA (dba Mountain Line) Paratransit Vehicles	alarm acknowledge	Planned	Confirmation that alarm was received, instructions and additional information for the alarm initiator, and requests for additional information.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
NAIPTA (dba Mountain Line) Paratransit	NAIPTA (dba Mountain Line) Paratransit Vehicles	remote vehicle disable	Planned	Signal used to remotely disable a transit vehicle.
NAIPTA (dba Mountain Line) Paratransit	NAIPTA (dba Mountain Line) Paratransit Vehicles	transit schedule information	Existing	Current and projected transit schedule information used to initialize the transit vehicle with a vehicle assignment, monitor schedule performance, and develop corrective actions on-board.
NAIPTA (dba Mountain Line) Paratransit	NAIPTA (dba Mountain Line) Paratransit Vehicles	transit stop request	Planned	Notification that a transit stop has been requested by a transit user at a roadside stop. This flow identifies the route, stop, and the time of the request.
NAIPTA (dba Mountain Line) Paratransit	NAIPTA (dba Mountain Line) Paratransit Vehicles	transit vehicle operator authentication update	Planned	Results of authentication process or update of on-board authentication database.
NAIPTA (dba Mountain Line) Paratransit	NAIPTA (dba Mountain Line) Paratransit Vehicles	transit vehicle operator information	Planned	Transit service instructions, wide area alerts, traffic information, road conditions, and other information for both transit and paratransit operators.
NAIPTA (dba Mountain Line) Paratransit	NAIPTA (dba Mountain Line) Transit Buses	alarm acknowledge	Planned	Confirmation that alarm was received, instructions and additional information for the alarm initiator, and requests for additional information.
NAIPTA (dba Mountain Line) Paratransit	NAIPTA (dba Mountain Line) Transit Buses	remote vehicle disable	Planned	Signal used to remotely disable a transit vehicle.
NAIPTA (dba Mountain Line) Paratransit	NAIPTA (dba Mountain Line) Transit Buses	transit schedule information	Planned	Current and projected transit schedule information used to initialize the transit vehicle with a vehicle assignment, monitor schedule performance, and develop corrective actions on-board.
NAIPTA (dba Mountain Line) Paratransit	NAIPTA (dba Mountain Line) Transit Buses	transit stop request	Planned	Notification that a transit stop has been requested by a transit user at a roadside stop. This flow identifies the route, stop, and the time of the request.
NAIPTA (dba Mountain Line) Paratransit	NAIPTA (dba Mountain Line) Transit Buses	transit vehicle operator authentication update	Planned	Results of authentication process or update of on-board authentication database.
NAIPTA (dba Mountain Line) Paratransit	NAIPTA (dba Mountain Line) Transit Buses	transit vehicle operator information	Planned	Transit service instructions, wide area alerts, traffic information, road conditions, and other information for both transit and paratransit operators.
NAIPTA (dba Mountain Line) Paratransit	NAIPTA (dba Mountain Line) Transit Data Archive	transit archive data	Planned	Data used to describe and monitor transit demand, fares, operations, and system performance. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
NAIPTA (dba Mountain Line) Paratransit	NAIPTA (dba Mountain Line) Transit Management Center	transit fare coordination	Planned	Fare and pricing information shared between local/regional transit organizations.
NAIPTA (dba Mountain Line) Paratransit	NAIPTA (dba Mountain Line) Transit Management Center	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
NAIPTA (dba Mountain Line) Paratransit	NAIPTA (dba Mountain Line) Transit Management Center	transit traveler information coordination	Planned	Transit schedules, real-time arrival information, fare schedules, and general transit service information shared between transit organizations to support transit traveler information systems.
NAIPTA (dba Mountain Line) Paratransit	NAIPTA (dba Mountain Line) Website and FLGRide	demand responsive transit plan	Planned	Plan regarding overall demand responsive transit schedules and deployment.

Information Flows – Tabular Format (sorted by Source Element)

RAD-IT Table

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
NAIPTA (dba Mountain Line) Paratransit	NAIPTA (dba Mountain Line) Website and FLGRide	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
NAIPTA (dba Mountain Line) Paratransit	NAIPTA (dba Mountain Line) Website and FLGRide	transit and fare schedules	Planned	Transit service information including routes, schedules, and fare information. This also includes on-demand service information.
NAIPTA (dba Mountain Line) Paratransit	NAIPTA (dba Mountain Line) Website and FLGRide	transit fare information	Planned	Information provided by transit management that supports fare payment transactions.
NAIPTA (dba Mountain Line) Paratransit	NAIPTA (dba Mountain Line) Website and FLGRide	transit incident information	Planned	Information on transit incidents that impact transit services for public dissemination.
NAIPTA (dba Mountain Line) Paratransit	NAIPTA (dba Mountain Line) Website and FLGRide	transit probe data	Planned	Aggregate probe data derived from tracking transit vehicles. Data collected could include transit vehicle speeds and travel times for a given link or collection of links.
NAIPTA (dba Mountain Line) Paratransit	NAIPTA (dba Mountain Line) Website and FLGRide	transit schedule adherence information	Planned	Dynamic transit schedule adherence and transit vehicle location information.
NAIPTA (dba Mountain Line) Paratransit	NAIPTA (dba Mountain Line) Website and FLGRide	transit trip plan	Planned	An origin-destination transit trip that may involve multiple modes and connections.
NAIPTA (dba Mountain Line) Paratransit	Payment Administration Center	account updates	Planned	Updates to an account, such as purchases, uses, cancellation, secureID changes or similar material changes to account information.
NAIPTA (dba Mountain Line) Paratransit	Payment Administration Center	smart card reconciliation	Planned	Detailed list of charges of the form charge/transport provider, taken from a smart card that need to be applied to the listed providers.
NAIPTA (dba Mountain Line) Paratransit	Personal Information Devices for Travelers	personal transit information	Planned	General and personalized transit information for a particular fixed route, flexible route, or paratransit system.
NAIPTA (dba Mountain Line) Paratransit	Private Transit Routing Service Provider	authorization response	Planned	Notification of status of authorization request.
NAIPTA (dba Mountain Line) Paratransit	Private Transit Routing Service Provider	fare management information	Planned	Transit fare information and transaction data used to manage transit fare processing.
NAIPTA (dba Mountain Line) Paratransit	Private Transit Routing Service Provider	personal transit information	Planned	General and personalized transit information for a particular fixed route, flexible route, or paratransit system.
NAIPTA (dba Mountain Line) Paratransit	Private Transit Routing Service Provider	transit traveler information	Planned	Transit information prepared to support transit users and other travelers. It contains transit schedules, real-time arrival information, fare schedules, alerts and advisories, and general transit service information.
NAIPTA (dba Mountain Line) Paratransit	Private Transit Routing Service Provider	traveler payment request	Planned	Request for information supporting payments. For fee structures that include incentives, the request may support either an account debit or an account credit or reimbursement.
NAIPTA (dba Mountain Line) Paratransit	Public Private Traveler Information	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
NAIPTA (dba Mountain Line) Paratransit	Public Private Traveler Information	transit and fare schedules	Planned	Transit service information including routes, schedules, and fare information. This also includes on-demand service information.
NAIPTA (dba Mountain Line) Paratransit	Public Private Traveler Information	transit fare information	Planned	Information provided by transit management that supports fare payment transactions.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
NAIPTA (dba Mountain Line) Paratransit	Public Private Traveler Information	transit probe data	Planned	Aggregate probe data derived from tracking transit vehicles. Data collected could include transit vehicle speeds and travel times for a given link or collection of links.
NAIPTA (dba Mountain Line) Paratransit	Public Private Traveler Information	transit schedule adherence information	Planned	Dynamic transit schedule adherence and transit vehicle location information.
NAIPTA (dba Mountain Line) Paratransit	Transit Providers Dispatch (Public and Private)	transit fare coordination	Planned	Fare and pricing information shared between local/regional transit organizations.
NAIPTA (dba Mountain Line) Paratransit	Transit Providers Dispatch (Public and Private)	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
NAIPTA (dba Mountain Line) Paratransit	Transit Providers Dispatch (Public and Private)	transit traveler information coordination	Planned	Transit schedules, real-time arrival information, fare schedules, and general transit service information shared between transit organizations to support transit traveler information systems.
NAIPTA (dba Mountain Line) Paratransit	Tribal Transit Centers	transit fare coordination	Planned	Fare and pricing information shared between local/regional transit organizations.
NAIPTA (dba Mountain Line) Paratransit	Tribal Transit Centers	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
NAIPTA (dba Mountain Line) Paratransit	Wide Area Alerting Systems	emergency transit schedule information	Planned	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
NAIPTA (dba Mountain Line) Paratransit Vehicles	NAIPTA (dba Mountain Line) ITS Field Equipment	local signal priority request	Planned	Request from a vehicle to a signalized intersection for priority at that intersection. This flow also allows the vehicle to cancel a priority request (for example, when the vehicle clears the intersection).
NAIPTA (dba Mountain Line) Paratransit Vehicles	NAIPTA (dba Mountain Line) Paratransit	alarm notification	Planned	Notification of activation of an audible or silent alarm by a traveler in a public area or by a transit vehicle operator using an on-board device.
NAIPTA (dba Mountain Line) Paratransit Vehicles	NAIPTA (dba Mountain Line) Paratransit	demand response passenger and use data	Planned	Data collected on board a demand response vehicle relating to the picking up and discharging of passengers.
NAIPTA (dba Mountain Line) Paratransit Vehicles	NAIPTA (dba Mountain Line) Paratransit	transit vehicle conditions	Existing	Operating conditions of transit vehicle (e.g., engine running, oil pressure, fuel level and usage). It includes status of other on-board systems including user displays, passenger counters, and security systems. This overall status information is also collected from unused (out of service) vehicles.
NAIPTA (dba Mountain Line) Paratransit Vehicles	NAIPTA (dba Mountain Line) Paratransit	transit vehicle loading data	Planned	Data collected on board the transit vehicle relating to passenger boarding and alighting.
NAIPTA (dba Mountain Line) Paratransit Vehicles	NAIPTA (dba Mountain Line) Paratransit	transit vehicle location data	Planned	Current transit vehicle location and related operational conditions data provided by a transit vehicle.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
NAIPTA (dba Mountain Line) Paratransit Vehicles	NAIPTA (dba Mountain Line) Paratransit	transit vehicle operator authentication information	Planned	Information regarding on-board transit operator authentication
NAIPTA (dba Mountain Line) Paratransit Vehicles	NAIPTA (dba Mountain Line) Paratransit	transit vehicle schedule performance	Planned	Estimated times of arrival and anticipated schedule deviations reported by a transit vehicle.
NAIPTA (dba Mountain Line) Paratransit Vehicles	NAIPTA (dba Mountain Line) Transit Management Center	alarm notification	Planned	Notification of activation of an audible or silent alarm by a traveler in a public area or by a transit vehicle operator using an on-board device.
NAIPTA (dba Mountain Line) Paratransit Vehicles	NAIPTA (dba Mountain Line) Transit Management Center	demand response passenger and use data	Planned	Data collected on board a demand response vehicle relating to the picking up and discharging of passengers.
NAIPTA (dba Mountain Line) Paratransit Vehicles	NAIPTA (dba Mountain Line) Transit Management Center	transit vehicle conditions	Planned	Operating conditions of transit vehicle (e.g., engine running, oil pressure, fuel level and usage). It includes status of other on-board systems including user displays, passenger counters, and security systems. This overall status information is also collected from unused (out of service) vehicles.
NAIPTA (dba Mountain Line) Paratransit Vehicles	NAIPTA (dba Mountain Line) Transit Management Center	transit vehicle loading data	Planned	Data collected on board the transit vehicle relating to passenger boarding and alighting.
NAIPTA (dba Mountain Line) Paratransit Vehicles	NAIPTA (dba Mountain Line) Transit Management Center	transit vehicle location data	Planned	Current transit vehicle location and related operational conditions data provided by a transit vehicle.
NAIPTA (dba Mountain Line) Paratransit Vehicles	NAIPTA (dba Mountain Line) Transit Management Center	transit vehicle operator authentication information	Planned	Information regarding on-board transit operator authentication
NAIPTA (dba Mountain Line) Paratransit Vehicles	NAIPTA (dba Mountain Line) Transit Management Center	transit vehicle schedule performance	Planned	Estimated times of arrival and anticipated schedule deviations reported by a transit vehicle.
NAIPTA (dba Mountain Line) Paratransit Vehicles	Payment Administration Center	authorization request	Planned	Request to determine if a transportation user is authorized to use a particular transportation resource.
NAIPTA (dba Mountain Line) Paratransit Vehicles	Traveler Card-Smartcard	payment device update	Planned	Information updated concerning traveler's personal data including name, address, user account information, trip records, and profile data.
NAIPTA (dba Mountain Line) Paratransit Vehicles	Traveler Card-Smartcard	request for payment	Planned	Request to deduct cost of service from user's payment account.
NAIPTA (dba Mountain Line) Paratransit Vehicles	Travelers	traveler interface updates	Planned	Visual or audio information (e.g., routes, messages, guidance, emergency information) that is provided to the traveler.
NAIPTA (dba Mountain Line) Transit Buses	NAIPTA (dba Mountain Line) ITS Field Equipment	local signal priority request	Planned	Request from a vehicle to a signalized intersection for priority at that intersection. This flow also allows the vehicle to cancel a priority request (for example, when the vehicle clears the intersection).
NAIPTA (dba Mountain Line) Transit Buses	NAIPTA (dba Mountain Line) Paratransit	alarm notification	Planned	Notification of activation of an audible or silent alarm by a traveler in a public area or by a transit vehicle operator using an on-board device.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
NAIPTA (dba Mountain Line) Transit Buses	NAIPTA (dba Mountain Line) Paratransit	demand response passenger and use data	Planned	Data collected on board a demand response vehicle relating to the picking up and discharging of passengers.
NAIPTA (dba Mountain Line) Transit Buses	NAIPTA (dba Mountain Line) Paratransit	transit vehicle conditions	Planned	Operating conditions of transit vehicle (e.g., engine running, oil pressure, fuel level and usage). It includes status of other on-board systems including user displays, passenger counters, and security systems. This overall status information is also collected from unused (out of service) vehicles.
NAIPTA (dba Mountain Line) Transit Buses	NAIPTA (dba Mountain Line) Paratransit	transit vehicle loading data	Planned	Data collected on board the transit vehicle relating to passenger boarding and alighting.
NAIPTA (dba Mountain Line) Transit Buses	NAIPTA (dba Mountain Line) Paratransit	transit vehicle location data	Planned	Current transit vehicle location and related operational conditions data provided by a transit vehicle.
NAIPTA (dba Mountain Line) Transit Buses	NAIPTA (dba Mountain Line) Paratransit	transit vehicle operator authentication information	Planned	Information regarding on-board transit operator authentication
NAIPTA (dba Mountain Line) Transit Buses	NAIPTA (dba Mountain Line) Paratransit	transit vehicle schedule performance	Planned	Estimated times of arrival and anticipated schedule deviations reported by a transit vehicle.
NAIPTA (dba Mountain Line) Transit Buses	NAIPTA (dba Mountain Line) Transit Management Center	alarm notification	Planned	Notification of activation of an audible or silent alarm by a traveler in a public area or by a transit vehicle operator using an on-board device.
NAIPTA (dba Mountain Line) Transit Buses	NAIPTA (dba Mountain Line) Transit Management Center	demand response passenger and use data	Planned	Data collected on board a demand response vehicle relating to the picking up and discharging of passengers.
NAIPTA (dba Mountain Line) Transit Buses	NAIPTA (dba Mountain Line) Transit Management Center	fare collection data	Planned	Fare collection information including the summary of fare system data and financial payment transaction data.
NAIPTA (dba Mountain Line) Transit Buses	NAIPTA (dba Mountain Line) Transit Management Center	transit traveler request	Planned	Request by a Transit traveler to summon assistance, request transit information, or request any other transit services.
NAIPTA (dba Mountain Line) Transit Buses	NAIPTA (dba Mountain Line) Transit Management Center	transit vehicle conditions	Planned	Operating conditions of transit vehicle (e.g., engine running, oil pressure, fuel level and usage). It includes status of other on-board systems including user displays, passenger counters, and security systems. This overall status information is also collected from unused (out of service) vehicles.
NAIPTA (dba Mountain Line) Transit Buses	NAIPTA (dba Mountain Line) Transit Management Center	transit vehicle loading data	Planned	Data collected on board the transit vehicle relating to passenger boarding and alighting.
NAIPTA (dba Mountain Line) Transit Buses	NAIPTA (dba Mountain Line) Transit Management Center	transit vehicle location data	Planned	Current transit vehicle location and related operational conditions data provided by a transit vehicle.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
NAIPTA (dba Mountain Line) Transit Buses	NAIPTA (dba Mountain Line) Transit Management Center	transit vehicle operator authentication information	Planned	Information regarding on-board transit operator authentication
NAIPTA (dba Mountain Line) Transit Buses	NAIPTA (dba Mountain Line) Transit Management Center	transit vehicle schedule performance	Planned	Estimated times of arrival and anticipated schedule deviations reported by a transit vehicle.
NAIPTA (dba Mountain Line) Transit Buses	Payment Administration Center	authorization request	Planned	Request to determine if a transportation user is authorized to use a particular transportation resource.
NAIPTA (dba Mountain Line) Transit Buses	Traveler Card-Smartcard	payment device update	Planned	Information updated concerning traveler's personal data including name, address, user account information, trip records, and profile data.
NAIPTA (dba Mountain Line) Transit Buses	Traveler Card-Smartcard	request for payment	Planned	Request to deduct cost of service from user's payment account.
NAIPTA (dba Mountain Line) Transit Buses	Travelers	traveler interface updates	Planned	Visual or audio information (e.g., routes, messages, guidance, emergency information) that is provided to the traveler.
NAIPTA (dba Mountain Line) Transit Data Archive	Archive Data Users	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
NAIPTA (dba Mountain Line) Transit Data Archive	Cities and Towns Transit Dispatch	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
NAIPTA (dba Mountain Line) Transit Data Archive	County Website and NIXLE	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
NAIPTA (dba Mountain Line) Transit Data Archive	MPO-COG Planning Traffic Database	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
NAIPTA (dba Mountain Line) Transit Data Archive	MPO-COG Planning Traffic Database	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
NAIPTA (dba Mountain Line) Transit Data Archive	NAIPTA (dba Mountain Line) ITS Field Equipment	data collection and monitoring control	Planned	Information used to configure and control data collection and monitoring systems.
NAIPTA (dba Mountain Line) Transit Data Archive	NAIPTA (dba Mountain Line) Paratransit	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
NAIPTA (dba Mountain Line) Transit Data Archive	NAIPTA (dba Mountain Line) Transit Management Center	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
NAIPTA (dba Mountain Line) Transit Data Archive	NAIPTA (dba Mountain Line) Transit Management Center	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
NAIPTA (dba Mountain Line) Transit Data Archive	NAIPTA (dba Mountain Line) Website and FLGRide	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
NAIPTA (dba Mountain Line) Transit Data Archive	Public Private Traveler Information	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
NAIPTA (dba Mountain Line) Transit Management Center	Cities and Towns EOC-EMC	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
NAIPTA (dba Mountain Line) Transit Management Center	Cities and Towns EOC-EMC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
NAIPTA (dba Mountain Line) Transit Management Center	Cities and Towns EOC-EMC	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
NAIPTA (dba Mountain Line) Transit Management Center	Cities and Towns EOC-EMC	emergency transit service response	Existing	Response indicating changes to transit service, fares, and/or restrictions that will be made and status of transit resources to be deployed to support emergency response and/or evacuation.
NAIPTA (dba Mountain Line) Transit Management Center	Cities and Towns EOC-EMC	transit system status assessment	Planned	Assessment of damage sustained by the public transportation system including location and extent of the damage, current operational status including an estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
NAIPTA (dba Mountain Line) Transit Management Center	Cities and Towns Police and Fire Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
NAIPTA (dba Mountain Line) Transit Management Center	Cities and Towns Police and Fire Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
NAIPTA (dba Mountain Line) Transit Management Center	Cities and Towns Police and Fire Dispatch	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
NAIPTA (dba Mountain Line) Transit Management Center	Cities and Towns Police and Fire Dispatch	emergency transit service response	Existing	Response indicating changes to transit service, fares, and/or restrictions that will be made and status of transit resources to be deployed to support emergency response and/or evacuation.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
NAIPTA (dba Mountain Line) Transit Management Center	Cities and Towns Police and Fire Dispatch	transit system status assessment	Planned	Assessment of damage sustained by the public transportation system including location and extent of the damage, current operational status including an estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
NAIPTA (dba Mountain Line) Transit Management Center	Cities and Towns Transit Dispatch	transit fare coordination	Planned	Fare and pricing information shared between local/regional transit organizations.
NAIPTA (dba Mountain Line) Transit Management Center	Cities and Towns Transit Dispatch	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
NAIPTA (dba Mountain Line) Transit Management Center	Cities and Towns Transit Dispatch	transit traveler information coordination	Planned	Transit schedules, real-time arrival information, fare schedules, and general transit service information shared between transit organizations to support transit traveler information systems.
NAIPTA (dba Mountain Line) Transit Management Center	Financial Institution	payment request	Planned	Request for payment from financial institution or related financial service requests (e.g., balance inquiry)
NAIPTA (dba Mountain Line) Transit Management Center	Local Dial-A-Ride Transit Dispatchers	transit fare coordination	Planned	Fare and pricing information shared between local/regional transit organizations.
NAIPTA (dba Mountain Line) Transit Management Center	Local Dial-A-Ride Transit Dispatchers	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
NAIPTA (dba Mountain Line) Transit Management Center	Local Dial-A-Ride Transit Dispatchers	transit traveler information coordination	Planned	Transit schedules, real-time arrival information, fare schedules, and general transit service information shared between transit organizations to support transit traveler information systems.
NAIPTA (dba Mountain Line) Transit Management Center	NAIPTA (dba Mountain Line) Bus Arrival System	transit traveler information	Planned	Transit information prepared to support transit users and other travelers. It contains transit schedules, real-time arrival information, fare schedules, alerts and advisories, and general transit service information.
NAIPTA (dba Mountain Line) Transit Management Center	NAIPTA (dba Mountain Line) Paratransit	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
NAIPTA (dba Mountain Line) Transit Management Center	NAIPTA (dba Mountain Line) Paratransit Vehicles	alarm acknowledge	Planned	Confirmation that alarm was received, instructions and additional information for the alarm initiator, and requests for additional information.
NAIPTA (dba Mountain Line) Transit Management Center	NAIPTA (dba Mountain Line) Paratransit Vehicles	remote vehicle disable	Planned	Signal used to remotely disable a transit vehicle.
NAIPTA (dba Mountain Line) Transit Management Center	NAIPTA (dba Mountain Line) Paratransit Vehicles	transit schedule information	Planned	Current and projected transit schedule information used to initialize the transit vehicle with a vehicle assignment, monitor schedule performance, and develop corrective actions on-board.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
NAIPTA (dba Mountain Line) Transit Management Center	NAIPTA (dba Mountain Line) Paratransit Vehicles	transit stop request	Planned	Notification that a transit stop has been requested by a transit user at a roadside stop. This flow identifies the route, stop, and the time of the request.
NAIPTA (dba Mountain Line) Transit Management Center	NAIPTA (dba Mountain Line) Paratransit Vehicles	transit vehicle operator authentication update	Planned	Results of authentication process or update of on-board authentication database.
NAIPTA (dba Mountain Line) Transit Management Center	NAIPTA (dba Mountain Line) Paratransit Vehicles	transit vehicle operator information	Planned	Transit service instructions, wide area alerts, traffic information, road conditions, and other information for both transit and paratransit operators.
NAIPTA (dba Mountain Line) Transit Management Center	NAIPTA (dba Mountain Line) Transit Buses	alarm acknowledge	Planned	Confirmation that alarm was received, instructions and additional information for the alarm initiator, and requests for additional information.
NAIPTA (dba Mountain Line) Transit Management Center	NAIPTA (dba Mountain Line) Transit Buses	fare management information	Planned	Transit fare information and transaction data used to manage transit fare processing.
NAIPTA (dba Mountain Line) Transit Management Center	NAIPTA (dba Mountain Line) Transit Buses	remote vehicle disable	Planned	Signal used to remotely disable a transit vehicle.
NAIPTA (dba Mountain Line) Transit Management Center	NAIPTA (dba Mountain Line) Transit Buses	transit schedule information	Planned	Current and projected transit schedule information used to initialize the transit vehicle with a vehicle assignment, monitor schedule performance, and develop corrective actions on-board.
NAIPTA (dba Mountain Line) Transit Management Center	NAIPTA (dba Mountain Line) Transit Buses	transit traveler information	Planned	Transit information prepared to support transit users and other travelers. It contains transit schedules, real-time arrival information, fare schedules, alerts and advisories, and general transit service information.
NAIPTA (dba Mountain Line) Transit Management Center	NAIPTA (dba Mountain Line) Transit Buses	transit vehicle operator authentication update	Planned	Results of authentication process or update of on-board authentication database.
NAIPTA (dba Mountain Line) Transit Management Center	NAIPTA (dba Mountain Line) Transit Buses	transit vehicle operator information	Planned	Transit service instructions, wide area alerts, traffic information, road conditions, and other information for both transit and paratransit operators.
NAIPTA (dba Mountain Line) Transit Management Center	NAIPTA (dba Mountain Line) Transit Data Archive	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
NAIPTA (dba Mountain Line) Transit Management Center	NAIPTA (dba Mountain Line) Transit Data Archive	transit archive data	Planned	Data used to describe and monitor transit demand, fares, operations, and system performance. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
NAIPTA (dba Mountain Line) Transit Management Center	NAIPTA (dba Mountain Line) Website and FLGRide	demand responsive transit plan	Planned	Plan regarding overall demand responsive transit schedules and deployment.
NAIPTA (dba Mountain Line) Transit Management Center	NAIPTA (dba Mountain Line) Website and FLGRide	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
NAIPTA (dba Mountain Line) Transit Management Center	NAIPTA (dba Mountain Line) Website and FLGRide	transit and fare schedules	Planned	Transit service information including routes, schedules, and fare information. This also includes on-demand service information.
NAIPTA (dba Mountain Line) Transit Management Center	NAIPTA (dba Mountain Line) Website and FLGRide	transit fare information	Planned	Information provided by transit management that supports fare payment transactions.
NAIPTA (dba Mountain Line) Transit Management Center	NAIPTA (dba Mountain Line) Website and FLGRide	transit incident information	Planned	Information on transit incidents that impact transit services for public dissemination.
NAIPTA (dba Mountain Line) Transit Management Center	NAIPTA (dba Mountain Line) Website and FLGRide	transit probe data	Planned	Aggregate probe data derived from tracking transit vehicles. Data collected could include transit vehicle speeds and travel times for a given link or collection of links.
NAIPTA (dba Mountain Line) Transit Management Center	NAIPTA (dba Mountain Line) Website and FLGRide	transit schedule adherence information	Planned	Dynamic transit schedule adherence and transit vehicle location information.
NAIPTA (dba Mountain Line) Transit Management Center	Payment Administration Center	account updates	Planned	Updates to an account, such as purchases, uses, cancellation, secureID changes or similar material changes to account information.
NAIPTA (dba Mountain Line) Transit Management Center	Payment Administration Center	smart card reconciliation	Planned	Detailed list of charges of the form charge/transport provider, taken from a smart card that need to be applied to the listed providers.
NAIPTA (dba Mountain Line) Transit Management Center	Personal Information Devices for Travelers	personal transit information	Planned	General and personalized transit information for a particular fixed route, flexible route, or paratransit system.
NAIPTA (dba Mountain Line) Transit Management Center	Personal Information Devices for Travelers	traveler payment request	Planned	Request for information supporting payments. For fee structures that include incentives, the request may support either an account debit or an account credit or reimbursement.
NAIPTA (dba Mountain Line) Transit Management Center	Personal Information Devices for Travelers	trip plan	Planned	A travel itinerary covering single or multimodal travel. The itinerary identifies a route and associated traveler information and instructions identifying recommended trip modes (including indoor and outdoor wayfinding) and transfer information, ride sharing options, and transit and parking reservation information. This flow also includes intermediate information that is provided as the trip plan is interactively created, including identification of alternatives, requests for additional information as well as amenities along the trip.
NAIPTA (dba Mountain Line) Transit Management Center	Private Transit Routing Service Provider	authorization response	Planned	Notification of status of authorization request.
NAIPTA (dba Mountain Line) Transit Management Center	Private Transit Routing Service Provider	fare management information	Planned	Transit fare information and transaction data used to manage transit fare processing.
NAIPTA (dba Mountain Line) Transit Management Center	Private Transit Routing Service Provider	transit traveler information	Planned	Transit information prepared to support transit users and other travelers. It contains transit schedules, real-time arrival information, fare schedules, alerts and advisories, and general transit service information.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
NAIPTA (dba Mountain Line) Transit Management Center	Private Transit Routing Service Provider	traveler payment request	Planned	Request for information supporting payments. For fee structures that include incentives, the request may support either an account debit or an account credit or reimbursement.
NAIPTA (dba Mountain Line) Transit Management Center	Private Transit Routing Service Provider	trip plan	Planned	A travel itinerary covering single or multimodal travel. The itinerary identifies a route and associated traveler information and instructions identifying recommended trip modes (including indoor and outdoor wayfinding) and transfer information, ride sharing options, and transit and parking reservation information. This flow also includes intermediate information that is provided as the trip plan is interactively created, including identification of alternatives, requests for additional information as well as amenities along the trip.
NAIPTA (dba Mountain Line) Transit Management Center	Public Private Traveler Information	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
NAIPTA (dba Mountain Line) Transit Management Center	Public Private Traveler Information	transit and fare schedules	Planned	Transit service information including routes, schedules, and fare information. This also includes on-demand service information.
NAIPTA (dba Mountain Line) Transit Management Center	Public Private Traveler Information	transit fare information	Planned	Information provided by transit management that supports fare payment transactions.
NAIPTA (dba Mountain Line) Transit Management Center	Public Private Traveler Information	transit schedule adherence information	Planned	Dynamic transit schedule adherence and transit vehicle location information.
NAIPTA (dba Mountain Line) Transit Management Center	Transit Providers Dispatch (Public and Private)	transit fare coordination	Planned	Fare and pricing information shared between local/regional transit organizations.
NAIPTA (dba Mountain Line) Transit Management Center	Transit Providers Dispatch (Public and Private)	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
NAIPTA (dba Mountain Line) Transit Management Center	Transit Providers Dispatch (Public and Private)	transit traveler information coordination	Planned	Transit schedules, real-time arrival information, fare schedules, and general transit service information shared between transit organizations to support transit traveler information systems.
NAIPTA (dba Mountain Line) Transit Management Center	Tribal Transit Centers	transit fare coordination	Planned	Fare and pricing information shared between local/regional transit organizations.
NAIPTA (dba Mountain Line) Transit Management Center	Tribal Transit Centers	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
NAIPTA (dba Mountain Line) Transit Management Center	Wide Area Alerting Systems	emergency transit schedule information	Planned	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
NAIPTA (dba Mountain Line) Website and FLGRide	Cities and Towns Transit Dispatch	demand responsive transit request	Existing	Request for paratransit support.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
NAIPTA (dba Mountain Line) Website and FLGRide	Cities and Towns Transit Dispatch	transit fare request	Planned	Request for fare information and transit fare payment.
NAIPTA (dba Mountain Line) Website and FLGRide	Cities and Towns Transit Dispatch	transit trip request	Planned	Request for a transit trip plan that is responsive to traveler requirements such as schedule, cost, or duration.
NAIPTA (dba Mountain Line) Website and FLGRide	Cities and Towns Transit Dispatch	trip confirmation	Planned	Acknowledgement by the driver/traveler of acceptance of a trip plan with associated personal and payment information required to confirm reservations. Conversely, this flow may also reject the proposed trip plan. Confirmations include the selected route and subsequent trip confirmation messages will be issued for route changes.
NAIPTA (dba Mountain Line) Website and FLGRide	Local Dial-A-Ride Transit Dispatchers	demand responsive transit request	Planned	Request for paratransit support.
NAIPTA (dba Mountain Line) Website and FLGRide	Local Dial-A-Ride Transit Dispatchers	trip confirmation	Planned	Acknowledgement by the driver/traveler of acceptance of a trip plan with associated personal and payment information required to confirm reservations. Conversely, this flow may also reject the proposed trip plan. Confirmations include the selected route and subsequent trip confirmation messages will be issued for route changes.
NAIPTA (dba Mountain Line) Website and FLGRide	Local Print and Broadcast Media	traveler information for media	Planned	General traveler information regarding incidents, unusual traffic conditions, transit issues, or other advisory information that has been desensitized and provided to the media.
NAIPTA (dba Mountain Line) Website and FLGRide	MPO-COG Planning Traffic Database	traveler archive data	Planned	Data associated with traveler information services including service requests, facility usage, rideshare, routing, and traveler payment transaction data. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
NAIPTA (dba Mountain Line) Website and FLGRide	NAIPTA (dba Mountain Line) Paratransit	demand responsive transit request	Planned	Request for paratransit support.
NAIPTA (dba Mountain Line) Website and FLGRide	NAIPTA (dba Mountain Line) Paratransit	trip confirmation	Planned	Acknowledgement by the driver/traveler of acceptance of a trip plan with associated personal and payment information required to confirm reservations. Conversely, this flow may also reject the proposed trip plan. Confirmations include the selected route and subsequent trip confirmation messages will be issued for route changes.
NAIPTA (dba Mountain Line) Website and FLGRide	NAIPTA (dba Mountain Line) Transit Data Archive	traveler archive data	Planned	Data associated with traveler information services including service requests, facility usage, rideshare, routing, and traveler payment transaction data. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
NAIPTA (dba Mountain Line) Website and FLGRide	NAIPTA (dba Mountain Line) Transit Management Center	demand responsive transit request	Planned	Request for paratransit support.
NAIPTA (dba Mountain Line) Website and FLGRide	NAIPTA (dba Mountain Line) Transit Management Center	transit fare request	Planned	Request for fare information and transit fare payment.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
NAIPTA (dba Mountain Line) Website and FLGRide	NAIPTA (dba Mountain Line) Transit Management Center	trip confirmation	Planned	Acknowledgement by the driver/traveler of acceptance of a trip plan with associated personal and payment information required to confirm reservations. Conversely, this flow may also reject the proposed trip plan. Confirmations include the selected route and subsequent trip confirmation messages will be issued for route changes.
NAIPTA (dba Mountain Line) Website and FLGRide	Payment Administration Center	account updates	Planned	Updates to an account, such as purchases, uses, cancellation, secureID changes or similar material changes to account information.
NAIPTA (dba Mountain Line) Website and FLGRide	Payment Administration Center	smart card reconciliation	Planned	Detailed list of charges of the form charge/transport provider, taken from a smart card that need to be applied to the listed providers.
NAIPTA (dba Mountain Line) Website and FLGRide	Personal Information Devices for Travelers	broadcast traveler information	Planned	General traveler information that contains traffic and road conditions, link travel times, incidents, advisories, restrictions, vehicle requirements, work zones, transit service information, weather information, parking information, and other related traveler information.
NAIPTA (dba Mountain Line) Website and FLGRide	Personal Information Devices for Travelers	interactive traveler information	Planned	Traveler information provided in response to a traveler request. The provided information includes traffic and road conditions, advisories, incidents, restrictions, payment information, transit services, parking information, weather information, and other travel-related data updates and confirmations.
NAIPTA (dba Mountain Line) Website and FLGRide	Private Transit Routing Service Provider	broadcast traveler information	Planned	General traveler information that contains traffic and road conditions, link travel times, incidents, advisories, restrictions, vehicle requirements, work zones, transit service information, weather information, parking information, and other related traveler information.
NAIPTA (dba Mountain Line) Website and FLGRide	Private Transit Routing Service Provider	interactive traveler information	Planned	Traveler information provided in response to a traveler request. The provided information includes traffic and road conditions, advisories, incidents, restrictions, payment information, transit services, parking information, weather information, and other travel-related data updates and confirmations.
NAIPTA (dba Mountain Line) Website and FLGRide	Private Transit Routing Service Provider	trip plan	Planned	A travel itinerary covering single or multimodal travel. The itinerary identifies a route and associated traveler information and instructions identifying recommended trip modes (including indoor and outdoor wayfinding) and transfer information, ride sharing options, and transit and parking reservation information. This flow also includes intermediate information that is provided as the trip plan is interactively created, including identification of alternatives, requests for additional information as well as amenities along the trip.
NAIPTA (dba Mountain Line) Website and FLGRide	Public Private Traveler Information	emergency traveler information	Planned	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
NAIPTA (dba Mountain Line) Website and FLGRide	Public Private Traveler Information	transit service information	Planned	Transit service information including routes, schedules, and fare information as well as dynamic transit schedule adherence and transit vehicle location information.
NAIPTA (dba Mountain Line) Website and FLGRide	Transit Providers Dispatch (Public and Private)	transit fare request	Planned	Request for fare information and transit fare payment.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
NAIPTA (dba Mountain Line) Website and FLGRide	Transit Providers Dispatch (Public and Private)	trip confirmation	Planned	Acknowledgement by the driver/traveler of acceptance of a trip plan with associated personal and payment information required to confirm reservations. Conversely, this flow may also reject the proposed trip plan. Confirmations include the selected route and subsequent trip confirmation messages will be issued for route changes.
NAIPTA (dba Mountain Line) Website and FLGRide	Wide Area Alerting Systems	emergency traveler information	Planned	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
NDOT ITS Field Equipment	ADOT Roadside Comm Equipment	dynamic sign coordination	Existing	The direct flow of information between field equipment. This includes information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support local management of these devices. Current operating status of dynamic message signs is returned.
NDOT ITS Field Equipment	ADOT Roadside Comm Equipment	environmental sensor coordination	Existing	The direct flow of information between field equipment. This includes configuration and control of environmental sensors and the current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
NDOT ITS Field Equipment	ADOT Roadside Comm Equipment	lane management coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control dynamic lane management systems and the status of managed lanes including current operational state, violations, and logged information. This also includes lane usage information including both traditional traffic flow measures and special information associated with managed lanes such as measured passenger occupancies. It also includes the operational status of the lane management equipment.
NDOT ITS Field Equipment	ADOT Roadside Comm Equipment	local priority request coordination	Existing	The direct flow of information between field equipment. This includes notification of crossing calls from pedestrians and other vulnerable road users and requests for signal prioritization or preemption, and any other request for right-of-way at an intersection. The status of the priority request is also shared. For vulnerable road users, this includes information provided to guide and warn vulnerable road users at crossings including crossing permission status and crossing time remaining.
NDOT ITS Field Equipment	ADOT Roadside Comm Equipment	passive vehicle monitoring coordination	Planned	The direct flow of information between field equipment. This includes control commands used to control detection systems that rely on infrastructure-based identification of individual vehicles to measure travel times and other related measures by identifying the same vehicle at different points in the network. Related technologies include Bluetooth readers and license plate recognition systems. The coordination also includes sharing of time stamped identifiers that identify the vehicles that have passed through a detection zone.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
NDOT ITS Field Equipment	ADOT Roadside Comm Equipment	reversible lane coordination	Planned	The direct flow of information between field equipment. This includes control of automated reversible lane configuration and driver information systems and current reversible lane status including the operational status and mode of the reversible lane control equipment.
NDOT ITS Field Equipment	ADOT Roadside Comm Equipment	roadway treatment coordination	Existing	The direct flow of information between field equipment. This includes control data for remotely located, automated devices, that treat the road surface (e.g., de-icing applications) and the current operational status of automated roadway treatment devices.
NDOT ITS Field Equipment	ADOT Roadside Comm Equipment	roadway warning coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control roadway warning systems and the current operating status of roadway warning systems.
NDOT ITS Field Equipment	ADOT Roadside Comm Equipment	signal control coordination	Existing	The direct flow of information between field equipment. This includes configuration and control of traffic signal controllers or field masters. Configuration data and operational status of traffic signal control equipment including operating condition and current indications are returned.
NDOT ITS Field Equipment	ADOT Roadside Comm Equipment	traffic detector coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control traffic detector systems such as inductive loop detectors and machine vision sensors. Raw and/or processed traffic detector data is returned that allows derivation of traffic flow variables (e.g., speed, volume, and density measures) and associated information (e.g., congestion, potential incidents). This flow includes the traffic data and the operational status of the traffic detectors.
NDOT ITS Field Equipment	ADOT Roadside Comm Equipment	traffic metering coordination	Existing	The direct flow of information between field equipment. This includes control commands and operating parameters for ramp meters, interchange meters, mainline meters, and other systems equipment associated with roadway metering operations. Current operational status of the traffic metering status is also provided.
NDOT ITS Field Equipment	ADOT Roadside Comm Equipment	variable speed limit coordination	Existing	The direct flow of information between field equipment. This includes information used to configure, control, and monitor variable speed limit systems including the equipment used to provide current speed limits and other information to drivers.
NDOT ITS Field Equipment	ADOT Roadside Comm Equipment	video surveillance coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control video surveillance systems and the high fidelity, real-time traffic images and associated meta data that are returned.
NDOT ITS Field Equipment	ADOT RWIS	dynamic sign coordination	Existing	The direct flow of information between field equipment. This includes information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support local management of these devices. Current operating status of dynamic message signs is returned.
NDOT ITS Field Equipment	ADOT RWIS	roadway treatment coordination	Existing	The direct flow of information between field equipment. This includes control data for remotely located, automated devices, that treat the road surface (e.g., de-icing applications) and the current operational status of automated roadway treatment devices.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
NDOT ITS Field Equipment	ADOT RWIS	roadway warning coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control roadway warning systems and the current operating status of roadway warning systems.
NDOT ITS Field Equipment	ADOT RWIS	variable speed limit coordination	Planned	The direct flow of information between field equipment. This includes information used to configure, control, and monitor variable speed limit systems including the equipment used to provide current speed limits and other information to drivers.
NDOT ITS Field Equipment	ADOT RWIS	video surveillance coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control video surveillance systems and the high fidelity, real-time traffic images and associated meta data that are returned.
NDOT TOC - FAST TMC	ADOT DEOC-Dept EM Ops Center	device control request	Planned	Request for device control action
NDOT TOC - FAST TMC	ADOT DEOC-Dept EM Ops Center	device data	Planned	Data from detectors, environmental sensor stations, roadside equipment, and traffic control devices, including device inventory information.
NDOT TOC - FAST TMC	ADOT DEOC-Dept EM Ops Center	device status	Planned	Status information from devices
NDOT TOC - FAST TMC	ADOT DEOC-Dept EM Ops Center	emergency traffic coordination	Existing	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
NDOT TOC - FAST TMC	ADOT DEOC-Dept EM Ops Center	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
NDOT TOC - FAST TMC	ADOT DEOC-Dept EM Ops Center	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
NDOT TOC - FAST TMC	ADOT DEOC-Dept EM Ops Center	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
NDOT TOC - FAST TMC	ADOT TOC and EMC	device control request	Planned	Request for device control action
NDOT TOC - FAST TMC	ADOT TOC and EMC	device data	Planned	Data from detectors, environmental sensor stations, roadside equipment, and traffic control devices, including device inventory information.
NDOT TOC - FAST TMC	ADOT TOC and EMC	device status	Planned	Status information from devices

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
NDOT TOC - FAST TMC	ADOT TOC and EMC	emergency traffic coordination	Planned	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
NDOT TOC - FAST TMC	ADOT TOC and EMC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
NDOT TOC - FAST TMC	ADOT TOC and EMC	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
NDOT TOC - FAST TMC	ADOT TOC and EMC	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
Nevada State Police Dispatch	ADOT DEOC-Dept EM Ops Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Nevada State Police Dispatch	ADOT DEOC-Dept EM Ops Center	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Nevada State Police Dispatch	ADOT DEOC-Dept EM Ops Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Nevada State Police Dispatch	ADOT DEOC-Dept EM Ops Center	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.

Information Flows – Tabular Format (sorted by Source Element)

RAD-IT Table

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Nevada State Police Dispatch	ADOT DEOC-Dept EM Ops Center	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Nevada State Police Dispatch	ADOT DEOC-Dept EM Ops Center	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Nevada State Police Dispatch	ADOT DEOC-Dept EM Ops Center	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Nevada State Police Dispatch	ADOT DEOC-Dept EM Ops Center	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Nevada State Police Dispatch	ADOT DEOC-Dept EM Ops Center	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Nevada State Police Dispatch	ADOT DEOC-Dept EM Ops Center	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Nevada State Police Dispatch	ADOT DEOC-Dept EM Ops Center	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Nevada State Police Dispatch	ADOT DEOC-Dept EM Ops Center	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Nevada State Police Dispatch	ADOT DEOC-Dept EM Ops Center	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
Nevada State Police Dispatch	ADOT DEOC-Dept EM Ops Center	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
Nevada State Police Dispatch	ADOT DEOC-Dept EM Ops Center	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Nevada State Police Dispatch	ADOT DEOC-Dept EM Ops Center	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Nevada State Police Dispatch	ADOT ECD Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Nevada State Police Dispatch	ADOT ECD Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Nevada State Police Dispatch	ADOT ECD Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Nevada State Police Dispatch	ADOT ECD Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Nevada State Police Dispatch	ADOT ECD Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Nevada State Police Dispatch	ADOT ECD Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Nevada State Police Dispatch	ADOT ECD Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Nevada State Police Dispatch	ADOT ECD Dispatch	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Nevada State Police Dispatch	ADOT ECD Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Nevada State Police Dispatch	ADOT TOC and EMC	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Nevada State Police Dispatch	ADOT TOC and EMC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Nevada State Police Dispatch	ADOT TOC and EMC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Nevada State Police Dispatch	ADOT TOC and EMC	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
Nevada State Police Dispatch	ADOT TOC and EMC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Nevada State Police Dispatch	ADOT TOC and EMC	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Nevada State Police Dispatch	ADOT TOC and EMC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Nevada State Police Dispatch	ADOT TOC and EMC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Nevada State Police Dispatch	ADOT TOC and EMC	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Nevada State Police Dispatch	ADOT TOC and EMC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Nevada State Police Dispatch	ADOT TOC and EMC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Nevada State Police Dispatch	ADOT TOC and EMC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Nevada State Police Dispatch	ADOT TOC and EMC	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
Nevada State Police Dispatch	ADOT TOC and EMC	threat information	Planned	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc).
Nevada State Police Dispatch	ADOT TOC and EMC	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Nevada State Police Dispatch	ADOT TOC and EMC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Nevada State Police Dispatch	DEMA Enforcement	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Nevada State Police Dispatch	DEMA Enforcement	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Nevada State Police Dispatch	DEMA Enforcement	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Nevada State Police Dispatch	DEMA Enforcement	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Nevada State Police Dispatch	DEMA Enforcement	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Nevada State Police Dispatch	DEMA Enforcement	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Nevada State Police Dispatch	DEMA Enforcement	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Nevada State Police Dispatch	DEMA Enforcement	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Nevada State Police Dispatch	DEMA Enforcement	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Nevada State Police Dispatch	DEMA SEOC Arizona DEM Military Affairs	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Nevada State Police Dispatch	DEMA SEOC Arizona DEM Military Affairs	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Nevada State Police Dispatch	DEMA SEOC Arizona DEM Military Affairs	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Nevada State Police Dispatch	DEMA SEOC Arizona DEM Military Affairs	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Nevada State Police Dispatch	DEMA SEOC Arizona DEM Military Affairs	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Nevada State Police Dispatch	DEMA SEOC Arizona DEM Military Affairs	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Nevada State Police Dispatch	DEMA SEOC Arizona DEM Military Affairs	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Nevada State Police Dispatch	DEMA SEOC Arizona DEM Military Affairs	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Nevada State Police Dispatch	DEMA SEOC Arizona DEM Military Affairs	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Nevada State Police Dispatch	DEMA WebEOC System	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Nevada State Police Dispatch	DEMA WebEOC System	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Nevada State Police Dispatch	DEMA WebEOC System	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Nevada State Police Dispatch	DEMA WebEOC System	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Nevada State Police Dispatch	DEMA WebEOC System	incident information for public	Existing	Report of current desensitized incident information prepared for public dissemination.
Nevada State Police Dispatch	DEMA WebEOC System	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Nevada State Police Dispatch	DEMA WebEOC System	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Nevada State Police Dispatch	DEMA WebEOC System	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Nevada State Police Dispatch	DEMA WebEOC System	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Nevada State Police Dispatch	DEMA WebEOC System	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Nevada State Police Dispatch	DPS Central Communications Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Nevada State Police Dispatch	DPS Central Communications Center	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Nevada State Police Dispatch	DPS Central Communications Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Nevada State Police Dispatch	DPS Central Communications Center	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
Nevada State Police Dispatch	DPS Central Communications Center	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Nevada State Police Dispatch	DPS Central Communications Center	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Nevada State Police Dispatch	DPS Central Communications Center	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Nevada State Police Dispatch	DPS Central Communications Center	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Nevada State Police Dispatch	DPS Central Communications Center	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Nevada State Police Dispatch	DPS Central Communications Center	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Nevada State Police Dispatch	DPS Central Communications Center	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Nevada State Police Dispatch	DPS Central Communications Center	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Nevada State Police Dispatch	DPS Central Communications Center	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
Nevada State Police Dispatch	DPS Central Communications Center	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
Nevada State Police Dispatch	DPS Central Communications Center	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Nevada State Police Dispatch	DPS Central Communications Center	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Nevada State Police Dispatch	DPS Console Interface (Other LE)	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Nevada State Police Dispatch	DPS Console Interface (Other LE)	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Nevada State Police Dispatch	DPS Console Interface (Other LE)	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Nevada State Police Dispatch	DPS Console Interface (Other LE)	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Nevada State Police Dispatch	DPS Console Interface (Other LE)	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Nevada State Police Dispatch	DPS Console Interface (Other LE)	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Nevada State Police Dispatch	DPS Console Interface (Other LE)	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Nevada State Police Dispatch	DPS Console Interface (Other LE)	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Nevada State Police Dispatch	DPS Console Interface (Other LE)	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Nevada State Police Dispatch	Public Private Traveler Information	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Nevada State Police Dispatch	Public Private Traveler Information	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Nevada State Police Dispatch	Public Private Traveler Information	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
Nevada State Police Dispatch	Public Private Traveler Information	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Nevada State Police Dispatch	Social Media and Networking	alert notification for social media	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public via social media. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This version of the flow contains only publicly available information and is structured and formatted for publication on specific social media platforms and other public-facing sites.
Nevada State Police Dispatch	Wide Area Alerting Systems	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Nevada State Police Dispatch	Wide Area Alerting Systems	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Nevada State Police Dispatch	Wide Area Alerting Systems	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
Nevada State Police Dispatch	Wide Area Alerting Systems	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
New Mexico ITS Field Equipment	ADOT RWIS	dynamic sign coordination	Existing	The direct flow of information between field equipment. This includes information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support local management of these devices. Current operating status of dynamic message signs is returned.
New Mexico ITS Field Equipment	ADOT RWIS	environmental sensor coordination	Planned	The direct flow of information between field equipment. This includes configuration and control of environmental sensors and the current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
New Mexico ITS Field Equipment	ADOT RWIS	roadway treatment coordination	Existing	The direct flow of information between field equipment. This includes control data for remotely located, automated devices, that treat the road surface (e.g., de-icing applications) and the current operational status of automated roadway treatment devices.
New Mexico ITS Field Equipment	ADOT RWIS	roadway warning coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control roadway warning systems and the current operating status of roadway warning systems.
New Mexico ITS Field Equipment	ADOT RWIS	video surveillance coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control video surveillance systems and the high fidelity, real-time traffic images and associated meta data that are returned.
New Mexico State Police Dispatch	ADOT DEOC-Dept EM Ops Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
New Mexico State Police Dispatch	ADOT DEOC-Dept EM Ops Center	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
New Mexico State Police Dispatch	ADOT DEOC-Dept EM Ops Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
New Mexico State Police Dispatch	ADOT DEOC-Dept EM Ops Center	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
New Mexico State Police Dispatch	ADOT DEOC-Dept EM Ops Center	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
New Mexico State Police Dispatch	ADOT DEOC-Dept EM Ops Center	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
New Mexico State Police Dispatch	ADOT DEOC-Dept EM Ops Center	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
New Mexico State Police Dispatch	ADOT DEOC-Dept EM Ops Center	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
New Mexico State Police Dispatch	ADOT DEOC-Dept EM Ops Center	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
New Mexico State Police Dispatch	ADOT DEOC-Dept EM Ops Center	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
New Mexico State Police Dispatch	ADOT DEOC-Dept EM Ops Center	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
New Mexico State Police Dispatch	ADOT DEOC-Dept EM Ops Center	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
New Mexico State Police Dispatch	ADOT DEOC-Dept EM Ops Center	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
New Mexico State Police Dispatch	ADOT DEOC-Dept EM Ops Center	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
New Mexico State Police Dispatch	ADOT DEOC-Dept EM Ops Center	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
New Mexico State Police Dispatch	ADOT DEOC-Dept EM Ops Center	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
New Mexico State Police Dispatch	ADOT TOC Traffic Information Center	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
New Mexico State Police Dispatch	ADOT TOC Traffic Information Center	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
New Mexico State Police Dispatch	ADOT TOC Traffic Information Center	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
New Mexico State Police Dispatch	ADOT TOC Traffic Information Center	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
New Mexico State Police Dispatch	DEMA SEOC Arizona DEM Military Affairs	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
New Mexico State Police Dispatch	DEMA SEOC Arizona DEM Military Affairs	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
New Mexico State Police Dispatch	DEMA SEOC Arizona DEM Military Affairs	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.

Information Flows – Tabular Format (sorted by Source Element)

RAD-IT Table

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
New Mexico State Police Dispatch	DEMA SEOC Arizona DEM Military Affairs	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
New Mexico State Police Dispatch	DEMA SEOC Arizona DEM Military Affairs	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
New Mexico State Police Dispatch	DEMA SEOC Arizona DEM Military Affairs	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
New Mexico State Police Dispatch	DEMA SEOC Arizona DEM Military Affairs	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
New Mexico State Police Dispatch	DEMA SEOC Arizona DEM Military Affairs	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
New Mexico State Police Dispatch	DEMA SEOC Arizona DEM Military Affairs	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
New Mexico State Police Dispatch	DEMA WebEOC System	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
New Mexico State Police Dispatch	DEMA WebEOC System	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
New Mexico State Police Dispatch	DEMA WebEOC System	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
New Mexico State Police Dispatch	DEMA WebEOC System	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
New Mexico State Police Dispatch	DEMA WebEOC System	incident information for public	Existing	Report of current desensitized incident information prepared for public dissemination.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
New Mexico State Police Dispatch	DEMA WebEOC System	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
New Mexico State Police Dispatch	DEMA WebEOC System	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
New Mexico State Police Dispatch	DEMA WebEOC System	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
New Mexico State Police Dispatch	DEMA WebEOC System	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
New Mexico State Police Dispatch	DEMA WebEOC System	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
New Mexico State Police Dispatch	DPS Central Communications Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
New Mexico State Police Dispatch	DPS Central Communications Center	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
New Mexico State Police Dispatch	DPS Central Communications Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
New Mexico State Police Dispatch	DPS Central Communications Center	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
New Mexico State Police Dispatch	DPS Central Communications Center	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
New Mexico State Police Dispatch	DPS Central Communications Center	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
New Mexico State Police Dispatch	DPS Central Communications Center	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
New Mexico State Police Dispatch	DPS Central Communications Center	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
New Mexico State Police Dispatch	DPS Central Communications Center	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
New Mexico State Police Dispatch	DPS Central Communications Center	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
New Mexico State Police Dispatch	DPS Central Communications Center	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
New Mexico State Police Dispatch	DPS Central Communications Center	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
New Mexico State Police Dispatch	DPS Central Communications Center	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
New Mexico State Police Dispatch	DPS Central Communications Center	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
New Mexico State Police Dispatch	DPS Central Communications Center	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
New Mexico State Police Dispatch	DPS Central Communications Center	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
New Mexico State Police Dispatch	Public Private Traveler Information	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
New Mexico State Police Dispatch	Public Private Traveler Information	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
New Mexico State Police Dispatch	Public Private Traveler Information	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
New Mexico State Police Dispatch	Public Private Traveler Information	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
New Mexico State Police Dispatch	Social Media and Networking	alert notification for social media	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public via social media. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This version of the flow contains only publicly available information and is structured and formatted for publication on specific social media platforms and other public-facing sites.
New Mexico State Police Dispatch	Wide Area Alerting Systems	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
New Mexico State Police Dispatch	Wide Area Alerting Systems	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
New Mexico State Police Dispatch	Wide Area Alerting Systems	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
New Mexico State Police Dispatch	Wide Area Alerting Systems	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
New Mexico Statewide TMC	ADOT DEOC-Dept EM Ops Center	emergency traffic coordination	Existing	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
New Mexico Statewide TMC	ADOT TOC and EMC	device control request	Planned	Request for device control action
New Mexico Statewide TMC	ADOT TOC and EMC	device data	Planned	Data from detectors, environmental sensor stations, roadside equipment, and traffic control devices, including device inventory information.
New Mexico Statewide TMC	ADOT TOC and EMC	device status	Planned	Status information from devices
New Mexico Statewide TMC	ADOT TOC and EMC	emergency traffic coordination	Planned	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
New Mexico Statewide TMC	ADOT TOC and EMC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
New Mexico Statewide TMC	ADOT TOC and EMC	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
New Mexico Statewide TMC	ADOT TOC and EMC	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
New Mexico Truck Parking Availability System	ADOT Truck Parking Availability System (TPAS)	parking information	Existing	General parking information and status, including current parking availability, parking pricing, and parking space availability information, including features like number and type of electric charging spots.
NOAA_National Weather Service	ADOT 511 Website	qualified environmental conditions data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) that has had quality checks performed on it and has been formatted and consolidated by the Clarus system. Attributes relating to the data collection (and aggregation) are also included.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
NOAA_National Weather Service	ADOT 511 Website	weather information	Planned	Accumulated forecasted and current weather data (e.g., temperature, pressure, wind speed, wind direction, humidity, precipitation, visibility, light conditions, etc.).
NOAA_National Weather Service	ADOT DEOC-Dept EM Ops Center	weather information	Planned	Accumulated forecasted and current weather data (e.g., temperature, pressure, wind speed, wind direction, humidity, precipitation, visibility, light conditions, etc.).
NOAA_National Weather Service	ADOT Dust Detection Software System	environmental conditions data status	Planned	Status of the data quality of environmental conditions data provided by a data contributor. Includes not only status by sensor, but statistical data regarding the quality checking of data provided.
NOAA_National Weather Service	ADOT Dust Detection Software System	qualified environmental conditions data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) that has had quality checks performed on it and has been formatted and consolidated by the Clarus system. Attributes relating to the data collection (and aggregation) are also included.
NOAA_National Weather Service	ADOT Dust Detection Software System	weather information	Planned	Accumulated forecasted and current weather data (e.g., temperature, pressure, wind speed, wind direction, humidity, precipitation, visibility, light conditions, etc.).
NOAA_National Weather Service	ADOT ECD Dispatch	weather information	Planned	Accumulated forecasted and current weather data (e.g., temperature, pressure, wind speed, wind direction, humidity, precipitation, visibility, light conditions, etc.).
NOAA_National Weather Service	ADOT HazMat Response Team	weather information	Planned	Accumulated forecasted and current weather data (e.g., temperature, pressure, wind speed, wind direction, humidity, precipitation, visibility, light conditions, etc.).
NOAA_National Weather Service	ADOT TOC and EMC	environmental conditions data status	Planned	Status of the data quality of environmental conditions data provided by a data contributor. Includes not only status by sensor, but statistical data regarding the quality checking of data provided.
NOAA_National Weather Service	ADOT TOC and EMC	qualified environmental conditions data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) that has had quality checks performed on it and has been formatted and consolidated by the Clarus system. Attributes relating to the data collection (and aggregation) are also included.
NOAA_National Weather Service	ADOT TOC and EMC	weather information	Planned	Accumulated forecasted and current weather data (e.g., temperature, pressure, wind speed, wind direction, humidity, precipitation, visibility, light conditions, etc.).
NOAA_National Weather Service	ADOT TOC Traffic Information Center	weather information	Existing	Accumulated forecasted and current weather data (e.g., temperature, pressure, wind speed, wind direction, humidity, precipitation, visibility, light conditions, etc.).
NOAA_National Weather Service	ATTP Tribal Coordination Website	qualified environmental conditions data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) that has had quality checks performed on it and has been formatted and consolidated by the Clarus system. Attributes relating to the data collection (and aggregation) are also included.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
NOAA_National Weather Service	ATTP Tribal Coordination Website	weather information	Existing	Accumulated forecasted and current weather data (e.g., temperature, pressure, wind speed, wind direction, humidity, precipitation, visibility, light conditions, etc.).
NOAA_National Weather Service	AZTech RADS Data Archive	weather archive data	Planned	Accumulated forecasted and current weather data (e.g., temperature, pressure, wind speed, wind direction, humidity, precipitation, visibility, light conditions, etc.) as well as qualified environmental sensor data. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
NOAA_National Weather Service	BIA Western Regional Website	weather information	Planned	Accumulated forecasted and current weather data (e.g., temperature, pressure, wind speed, wind direction, humidity, precipitation, visibility, light conditions, etc.).
NOAA_National Weather Service	Cities and Towns EOC-EMC	weather information	Existing	Accumulated forecasted and current weather data (e.g., temperature, pressure, wind speed, wind direction, humidity, precipitation, visibility, light conditions, etc.).
NOAA_National Weather Service	Cities and Towns MCO Dispatch	environmental conditions data status	Planned	Status of the data quality of environmental conditions data provided by a data contributor. Includes not only status by sensor, but statistical data regarding the quality checking of data provided.
NOAA_National Weather Service	Cities and Towns MCO Dispatch	qualified environmental conditions data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) that has had quality checks performed on it and has been formatted and consolidated by the Clarus system. Attributes relating to the data collection (and aggregation) are also included.
NOAA_National Weather Service	Cities and Towns MCO Dispatch	weather information	Planned	Accumulated forecasted and current weather data (e.g., temperature, pressure, wind speed, wind direction, humidity, precipitation, visibility, light conditions, etc.).
NOAA_National Weather Service	Cities and Towns Police and Fire Dispatch	weather information	Existing	Accumulated forecasted and current weather data (e.g., temperature, pressure, wind speed, wind direction, humidity, precipitation, visibility, light conditions, etc.).
NOAA_National Weather Service	Cities and Towns Public Works	environmental conditions data status	Planned	Status of the data quality of environmental conditions data provided by a data contributor. Includes not only status by sensor, but statistical data regarding the quality checking of data provided.
NOAA_National Weather Service	Cities and Towns Public Works	qualified environmental conditions data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) that has had quality checks performed on it and has been formatted and consolidated by the Clarus system. Attributes relating to the data collection (and aggregation) are also included.
NOAA_National Weather Service	Cities and Towns Public Works	weather information	Planned	Accumulated forecasted and current weather data (e.g., temperature, pressure, wind speed, wind direction, humidity, precipitation, visibility, light conditions, etc.).
NOAA_National Weather Service	Cities and Towns TIC and Website	weather information	Planned	Accumulated forecasted and current weather data (e.g., temperature, pressure, wind speed, wind direction, humidity, precipitation, visibility, light conditions, etc.).

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
NOAA_National Weather Service	Cities and Towns TMC-TOC	environmental conditions data status	Planned	Status of the data quality of environmental conditions data provided by a data contributor. Includes not only status by sensor, but statistical data regarding the quality checking of data provided.
NOAA_National Weather Service	Cities and Towns TMC-TOC	qualified environmental conditions data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) that has had quality checks performed on it and has been formatted and consolidated by the Clarus system. Attributes relating to the data collection (and aggregation) are also included.
NOAA_National Weather Service	Cities and Towns TMC-TOC	weather information	Planned	Accumulated forecasted and current weather data (e.g., temperature, pressure, wind speed, wind direction, humidity, precipitation, visibility, light conditions, etc.).
NOAA_National Weather Service	County EMC-EOC	weather information	Existing	Accumulated forecasted and current weather data (e.g., temperature, pressure, wind speed, wind direction, humidity, precipitation, visibility, light conditions, etc.).
NOAA_National Weather Service	County Public Works	environmental conditions data status	Planned	Status of the data quality of environmental conditions data provided by a data contributor. Includes not only status by sensor, but statistical data regarding the quality checking of data provided.
NOAA_National Weather Service	County Public Works	qualified environmental conditions data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) that has had quality checks performed on it and has been formatted and consolidated by the Clarus system. Attributes relating to the data collection (and aggregation) are also included.
NOAA_National Weather Service	County Public Works	weather information	Existing	Accumulated forecasted and current weather data (e.g., temperature, pressure, wind speed, wind direction, humidity, precipitation, visibility, light conditions, etc.).
NOAA_National Weather Service	County Sheriff Dispatch	weather information	Planned	Accumulated forecasted and current weather data (e.g., temperature, pressure, wind speed, wind direction, humidity, precipitation, visibility, light conditions, etc.).
NOAA_National Weather Service	County TMC-TOC	environmental conditions data status	Planned	Status of the data quality of environmental conditions data provided by a data contributor. Includes not only status by sensor, but statistical data regarding the quality checking of data provided.
NOAA_National Weather Service	County TMC-TOC	qualified environmental conditions data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) that has had quality checks performed on it and has been formatted and consolidated by the Clarus system. Attributes relating to the data collection (and aggregation) are also included.
NOAA_National Weather Service	County TMC-TOC	weather information	Planned	Accumulated forecasted and current weather data (e.g., temperature, pressure, wind speed, wind direction, humidity, precipitation, visibility, light conditions, etc.).
NOAA_National Weather Service	County Website and NIXLE	weather information	Planned	Accumulated forecasted and current weather data (e.g., temperature, pressure, wind speed, wind direction, humidity, precipitation, visibility, light conditions, etc.).

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Source Element	Destination Element	Flow Name	Flow Status	Flow Description
NOAA_National Weather Service	DEMA SEOC Arizona DEM Military Affairs	weather information	Existing	Accumulated forecasted and current weather data (e.g., temperature, pressure, wind speed, wind direction, humidity, precipitation, visibility, light conditions, etc.).
NOAA_National Weather Service	DPS Central Communications Center	weather information	Planned	Accumulated forecasted and current weather data (e.g., temperature, pressure, wind speed, wind direction, humidity, precipitation, visibility, light conditions, etc.).
NOAA_National Weather Service	DPS Data Archive	weather archive data	Planned	Accumulated forecasted and current weather data (e.g., temperature, pressure, wind speed, wind direction, humidity, precipitation, visibility, light conditions, etc.) as well as qualified environmental sensor data. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
NOAA_National Weather Service	Maricopa County EOC	weather information	Planned	Accumulated forecasted and current weather data (e.g., temperature, pressure, wind speed, wind direction, humidity, precipitation, visibility, light conditions, etc.).
NOAA_National Weather Service	Mexico Customs and Border Patrol	weather information	Planned	Accumulated forecasted and current weather data (e.g., temperature, pressure, wind speed, wind direction, humidity, precipitation, visibility, light conditions, etc.).
NOAA_National Weather Service	Mexico Public Safety	weather information	Planned	Accumulated forecasted and current weather data (e.g., temperature, pressure, wind speed, wind direction, humidity, precipitation, visibility, light conditions, etc.).
NOAA_National Weather Service	Public Private Traveler Information	qualified environmental conditions data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) that has had quality checks performed on it and has been formatted and consolidated by the Clarus system. Attributes relating to the data collection (and aggregation) are also included.
NOAA_National Weather Service	Public Private Traveler Information	weather information	Planned	Accumulated forecasted and current weather data (e.g., temperature, pressure, wind speed, wind direction, humidity, precipitation, visibility, light conditions, etc.).
NOAA_National Weather Service	Wide Area Alerting Systems	weather information	Planned	Accumulated forecasted and current weather data (e.g., temperature, pressure, wind speed, wind direction, humidity, precipitation, visibility, light conditions, etc.).
PAG Data User Systems	ADOT HPMS Data Archive	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
PAG Data User Systems	Cities and Towns Data Archive	archived data product requests	Existing	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
PAG Data User Systems	MPO-COG Planning Traffic Database	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
PAG Data User Systems	PAG Planning Traffic Database	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
PAG Data User Systems	State Universities Data Archives	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
PAG Planning Traffic Database	ADOT AZ Crash Information System (ACIS)	archive analysis results	Planned	Processed information products, supporting meta data, and any associated transaction information resulting from data mining, analytical processing, aggregation or summarization, report formulation, or other on-line processing and analysis of archived data.
PAG Planning Traffic Database	ADOT AZ Crash Information System (ACIS)	archive request confirmation	Planned	Confirmation that an archive request has been received and processed with information on the disposition of the request.
PAG Planning Traffic Database	ADOT AZ Crash Information System (ACIS)	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
PAG Planning Traffic Database	ADOT HPMS Data Archive	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
PAG Planning Traffic Database	ADOT TOC Data User System	archive analysis results	Planned	Processed information products, supporting meta data, and any associated transaction information resulting from data mining, analytical processing, aggregation or summarization, report formulation, or other on-line processing and analysis of archived data.
PAG Planning Traffic Database	ADOT TOC Data User System	archive request confirmation	Planned	Confirmation that an archive request has been received and processed with information on the disposition of the request.
PAG Planning Traffic Database	ADOT TOC Data User System	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
PAG Planning Traffic Database	ADOT TOC Traffic Information Center	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
PAG Planning Traffic Database	Archive Data Users	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
PAG Planning Traffic Database	DPS Data Archive	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
PAG Planning Traffic Database	PAG Data User Systems	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
PAG Planning Traffic Database	Tribal Data Archive	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
Payment Administration Center	Basic Private Vehicle	user account reports	Planned	Reports on services offered/provided and associated charges.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Payment Administration Center	Cities and Towns Transit Dispatch	payment methods	Planned	A list of valid payment methods.
Payment Administration Center	Cities and Towns Transit Dispatch	reconciliation response	Planned	Response indicating that reconciliation of charges using a smart card have been processed.
Payment Administration Center	Cities and Towns Transit Dispatch	trip access coordination	Planned	Access token granting the bearer the right to use a given transportation resource; typically used when one payment provider is paid for a trip using multiple travel providers; the token is used by the Traveler to gain access to one or more of the travel provider resource (e.g., a transit ride).
Payment Administration Center	Cities and Towns Transit Vehicles	authorization response	Planned	Notification of status of authorization request.
Payment Administration Center	Electric Vehicle Charging Stations	authorization response	Planned	Notification of status of authorization request.
Payment Administration Center	Financial Institution	payment request	Planned	Request for payment from financial institution or related financial service requests (e.g., balance inquiry)
Payment Administration Center	Local Dial-A-Ride Transit Dispatchers	payment methods	Planned	A list of valid payment methods.
Payment Administration Center	Local Dial-A-Ride Transit Dispatchers	reconciliation response	Planned	Response indicating that reconciliation of charges using a smart card have been processed.
Payment Administration Center	Local Dial-A-Ride Transit Vehicles	authorization response	Planned	Notification of status of authorization request.
Payment Administration Center	NAIPTA (dba Mountain Line) Paratransit	payment methods	Planned	A list of valid payment methods.
Payment Administration Center	NAIPTA (dba Mountain Line) Paratransit	reconciliation response	Planned	Response indicating that reconciliation of charges using a smart card have been processed.
Payment Administration Center	NAIPTA (dba Mountain Line) Paratransit Vehicles	authorization response	Planned	Notification of status of authorization request.
Payment Administration Center	NAIPTA (dba Mountain Line) Transit Buses	authorization response	Planned	Notification of status of authorization request.
Payment Administration Center	NAIPTA (dba Mountain Line) Transit Management Center	payment methods	Planned	A list of valid payment methods.
Payment Administration Center	NAIPTA (dba Mountain Line) Transit Management Center	reconciliation response	Planned	Response indicating that reconciliation of charges using a smart card have been processed.
Payment Administration Center	NAIPTA (dba Mountain Line) Website and FLGRide	reconciliation response	Planned	Response indicating that reconciliation of charges using a smart card have been processed.
Payment Administration Center	Personal Information Devices for Travelers	traveler payment request	Planned	Request for information supporting payments. For fee structures that include incentives, the request may support either an account debit or an account credit or reimbursement.
Payment Administration Center	Personal Information Devices for Travelers	user account reports	Planned	Reports on services offered/provided and associated charges.
Payment Administration Center	Private Transit Routing Service Provider	authorization response	Planned	Notification of status of authorization request.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Payment Administration Center	Private Transit Routing Service Provider	traveler payment request	Planned	Request for information supporting payments. For fee structures that include incentives, the request may support either an account debit or an account credit or reimbursement.
Payment Administration Center	Private Transit Routing Service Provider	user account reports	Planned	Reports on services offered/provided and associated charges.
Payment Administration Center	Private Vehicle OBE	user account reports	Planned	Reports on services offered/provided and associated charges.
Payment Administration Center	Public Private Traveler Information	reconciliation response	Planned	Response indicating that reconciliation of charges using a smart card have been processed.
Payment Administration Center	Transit Providers Dispatch (Public and Private)	payment methods	Planned	A list of valid payment methods.
Payment Administration Center	Transit Providers Dispatch (Public and Private)	reconciliation response	Planned	Response indicating that reconciliation of charges using a smart card have been processed.
Payment Administration Center	Transit Providers Vehicles (Public and Private)	authorization response	Planned	Notification of status of authorization request.
Payment Administration Center	Tribal Transit Centers	payment methods	Planned	A list of valid payment methods.
Payment Administration Center	Tribal Transit Centers	reconciliation response	Existing	Response indicating that reconciliation of charges using a smart card have been processed.
Payment Administration Center	Tribal Transit Vehicles	authorization response	Planned	Notification of status of authorization request.
Payment Administration Center	YCAT Buses	authorization response	Planned	Notification of status of authorization request.
Payment Administration Center	YCAT Kiosks	authorization response	Planned	Notification of status of authorization request.
Payment Administration Center	YCAT Transit Passes	authorization response	Planned	Notification of status of authorization request.
Payment Administration Center	YCAT Website	reconciliation response	Planned	Response indicating that reconciliation of charges using a smart card have been processed.
Payment Administration Center	YCAT Website	trip access coordination	Planned	Access token granting the bearer the right to use a given transportation resource; typically used when one payment provider is paid for a trip using multiple travel providers; the token is used by the Traveler to gain access to one or more of the travel provider resource (e.g., a transit ride).
Payment Administration Center	Yuma County Area Transit (YCAT)	payment methods	Planned	A list of valid payment methods.
Payment Administration Center	Yuma County Area Transit (YCAT)	reconciliation response	Planned	Response indicating that reconciliation of charges using a smart card have been processed.
Personal Information Devices for Travelers	ADOT 511 Website	emergency traveler information request	Existing	Request for alerts, evacuation information, and other emergency information provided to the traveling public.
Personal Information Devices for Travelers	ADOT 511 Website	evacuation assistance request	Existing	A request for evacuation assistance, which may be registered in advance or issued during an evacuation. It specifies the location, number of people that need to be evacuated, and any special needs/requirements.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Personal Information Devices for Travelers	ADOT 511 Website	shelter request	Existing	A request for shelter information, recommendations, or assignment/reservation. Information provided may include name, current location, number of people in the group, additional requirements (e.g., evacuating with pets, needed medical support).
Personal Information Devices for Travelers	ADOT 511 Website	traveler request	Existing	A request for traveler information including traffic, transit, toll, parking, road weather conditions, event, and passenger rail information. The request identifies the type of information, the area of interest, parameters that are used to prioritize or filter the returned information, and sorting preferences.
Personal Information Devices for Travelers	ADOT 511 Website	traveler sourced updates	Existing	Traveler posts on traffic and road conditions, parking availability, transit services, traveler services, shelter information, hazards, debris, obstacles, and other real-time crowd-sourced data that may be shared with other travelers.
Personal Information Devices for Travelers	Cities and Towns Transit Dispatch	actuate secure payment	Planned	Initiation of a payment action, ideally based on an encrypted token or biometric marker. Such a payment action could be a simple validation that the secure token allows the user access to the travel resource, or it could be the initiation of a payment transaction.
Personal Information Devices for Travelers	Cities and Towns Transit Dispatch	transit information user request	Planned	Request for special transit routing, real-time schedule information, and availability information.
Personal Information Devices for Travelers	Cities and Towns Transit Dispatch	traveler payment information	Planned	Information provided for payment of road use charges, tolls or parking fees including identification that can be used to identify the payment account or source and related vehicle and service information that are used to determine the type and price of service requested. The information exchange normally supports an account debit to pay fees, but an account credit may be initiated where pricing strategies include incentives.
Personal Information Devices for Travelers	Cities and Towns Transit Dispatch	user account setup	Planned	Billing information, vehicle information (or registration information), and requests for reports. Also includes subsequent account changes.
Personal Information Devices for Travelers	Cities and Towns Transit Vehicles	transit stop request	Planned	Notification that a transit stop has been requested by a transit user at a roadside stop. This flow identifies the route, stop, and the time of the request.
Personal Information Devices for Travelers	Local Dial-A-Ride Transit Dispatchers	transit information user request	Planned	Request for special transit routing, real-time schedule information, and availability information.
Personal Information Devices for Travelers	MC DOT Service Monitoring Sys for Connected Vehicles	personnel device status	Existing	Monitoring of Personnel Device status including current mode, operational status, and configuration settings. It includes device housekeeping/heartbeat monitoring and includes network information, the status of installed applications, and the configuration of managed devices.
Personal Information Devices for Travelers	NAIPTA (dba Mountain Line) Transit Management Center	actuate secure payment	Planned	Initiation of a payment action, ideally based on an encrypted token or biometric marker. Such a payment action could be a simple validation that the secure token allows the user access to the travel resource, or it could be the initiation of a payment transaction.
Personal Information Devices for Travelers	NAIPTA (dba Mountain Line) Transit Management Center	transit information user request	Planned	Request for special transit routing, real-time schedule information, and availability information.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Personal Information Devices for Travelers	NAIPTA (dba Mountain Line) Transit Management Center	traveler payment information	Planned	Information provided for payment of road use charges, tolls or parking fees including identification that can be used to identify the payment account or source and related vehicle and service information that are used to determine the type and price of service requested. The information exchange normally supports an account debit to pay fees, but an account credit may be initiated where pricing strategies include incentives.
Personal Information Devices for Travelers	NAIPTA (dba Mountain Line) Transit Management Center	user account setup	Planned	Billing information, vehicle information (or registration information), and requests for reports. Also includes subsequent account changes.
Personal Information Devices for Travelers	NAIPTA (dba Mountain Line) Website and FLGRide	traveler request	Planned	A request for traveler information including traffic, transit, toll, parking, road weather conditions, event, and passenger rail information. The request identifies the type of information, the area of interest, parameters that are used to prioritize or filter the returned information, and sorting preferences.
Personal Information Devices for Travelers	Payment Administration Center	traveler payment information	Planned	Information provided for payment of road use charges, tolls or parking fees including identification that can be used to identify the payment account or source and related vehicle and service information that are used to determine the type and price of service requested. The information exchange normally supports an account debit to pay fees, but an account credit may be initiated where pricing strategies include incentives.
Personal Information Devices for Travelers	Payment Administration Center	user account setup	Planned	Billing information, vehicle information (or registration information), and requests for reports. Also includes subsequent account changes.
Personal Information Devices for Travelers	Public Private Traveler Information	emergency traveler information request	Planned	Request for alerts, evacuation information, and other emergency information provided to the traveling public.
Personal Information Devices for Travelers	Public Private Traveler Information	evacuation assistance request	Existing	A request for evacuation assistance, which may be registered in advance or issued during an evacuation. It specifies the location, number of people that need to be evacuated, and any special needs/requirements.
Personal Information Devices for Travelers	Public Private Traveler Information	shelter request	Existing	A request for shelter information, recommendations, or assignment/reservation. Information provided may include name, current location, number of people in the group, additional requirements (e.g., evacuating with pets, needed medical support).
Personal Information Devices for Travelers	Public Private Traveler Information	traveler request	Planned	A request for traveler information including traffic, transit, toll, parking, road weather conditions, event, and passenger rail information. The request identifies the type of information, the area of interest, parameters that are used to prioritize or filter the returned information, and sorting preferences.
Personal Information Devices for Travelers	Public Private Traveler Information	traveler sourced updates	Existing	Traveler posts on traffic and road conditions, parking availability, transit services, traveler services, shelter information, hazards, debris, obstacles, and other real-time crowd-sourced data that may be shared with other travelers.
Personal Information Devices for Travelers	Public Private Traveler Information	trip confirmation	Planned	Acknowledgement by the driver/traveler of acceptance of a trip plan with associated personal and payment information required to confirm reservations. Conversely, this flow may also reject the proposed trip plan. Confirmations include the selected route and subsequent trip confirmation messages will be issued for route changes.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Personal Information Devices for Travelers	Public Private Traveler Information	trip request	Planned	Request for trip planning services that identifies the trip origin, destination(s), timing, preferences, and constraints. The request may also include the requestor's location or a request for transit and parking reservations, electric charging station access, and ridesharing options associated with the trip. The trip request also covers requests to revise a previously planned trip and interim updates that are provided as the trip is interactively planned.
Personal Information Devices for Travelers	Public Private Traveler Information	user profile	Planned	Information provided to register for a travel service and create a user account. The provided information includes personal identification, traveler preferences (e.g., travel mode, micro-mobility options, accessibility needs, and assistance needs), priorities for the preferences, device information, a user ID and password, and information to support payment transactions, if applicable.
Personal Information Devices for Travelers	Transit Providers Dispatch (Public and Private)	actuate secure payment	Planned	Initiation of a payment action, ideally based on an encrypted token or biometric marker. Such a payment action could be a simple validation that the secure token allows the user access to the travel resource, or it could be the initiation of a payment transaction.
Personal Information Devices for Travelers	Transit Providers Dispatch (Public and Private)	transit information user request	Planned	Request for special transit routing, real-time schedule information, and availability information.
Personal Information Devices for Travelers	Transit Providers Dispatch (Public and Private)	traveler payment information	Planned	Information provided for payment of road use charges, tolls or parking fees including identification that can be used to identify the payment account or source and related vehicle and service information that are used to determine the type and price of service requested. The information exchange normally supports an account debit to pay fees, but an account credit may be initiated where pricing strategies include incentives.
Personal Information Devices for Travelers	Transit Providers Dispatch (Public and Private)	user account setup	Planned	Billing information, vehicle information (or registration information), and requests for reports. Also includes subsequent account changes.
Personal Information Devices for Travelers	Travelers	traveler interface updates	Existing	Visual or audio information (e.g., routes, messages, guidance, emergency information) that is provided to the traveler.
Personal Information Devices for Travelers	Tribal Transit Centers	traveler payment information	Planned	Information provided for payment of road use charges, tolls or parking fees including identification that can be used to identify the payment account or source and related vehicle and service information that are used to determine the type and price of service requested. The information exchange normally supports an account debit to pay fees, but an account credit may be initiated where pricing strategies include incentives.
Personal Information Devices for Travelers	Tribal Transit Centers	user account setup	Planned	Billing information, vehicle information (or registration information), and requests for reports. Also includes subsequent account changes.
Personal Information Devices for Travelers	Wide Area Alerting Systems	emergency traveler information request	Planned	Request for alerts, evacuation information, and other emergency information provided to the traveling public.
Personal Information Devices for Travelers	Wide Area Alerting Systems	evacuation assistance request	Planned	A request for evacuation assistance, which may be registered in advance or issued during an evacuation. It specifies the location, number of people that need to be evacuated, and any special needs/requirements.
Personal Information Devices for Travelers	Wide Area Alerting Systems	shelter request	Planned	A request for shelter information, recommendations, or assignment/reservation. Information provided may include name, current location, number of people in the group, additional requirements (e.g., evacuating with pets, needed medical support).

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Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Personal Information Devices for Travelers	Wide Area Alerting Systems	traveler sourced updates	Planned	Traveler posts on traffic and road conditions, parking availability, transit services, traveler services, shelter information, hazards, debris, obstacles, and other real-time crowd-sourced data that may be shared with other travelers.
Personal Information Devices for Travelers	YCAT Website	traveler request	Planned	A request for traveler information including traffic, transit, toll, parking, road weather conditions, event, and passenger rail information. The request identifies the type of information, the area of interest, parameters that are used to prioritize or filter the returned information, and sorting preferences.
Personal Information Devices for Travelers	YCAT Website	trip confirmation	Planned	Acknowledgement by the driver/traveler of acceptance of a trip plan with associated personal and payment information required to confirm reservations. Conversely, this flow may also reject the proposed trip plan. Confirmations include the selected route and subsequent trip confirmation messages will be issued for route changes.
Personal Information Devices for Travelers	YCAT Website	trip request	Planned	Request for trip planning services that identifies the trip origin, destination(s), timing, preferences, and constraints. The request may also include the requestor's location or a request for transit and parking reservations, electric charging station access, and ridesharing options associated with the trip. The trip request also covers requests to revise a previously planned trip and interim updates that are provided as the trip is interactively planned.
Personal Information Devices for Travelers	YCAT Website	user profile	Planned	Information provided to register for a travel service and create a user account. The provided information includes personal identification, traveler preferences (e.g., travel mode, micro-mobility options, accessibility needs, and assistance needs), priorities for the preferences, device information, a user ID and password, and information to support payment transactions, if applicable.
Personal Information Devices for Travelers	Yuma County Area Transit (YCAT)	actuate secure payment	Planned	Initiation of a payment action, ideally based on an encrypted token or biometric marker. Such a payment action could be a simple validation that the secure token allows the user access to the travel resource, or it could be the initiation of a payment transaction.
Personal Information Devices for Travelers	Yuma County Area Transit (YCAT)	transit information user request	Planned	Request for special transit routing, real-time schedule information, and availability information.
Personal Information Devices for Travelers	Yuma County Area Transit (YCAT)	traveler payment information	Planned	Information provided for payment of road use charges, tolls or parking fees including identification that can be used to identify the payment account or source and related vehicle and service information that are used to determine the type and price of service requested. The information exchange normally supports an account debit to pay fees, but an account credit may be initiated where pricing strategies include incentives.
Personal Information Devices for Travelers	Yuma County Area Transit (YCAT)	user account setup	Planned	Billing information, vehicle information (or registration information), and requests for reports. Also includes subsequent account changes.
POE Administration Center	ADOT MVD Commercial Vehicle Administration	client verification request	Existing	Request for information such as commercial drivers license information and carrier safety status.
POE Administration Center	ADOT MVD Commercial Vehicle Administration	pre-arrival notification	Existing	Identification of a vehicle or driver that is approaching a border crossing.
POE Administration Center	Commercial Vehicle Driver and Vehicle Verification Systems	border information archive data	Planned	Border inspection activities data. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
POE Administration Center	Commercial Vehicle Driver and Vehicle Verification Systems	client verification request	Existing	Request for information such as commercial drivers license information and carrier safety status.
POE Administration Center	Commercial Vehicle Driver and Vehicle Verification Systems	pre-arrival notification	Existing	Identification of a vehicle or driver that is approaching a border crossing.
POE Administration Center	DEMA Data Archive	border information archive data	Planned	Border inspection activities data. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
POE Administration Center	DPS Data Archive	border information archive data	Planned	Border inspection activities data. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
POE Administration Center	Fleet Management Systems	clearance notification	Existing	Notification that cargo has been cleared through customs.
POE Administration Center	Fleet Management Systems	expedited clearance information	Existing	Includes carrier ID, importer ID, broker ID, conveyance ID, driver ID, service options, and associated information that is used to support expedited border clearance.
POE Administration Center	Fleet Management Systems	expedited clearance status	Existing	Status of expedited clearance registration.
POE Administration Center	Fleet Management Systems	manifest receipt confirmation	Existing	Confirmation that a shippers manifest has been received.
POE Administration Center	Freight Shipping System	clearance notification	Existing	Notification that cargo has been cleared through customs.
POE Administration Center	International Fuel Tax Agreement (IFTA) Clearinghouse	client verification request	Existing	Request for information such as commercial drivers license information and carrier safety status.
POE Administration Center	International Fuel Tax Agreement (IFTA) Clearinghouse	pre-arrival notification	Existing	Identification of a vehicle or driver that is approaching a border crossing.
POE Administration Center	International Registration Plan (IRP) Clearinghouse	clearance notification	Existing	Notification that cargo has been cleared through customs.
POE Administration Center	International Registration Plan (IRP) Clearinghouse	client verification request	Existing	Request for information such as commercial drivers license information and carrier safety status.
POE Administration Center	International Registration Plan (IRP) Clearinghouse	pre-arrival notification	Existing	Identification of a vehicle or driver that is approaching a border crossing.
POE Administration Center	POE Data Archive	border information archive data	Planned	Border inspection activities data. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
POE Administration Center	POE Roadway Inspection Systems	consolidated agency response	Existing	Electronic manifest data as well as commercial vehicle screening results.
POE Administration Center	POE Roadway Inspection Systems	manifest data	Existing	Identifies Port of Entry, date, and information on carrier and goods, origin, etc.
POE Administration Center	POE Roadway Inspection Systems	traveler personal information	Existing	This flow includes biometric and other data to allow recognition of travelers.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
POE Administration Center	Safety Fitness Electronic Record (SAFER)	client verification request	Existing	Request for information such as commercial drivers license information and carrier safety status.
POE Administration Center	Safety Fitness Electronic Record (SAFER)	pre-arrival notification	Existing	Identification of a vehicle or driver that is approaching a border crossing.
POE Administration Center	US VISIT System	traveler personal information	Existing	This flow includes biometric and other data to allow recognition of travelers.
POE Data Archive	ADOT ECD CVO Administration Center	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
POE Data Archive	ADOT ECD Dispatch	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
POE Data Archive	ADOT Motor Vehicle Division (MVD) Database	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
POE Data Archive	ADOT MVD Commercial Vehicle Administration	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
POE Data Archive	Archive Data Users	archive analysis results	Planned	Processed information products, supporting meta data, and any associated transaction information resulting from data mining, analytical processing, aggregation or summarization, report formulation, or other on-line processing and analysis of archived data.
POE Data Archive	Archive Data Users	archive request confirmation	Planned	Confirmation that an archive request has been received and processed with information on the disposition of the request.
POE Data Archive	Archive Data Users	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
POE Data Archive	Commercial Vehicle Driver and Vehicle Verification Systems	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
POE Data Archive	Commercial Vehicle Driver and Vehicle Verification Systems	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
POE Data Archive	DEMA Data Archive	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
POE Data Archive	DEMA SEOC Arizona DEM Military Affairs	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
POE Data Archive	DPS Commercial Vehicle Enforcement	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
POE Data Archive	DPS Data Archive	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
POE Data Archive	International Fuel Tax Agreement (IFTA) Clearinghouse	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
POE Data Archive	International Registration Plan (IRP) Clearinghouse	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
POE Data Archive	Mexico Customs and Border Patrol	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
POE Data Archive	Mexico Public Safety	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
POE Data Archive	POE Administration Center	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
POE Data Archive	POE Data User and ISP Systems	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
POE Data Archive	POE Roadway Inspection Systems	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
POE Data Archive	Safety Fitness Electronic Record (SAFER)	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
POE Data Archive	Tribal Public Safety Dispatch	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
POE Data User and ISP Systems	ADOT HPMS Data Archive	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
POE Data User and ISP Systems	Cities and Towns Data Archive	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
POE Data User and ISP Systems	Commercial Vehicle Driver and Vehicle Verification Systems	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
POE Data User and ISP Systems	DEMA Data Archive	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
POE Data User and ISP Systems	POE Data Archive	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
POE Roadway Inspection Systems	ADOT ECD CVO Administration Center	arrival notification	Planned	Notification of arrival (and departure) of a motor vehicle at the inspection station.
POE Roadway Inspection Systems	ADOT ECD CVO Administration Center	border security input	Planned	Information regarding security related events occurring at the border.
POE Roadway Inspection Systems	ADOT ECD CVO Administration Center	inspection results	Planned	Report of results of border inspection on a particular load.
POE Roadway Inspection Systems	Commercial Vehicle Driver and Vehicle Verification Systems	arrival notification	Existing	Notification of arrival (and departure) of a motor vehicle at the inspection station.
POE Roadway Inspection Systems	Commercial Vehicle Driver and Vehicle Verification Systems	traveler archive data	Planned	Data associated with traveler information services including service requests, facility usage, rideshare, routing, and traveler payment transaction data. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
POE Roadway Inspection Systems	Commercial Vehicles	request tag data	Existing	Request for tag information including tag id and associated data.
POE Roadway Inspection Systems	DPS Commercial Vehicle Enforcement	arrival notification	Planned	Notification of arrival (and departure) of a motor vehicle at the inspection station.
POE Roadway Inspection Systems	Freight Containers	request tag data	Planned	Request for tag information including tag id and associated data.
POE Roadway Inspection Systems	International Fuel Tax Agreement (IFTA) Clearinghouse	arrival notification	Existing	Notification of arrival (and departure) of a motor vehicle at the inspection station.
POE Roadway Inspection Systems	International Registration Plan (IRP) Clearinghouse	arrival notification	Existing	Notification of arrival (and departure) of a motor vehicle at the inspection station.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
POE Roadway Inspection Systems	Mexico Customs and Border Patrol	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
POE Roadway Inspection Systems	POE Administration Center	border security input	Existing	Information regarding security related events occurring at the border.
POE Roadway Inspection Systems	POE Administration Center	inspection results	Existing	Report of results of border inspection on a particular load.
POE Roadway Inspection Systems	POE Data Archive	traveler archive data	Planned	Data associated with traveler information services including service requests, facility usage, rideshare, routing, and traveler payment transaction data. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
POE Roadway Inspection Systems	Public Private Traveler Information	border crossing status information	Existing	Port of entry status including current wait-times, lane configuration and status including closures and restrictions, and notification of incidents at the border
POE Roadway Inspection Systems	Public Private Traveler Information	emergency traveler information	Planned	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
POE Roadway Inspection Systems	Safety Fitness Electronic Record (SAFER)	arrival notification	Planned	Notification of arrival (and departure) of a motor vehicle at the inspection station.
POE Roadway Inspection Systems	Utah State Police Dispatch	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
POE Roadway Inspection Systems	Wide Area Alerting Systems	emergency traveler information	Planned	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
Private Transit Routing Service Provider	Cities and Towns Transit Dispatch	actuate secure payment	Planned	Initiation of a payment action, ideally based on an encrypted token or biometric marker. Such a payment action could be a simple validation that the secure token allows the user access to the travel resource, or it could be the initiation of a payment transaction.
Private Transit Routing Service Provider	Cities and Towns Transit Dispatch	authorization request	Planned	Request to determine if a transportation user is authorized to use a particular transportation resource.
Private Transit Routing Service Provider	Cities and Towns Transit Dispatch	fare collection data	Planned	Fare collection information including the summary of fare system data and financial payment transaction data.
Private Transit Routing Service Provider	Cities and Towns Transit Dispatch	transit information user request	Planned	Request for special transit routing, real-time schedule information, and availability information.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Private Transit Routing Service Provider	Cities and Towns Transit Dispatch	transit stop passenger status	Planned	The number of passengers waiting at a PT stop with optional route and destination information for waiting passengers to allow current demand at each stop to be monitored and factored into current transit service operations and transit performance monitoring. The stop identity is included.
Private Transit Routing Service Provider	Cities and Towns Transit Dispatch	transit traveler request	Planned	Request by a Transit traveler to summon assistance, request transit information, or request any other transit services.
Private Transit Routing Service Provider	Cities and Towns Transit Dispatch	traveler payment information	Planned	Information provided for payment of road use charges, tolls or parking fees including identification that can be used to identify the payment account or source and related vehicle and service information that are used to determine the type and price of service requested. The information exchange normally supports an account debit to pay fees, but an account credit may be initiated where pricing strategies include incentives.
Private Transit Routing Service Provider	Cities and Towns Transit Dispatch	user account setup	Planned	Billing information, vehicle information (or registration information), and requests for reports. Also includes subsequent account changes.
Private Transit Routing Service Provider	Cities and Towns Transit Vehicles	transit stop request	Planned	Notification that a transit stop has been requested by a transit user at a roadside stop. This flow identifies the route, stop, and the time of the request.
Private Transit Routing Service Provider	Local Dial-A-Ride Transit Dispatchers	actuate secure payment	Planned	Initiation of a payment action, ideally based on an encrypted token or biometric marker. Such a payment action could be a simple validation that the secure token allows the user access to the travel resource, or it could be the initiation of a payment transaction.
Private Transit Routing Service Provider	Local Dial-A-Ride Transit Dispatchers	authorization request	Planned	Request to determine if a transportation user is authorized to use a particular transportation resource.
Private Transit Routing Service Provider	Local Dial-A-Ride Transit Dispatchers	fare collection data	Planned	Fare collection information including the summary of fare system data and financial payment transaction data.
Private Transit Routing Service Provider	Local Dial-A-Ride Transit Dispatchers	transit traveler request	Planned	Request by a Transit traveler to summon assistance, request transit information, or request any other transit services.
Private Transit Routing Service Provider	Local Dial-A-Ride Transit Dispatchers	traveler payment information	Planned	Information provided for payment of road use charges, tolls or parking fees including identification that can be used to identify the payment account or source and related vehicle and service information that are used to determine the type and price of service requested. The information exchange normally supports an account debit to pay fees, but an account credit may be initiated where pricing strategies include incentives.
Private Transit Routing Service Provider	Local Dial-A-Ride Transit Dispatchers	user account setup	Planned	Billing information, vehicle information (or registration information), and requests for reports. Also includes subsequent account changes.
Private Transit Routing Service Provider	NAIPTA (dba Mountain Line) Paratransit	fare collection data	Planned	Fare collection information including the summary of fare system data and financial payment transaction data.
Private Transit Routing Service Provider	NAIPTA (dba Mountain Line) Paratransit	traveler payment information	Planned	Information provided for payment of road use charges, tolls or parking fees including identification that can be used to identify the payment account or source and related vehicle and service information that are used to determine the type and price of service requested. The information exchange normally supports an account debit to pay fees, but an account credit may be initiated where pricing strategies include incentives.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Private Transit Routing Service Provider	NAIPTA (dba Mountain Line) Paratransit	user account setup	Planned	Billing information, vehicle information (or registration information), and requests for reports. Also includes subsequent account changes.
Private Transit Routing Service Provider	NAIPTA (dba Mountain Line) Transit Management Center	actuate secure payment	Planned	Initiation of a payment action, ideally based on an encrypted token or biometric marker. Such a payment action could be a simple validation that the secure token allows the user access to the travel resource, or it could be the initiation of a payment transaction.
Private Transit Routing Service Provider	NAIPTA (dba Mountain Line) Transit Management Center	authorization request	Planned	Request to determine if a transportation user is authorized to use a particular transportation resource.
Private Transit Routing Service Provider	NAIPTA (dba Mountain Line) Transit Management Center	fare collection data	Planned	Fare collection information including the summary of fare system data and financial payment transaction data.
Private Transit Routing Service Provider	NAIPTA (dba Mountain Line) Transit Management Center	traveler payment information	Planned	Information provided for payment of road use charges, tolls or parking fees including identification that can be used to identify the payment account or source and related vehicle and service information that are used to determine the type and price of service requested. The information exchange normally supports an account debit to pay fees, but an account credit may be initiated where pricing strategies include incentives.
Private Transit Routing Service Provider	NAIPTA (dba Mountain Line) Transit Management Center	user account setup	Planned	Billing information, vehicle information (or registration information), and requests for reports. Also includes subsequent account changes.
Private Transit Routing Service Provider	NAIPTA (dba Mountain Line) Website and FLGRide	traveler request	Planned	A request for traveler information including traffic, transit, toll, parking, road weather conditions, event, and passenger rail information. The request identifies the type of information, the area of interest, parameters that are used to prioritize or filter the returned information, and sorting preferences.
Private Transit Routing Service Provider	NAIPTA (dba Mountain Line) Website and FLGRide	trip confirmation	Planned	Acknowledgement by the driver/traveler of acceptance of a trip plan with associated personal and payment information required to confirm reservations. Conversely, this flow may also reject the proposed trip plan. Confirmations include the selected route and subsequent trip confirmation messages will be issued for route changes.
Private Transit Routing Service Provider	NAIPTA (dba Mountain Line) Website and FLGRide	trip feedback	Planned	Information provided during or at the conclusion of a trip that supports performance monitoring and system optimization. Information provided may include a record of the trip including HOV/HOT lane usage and user provided feedback at the conclusion of the trip.
Private Transit Routing Service Provider	NAIPTA (dba Mountain Line) Website and FLGRide	trip request	Planned	Request for trip planning services that identifies the trip origin, destination(s), timing, preferences, and constraints. The request may also include the requestor's location or a request for transit and parking reservations, electric charging station access, and ridesharing options associated with the trip. The trip request also covers requests to revise a previously planned trip and interim updates that are provided as the trip is interactively planned.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Private Transit Routing Service Provider	NAIPTA (dba Mountain Line) Website and FLGRide	user profile	Planned	Information provided to register for a travel service and create a user account. The provided information includes personal identification, traveler preferences (e.g., travel mode, micro-mobility options, accessibility needs, and assistance needs), priorities for the preferences, device information, a user ID and password, and information to support payment transactions, if applicable.
Private Transit Routing Service Provider	Payment Administration Center	actuate secure payment	Planned	Initiation of a payment action, ideally based on an encrypted token or biometric marker. Such a payment action could be a simple validation that the secure token allows the user access to the travel resource, or it could be the initiation of a payment transaction.
Private Transit Routing Service Provider	Payment Administration Center	authorization request	Planned	Request to determine if a transportation user is authorized to use a particular transportation resource.
Private Transit Routing Service Provider	Payment Administration Center	payment device token information	Planned	Request for a digital token that can be associated with a credit card number.
Private Transit Routing Service Provider	Payment Administration Center	traveler payment information	Planned	Information provided for payment of road use charges, tolls or parking fees including identification that can be used to identify the payment account or source and related vehicle and service information that are used to determine the type and price of service requested. The information exchange normally supports an account debit to pay fees, but an account credit may be initiated where pricing strategies include incentives.
Private Transit Routing Service Provider	Payment Administration Center	user account setup	Planned	Billing information, vehicle information (or registration information), and requests for reports. Also includes subsequent account changes.
Private Transit Routing Service Provider	Transit Providers Dispatch (Public and Private)	actuate secure payment	Planned	Initiation of a payment action, ideally based on an encrypted token or biometric marker. Such a payment action could be a simple validation that the secure token allows the user access to the travel resource, or it could be the initiation of a payment transaction.
Private Transit Routing Service Provider	Transit Providers Dispatch (Public and Private)	authorization request	Planned	Request to determine if a transportation user is authorized to use a particular transportation resource.
Private Transit Routing Service Provider	Transit Providers Dispatch (Public and Private)	fare collection data	Planned	Fare collection information including the summary of fare system data and financial payment transaction data.
Private Transit Routing Service Provider	Transit Providers Dispatch (Public and Private)	transit information user request	Planned	Request for special transit routing, real-time schedule information, and availability information.
Private Transit Routing Service Provider	Transit Providers Dispatch (Public and Private)	transit traveler request	Planned	Request by a Transit traveler to summon assistance, request transit information, or request any other transit services.
Private Transit Routing Service Provider	Transit Providers Dispatch (Public and Private)	traveler payment information	Planned	Information provided for payment of road use charges, tolls or parking fees including identification that can be used to identify the payment account or source and related vehicle and service information that are used to determine the type and price of service requested. The information exchange normally supports an account debit to pay fees, but an account credit may be initiated where pricing strategies include incentives.
Private Transit Routing Service Provider	Transit Providers Dispatch (Public and Private)	user account setup	Planned	Billing information, vehicle information (or registration information), and requests for reports. Also includes subsequent account changes.
Private Transit Routing Service Provider	Traveler Card-Smartcard	payment device update	Planned	Information updated concerning traveler's personal data including name, address, user account information, trip records, and profile data.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Private Transit Routing Service Provider	Traveler Card-Smartcard	request for payment	Planned	Request to deduct cost of service from user's payment account.
Private Transit Routing Service Provider	Travelers	traveler interface updates	Planned	Visual or audio information (e.g., routes, messages, guidance, emergency information) that is provided to the traveler.
Private Transit Routing Service Provider	Tribal Transit Centers	actuate secure payment	Planned	Initiation of a payment action, ideally based on an encrypted token or biometric marker. Such a payment action could be a simple validation that the secure token allows the user access to the travel resource, or it could be the initiation of a payment transaction.
Private Transit Routing Service Provider	Tribal Transit Centers	authorization request	Planned	Request to determine if a transportation user is authorized to use a particular transportation resource.
Private Transit Routing Service Provider	Tribal Transit Centers	fare collection data	Planned	Fare collection information including the summary of fare system data and financial payment transaction data.
Private Transit Routing Service Provider	Tribal Transit Centers	traveler payment information	Planned	Information provided for payment of road use charges, tolls or parking fees including identification that can be used to identify the payment account or source and related vehicle and service information that are used to determine the type and price of service requested. The information exchange normally supports an account debit to pay fees, but an account credit may be initiated where pricing strategies include incentives.
Private Transit Routing Service Provider	Tribal Transit Centers	user account setup	Planned	Billing information, vehicle information (or registration information), and requests for reports. Also includes subsequent account changes.
Private Transit Routing Service Provider	YCAT Transit Passes	payment device update	Planned	Information updated concerning traveler's personal data including name, address, user account information, trip records, and profile data.
Private Transit Routing Service Provider	YCAT Transit Passes	request for payment	Planned	Request to deduct cost of service from user's payment account.
Private Transit Routing Service Provider	YCAT Website	emergency traveler information request	Planned	Request for alerts, evacuation information, and other emergency information provided to the traveling public.
Private Transit Routing Service Provider	YCAT Website	traveler request	Planned	A request for traveler information including traffic, transit, toll, parking, road weather conditions, event, and passenger rail information. The request identifies the type of information, the area of interest, parameters that are used to prioritize or filter the returned information, and sorting preferences.
Private Transit Routing Service Provider	YCAT Website	trip confirmation	Planned	Acknowledgement by the driver/traveler of acceptance of a trip plan with associated personal and payment information required to confirm reservations. Conversely, this flow may also reject the proposed trip plan. Confirmations include the selected route and subsequent trip confirmation messages will be issued for route changes.
Private Transit Routing Service Provider	YCAT Website	trip feedback	Planned	Information provided during or at the conclusion of a trip that supports performance monitoring and system optimization. Information provided may include a record of the trip including HOV/HOT lane usage and user provided feedback at the conclusion of the trip.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Private Transit Routing Service Provider	YCAT Website	trip request	Planned	Request for trip planning services that identifies the trip origin, destination(s), timing, preferences, and constraints. The request may also include the requestor's location or a request for transit and parking reservations, electric charging station access, and ridesharing options associated with the trip. The trip request also covers requests to revise a previously planned trip and interim updates that are provided as the trip is interactively planned.
Private Transit Routing Service Provider	YCAT Website	user profile	Planned	Information provided to register for a travel service and create a user account. The provided information includes personal identification, traveler preferences (e.g., travel mode, micro-mobility options, accessibility needs, and assistance needs), priorities for the preferences, device information, a user ID and password, and information to support payment transactions, if applicable.
Private Transit Routing Service Provider	Yuma County Area Transit (YCAT)	actuate secure payment	Planned	Initiation of a payment action, ideally based on an encrypted token or biometric marker. Such a payment action could be a simple validation that the secure token allows the user access to the travel resource, or it could be the initiation of a payment transaction.
Private Transit Routing Service Provider	Yuma County Area Transit (YCAT)	authorization request	Planned	Request to determine if a transportation user is authorized to use a particular transportation resource.
Private Transit Routing Service Provider	Yuma County Area Transit (YCAT)	fare collection data	Planned	Fare collection information including the summary of fare system data and financial payment transaction data.
Private Transit Routing Service Provider	Yuma County Area Transit (YCAT)	transit information user request	Planned	Request for special transit routing, real-time schedule information, and availability information.
Private Transit Routing Service Provider	Yuma County Area Transit (YCAT)	transit traveler request	Planned	Request by a Transit traveler to summon assistance, request transit information, or request any other transit services.
Private Transit Routing Service Provider	Yuma County Area Transit (YCAT)	traveler payment information	Planned	Information provided for payment of road use charges, tolls or parking fees including identification that can be used to identify the payment account or source and related vehicle and service information that are used to determine the type and price of service requested. The information exchange normally supports an account debit to pay fees, but an account credit may be initiated where pricing strategies include incentives.
Private Transit Routing Service Provider	Yuma County Area Transit (YCAT)	user account setup	Planned	Billing information, vehicle information (or registration information), and requests for reports. Also includes subsequent account changes.
Private Vehicle OBE	ADOT CV Roadside Equipment	vehicle location and motion for surveillance	Planned	Data describing the vehicle's location in three dimensions, heading, speed, acceleration, braking status, and size. This flow represents monitoring of basic safety data ('vehicle location and motion') broadcast by passing connected vehicles for use in vehicle detection and traffic monitoring applications.
Private Vehicle OBE	Basic Private Vehicle	vehicle control	Planned	Control commands issued to vehicle actuators that control steering, throttle, and braking and other related commands that support safe transition between manual and automated vehicle control. This flow can also deploy restraints and other safety systems when a collision is unavoidable.
Private Vehicle OBE	Electric Vehicle Charging Stations	actuate secure payment	Planned	Initiation of a payment action, ideally based on an encrypted token or biometric marker. Such a payment action could be a simple validation that the secure token allows the user access to the travel resource, or it could be the initiation of a payment transaction.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Private Vehicle OBE	Electric Vehicle Charging Stations	vehicle charging profile	Planned	Vehicle information provided to an electric charging station including the operational status of the electrical system, the charging capacity for the vehicle, and % charge complete.
Private Vehicle OBE	Public Private Traveler Information	emergency traveler information request	Planned	Request for alerts, evacuation information, and other emergency information provided to the traveling public.
Private Vehicle OBE	Public Private Traveler Information	evacuation assistance request	Planned	A request for evacuation assistance, which may be registered in advance or issued during an evacuation. It specifies the location, number of people that need to be evacuated, and any special needs/requirements.
Private Vehicle OBE	Public Private Traveler Information	shelter request	Planned	A request for shelter information, recommendations, or assignment/reservation. Information provided may include name, current location, number of people in the group, additional requirements (e.g., evacuating with pets, needed medical support).
Private Vehicle OBE	Public Private Traveler Information	traveler request	Planned	A request for traveler information including traffic, transit, toll, parking, road weather conditions, event, and passenger rail information. The request identifies the type of information, the area of interest, parameters that are used to prioritize or filter the returned information, and sorting preferences.
Private Vehicle OBE	Public Private Traveler Information	traveler sourced updates	Planned	Traveler posts on traffic and road conditions, parking availability, transit services, traveler services, shelter information, hazards, debris, obstacles, and other real-time crowd-sourced data that may be shared with other travelers.
Private Vehicle OBE	Wide Area Alerting Systems	emergency traveler information request	Planned	Request for alerts, evacuation information, and other emergency information provided to the traveling public.
Private Vehicle OBE	Wide Area Alerting Systems	evacuation assistance request	Planned	A request for evacuation assistance, which may be registered in advance or issued during an evacuation. It specifies the location, number of people that need to be evacuated, and any special needs/requirements.
Private Vehicle OBE	Wide Area Alerting Systems	shelter request	Planned	A request for shelter information, recommendations, or assignment/reservation. Information provided may include name, current location, number of people in the group, additional requirements (e.g., evacuating with pets, needed medical support).
Private Vehicle OBE	Wide Area Alerting Systems	traveler sourced updates	Planned	Traveler posts on traffic and road conditions, parking availability, transit services, traveler services, shelter information, hazards, debris, obstacles, and other real-time crowd-sourced data that may be shared with other travelers.
Public Private Traveler Information	ADOT 511 IVR	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
Public Private Traveler Information	ADOT 511 Website	alternate mode information	Planned	Schedule information for alternate mode transportation providers such as air, ferry, and passenger-carrying heavy rail. This also includes details of incidents and other service disruptions that have occurred in the alternative mode. This also includes measures of service demand that supports assessment of their impact on the road network.

Information Flows – Tabular Format (sorted by Source Element)

RAD-IT Table

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Public Private Traveler Information	ADOT 511 Website	emergency traveler information	Planned	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
Public Private Traveler Information	ADOT 511 Website	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
Public Private Traveler Information	ADOT 511 Website	parking information	Existing	General parking information and status, including current parking availability, parking pricing, and parking space availability information, including features like number and type of electric charging spots.
Public Private Traveler Information	ADOT 511 Website	road network conditions	Existing	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
Public Private Traveler Information	ADOT 511 Website	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
Public Private Traveler Information	ADOT 511 Website	transit service information	Planned	Transit service information including routes, schedules, and fare information as well as dynamic transit schedule adherence and transit vehicle location information.
Public Private Traveler Information	ADOT AZ 511 App	traveler information for media	Existing	General traveler information regarding incidents, unusual traffic conditions, transit issues, or other advisory information that has been desensitized and provided to the media.
Public Private Traveler Information	ADOT DEOC-Dept EM Ops Center	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Public Private Traveler Information	ADOT ECD Dispatch	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Public Private Traveler Information	ADOT TOC and EMC	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Public Private Traveler Information	ADOT TOC and EMC	fare and price information	Planned	Current transit, parking, and toll fee schedule information.
Public Private Traveler Information	ATTP Tribal Coordination Website	emergency traveler information	Planned	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
Public Private Traveler Information	AZTech RADS Data Archive	fare and price information	Planned	Current transit, parking, and toll fee schedule information.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Public Private Traveler Information	AZTech Regional Info System (ARIS)	emergency traveler information	Existing	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
Public Private Traveler Information	CBP Website	emergency traveler information	Existing	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
Public Private Traveler Information	Cities and Towns Public Works	road network environmental situation data	Planned	Aggregated environmental situation data collected from vehicles and other sources for the road network. Aggregated information would include measured air temperature, exterior light status, wiper status, sun sensor status, rain sensor status, traction control status, ALB status, and other collected vehicle system status and sensor information for the region.
Public Private Traveler Information	Cities and Towns TIC and Website	emergency traveler information	Existing	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
Public Private Traveler Information	Cities and Towns TMC-TOC	fare and price information	Planned	Current transit, parking, and toll fee schedule information.
Public Private Traveler Information	Cities and Towns TMC-TOC	logged vehicle routes	Planned	Anticipated route information for guided vehicles, special vehicles (e.g., oversized vehicles) or groups of vehicles (e.g., governor's motorcade) that may require changes in traffic control strategy.
Public Private Traveler Information	Cities and Towns Transit Dispatch	demand responsive transit request	Planned	Request for paratransit support.
Public Private Traveler Information	Cities and Towns Transit Dispatch	transit fare request	Planned	Request for fare information and transit fare payment.
Public Private Traveler Information	Cities and Towns Transit Dispatch	transit trip request	Planned	Request for a transit trip plan that is responsive to traveler requirements such as schedule, cost, or duration.
Public Private Traveler Information	Cities and Towns Transit Dispatch	trip confirmation	Planned	Acknowledgement by the driver/traveler of acceptance of a trip plan with associated personal and payment information required to confirm reservations. Conversely, this flow may also reject the proposed trip plan. Confirmations include the selected route and subsequent trip confirmation messages will be issued for route changes.
Public Private Traveler Information	County Mobile App	traveler information for media	Planned	General traveler information regarding incidents, unusual traffic conditions, transit issues, or other advisory information that has been desensitized and provided to the media.
Public Private Traveler Information	County TMC-TOC	fare and price information	Planned	Current transit, parking, and toll fee schedule information.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Public Private Traveler Information	County TMC-TOC	logged vehicle routes	Planned	Anticipated route information for guided vehicles, special vehicles (e.g., oversized vehicles) or groups of vehicles (e.g., governor's motorcade) that may require changes in traffic control strategy.
Public Private Traveler Information	DPS Central Communications Center	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Public Private Traveler Information	Fleet Management Systems	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
Public Private Traveler Information	Fleet Management Systems	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
Public Private Traveler Information	Local Dial-A-Ride Transit Dispatchers	demand responsive transit request	Planned	Request for paratransit support.
Public Private Traveler Information	Local Dial-A-Ride Transit Dispatchers	transit fare request	Planned	Request for fare information and transit fare payment.
Public Private Traveler Information	Local Dial-A-Ride Transit Dispatchers	transit trip request	Planned	Request for a transit trip plan that is responsive to traveler requirements such as schedule, cost, or duration.
Public Private Traveler Information	Local Dial-A-Ride Transit Dispatchers	trip confirmation	Planned	Acknowledgement by the driver/traveler of acceptance of a trip plan with associated personal and payment information required to confirm reservations. Conversely, this flow may also reject the proposed trip plan. Confirmations include the selected route and subsequent trip confirmation messages will be issued for route changes.
Public Private Traveler Information	Maricopa County EOC	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Public Private Traveler Information	Mexico Customs and Border Patrol	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Public Private Traveler Information	Mexico Public Safety	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Public Private Traveler Information	MPO-COG Planning Traffic Database	traveler archive data	Planned	Data associated with traveler information services including service requests, facility usage, rideshare, routing, and traveler payment transaction data. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
Public Private Traveler Information	NAIPTA (dba Mountain Line) Bus Arrival System	broadcast traveler information	Planned	General traveler information that contains traffic and road conditions, link travel times, incidents, advisories, restrictions, vehicle requirements, work zones, transit service information, weather information, parking information, and other related traveler information.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Public Private Traveler Information	NAIPTA (dba Mountain Line) Bus Arrival System	interactive traveler information	Planned	Traveler information provided in response to a traveler request. The provided information includes traffic and road conditions, advisories, incidents, restrictions, payment information, transit services, parking information, weather information, and other travel-related data updates and confirmations.
Public Private Traveler Information	NAIPTA (dba Mountain Line) Bus Arrival System	trip plan	Planned	A travel itinerary covering single or multimodal travel. The itinerary identifies a route and associated traveler information and instructions identifying recommended trip modes (including indoor and outdoor wayfinding) and transfer information, ride sharing options, and transit and parking reservation information. This flow also includes intermediate information that is provided as the trip plan is interactively created, including identification of alternatives, requests for additional information as well as amenities along the trip.
Public Private Traveler Information	NAIPTA (dba Mountain Line) Transit Data Archive	traveler archive data	Planned	Data associated with traveler information services including service requests, facility usage, rideshare, routing, and traveler payment transaction data. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
Public Private Traveler Information	NAIPTA (dba Mountain Line) Website and FLGRide	emergency traveler information	Planned	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
Public Private Traveler Information	NAIPTA (dba Mountain Line) Website and FLGRide	transit service information	Planned	Transit service information including routes, schedules, and fare information as well as dynamic transit schedule adherence and transit vehicle location information.
Public Private Traveler Information	Nevada State Police Dispatch	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Public Private Traveler Information	New Mexico State Police Dispatch	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Public Private Traveler Information	Payment Administration Center	account updates	Planned	Updates to an account, such as purchases, uses, cancellation, secureID changes or similar material changes to account information.
Public Private Traveler Information	Payment Administration Center	smart card reconciliation	Planned	Detailed list of charges of the form charge/transport provider, taken from a smart card that need to be applied to the listed providers.
Public Private Traveler Information	Personal Information Devices for Travelers	broadcast traveler information	Planned	General traveler information that contains traffic and road conditions, link travel times, incidents, advisories, restrictions, vehicle requirements, work zones, transit service information, weather information, parking information, and other related traveler information.
Public Private Traveler Information	Personal Information Devices for Travelers	emergency traveler information	Planned	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Public Private Traveler Information	Personal Information Devices for Travelers	evacuation assistance information	Existing	Information on evacuation resources including self-evacuation options, anticipated pickup time and location if a transportation asset is to be deployed, destination shelter, and supporting information on what to bring, estimated reentry date/time.
Public Private Traveler Information	Personal Information Devices for Travelers	interactive traveler information	Planned	Traveler information provided in response to a traveler request. The provided information includes traffic and road conditions, advisories, incidents, restrictions, payment information, transit services, parking information, weather information, and other travel-related data updates and confirmations.
Public Private Traveler Information	Personal Information Devices for Travelers	shelter recommendations	Existing	Recommendation identifying the shelter or shelters best suited to the requestor. Hotels/motels may also be included as potential sheltering options. This flow may also include shelter assignments/reservations.
Public Private Traveler Information	Personal Information Devices for Travelers	traveler alerts	Planned	Traveler information alerts reporting congestion, incidents, adverse road or weather conditions, restrictions, vehicle requirements, parking availability, transit service delays or interruptions, and other information that may impact the traveler. Relevant alerts are provided based on traveler-supplied profile information including trip characteristics and preferences.
Public Private Traveler Information	Personal Information Devices for Travelers	trip plan	Planned	A travel itinerary covering single or multimodal travel. The itinerary identifies a route and associated traveler information and instructions identifying recommended trip modes (including indoor and outdoor wayfinding) and transfer information, ride sharing options, and transit and parking reservation information. This flow also includes intermediate information that is provided as the trip plan is interactively created, including identification of alternatives, requests for additional information as well as amenities along the trip.
Public Private Traveler Information	POE Roadway Inspection Systems	emergency traveler information	Planned	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
Public Private Traveler Information	Private Vehicle OBE	emergency traveler information	Planned	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
Public Private Traveler Information	Private Vehicle OBE	evacuation assistance information	Planned	Information on evacuation resources including self-evacuation options, anticipated pickup time and location if a transportation asset is to be deployed, destination shelter, and supporting information on what to bring, estimated reentry date/time.
Public Private Traveler Information	Private Vehicle OBE	interactive traveler information	Planned	Traveler information provided in response to a traveler request. The provided information includes traffic and road conditions, advisories, incidents, restrictions, payment information, transit services, parking information, weather information, and other travel-related data updates and confirmations.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Public Private Traveler Information	Private Vehicle OBE	shelter recommendations	Planned	Recommendation identifying the shelter or shelters best suited to the requestor. Hotels/motels may also be included as potential sheltering options. This flow may also include shelter assignments/reservations.
Public Private Traveler Information	Transit Providers Dispatch (Public and Private)	transit fare request	Planned	Request for fare information and transit fare payment.
Public Private Traveler Information	Transit Providers Dispatch (Public and Private)	trip confirmation	Planned	Acknowledgement by the driver/traveler of acceptance of a trip plan with associated personal and payment information required to confirm reservations. Conversely, this flow may also reject the proposed trip plan. Confirmations include the selected route and subsequent trip confirmation messages will be issued for route changes.
Public Private Traveler Information	Tribal Public Safety Dispatch	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Public Private Traveler Information	Tribal TMC-TOC-TIC	emergency traveler information	Planned	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
Public Private Traveler Information	Tribal Transit Centers	demand responsive transit request	Planned	Request for paratransit support.
Public Private Traveler Information	Tribal Transit Centers	transit fare request	Planned	Request for fare information and transit fare payment.
Public Private Traveler Information	Tribal Transit Centers	transit trip request	Planned	Request for a transit trip plan that is responsive to traveler requirements such as schedule, cost, or duration.
Public Private Traveler Information	Tribal Transit Centers	trip confirmation	Planned	Acknowledgement by the driver/traveler of acceptance of a trip plan with associated personal and payment information required to confirm reservations. Conversely, this flow may also reject the proposed trip plan. Confirmations include the selected route and subsequent trip confirmation messages will be issued for route changes.
Public Private Traveler Information	Utah State Police Dispatch	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Public Private Traveler Information	Wide Area Alerting Systems	emergency traveler information	Planned	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Public Private Traveler Information	YCAT Website	emergency traveler information	Planned	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
Public Private Traveler Information	YCAT Website	transit service information	Planned	Transit service information including routes, schedules, and fare information as well as dynamic transit schedule adherence and transit vehicle location information.
Public Private Traveler Information	Yuma County Area Transit (YCAT)	demand responsive transit request	Existing	Request for paratransit support.
Public Private Traveler Information	Yuma County Area Transit (YCAT)	transit fare request	Planned	Request for fare information and transit fare payment.
Public Private Traveler Information	Yuma County Area Transit (YCAT)	transit trip request	Planned	Request for a transit trip plan that is responsive to traveler requirements such as schedule, cost, or duration.
Public Private Traveler Information	Yuma County Area Transit (YCAT)	trip confirmation	Existing	Acknowledgement by the driver/traveler of acceptance of a trip plan with associated personal and payment information required to confirm reservations. Conversely, this flow may also reject the proposed trip plan. Confirmations include the selected route and subsequent trip confirmation messages will be issued for route changes.
Rail Grade Wayside Warning Systems	ADOT ITS Field Equipment	track status	Existing	Current status of the wayside equipment and notification of an arriving train.
Rail Grade Wayside Warning Systems	ADOT Roadside Comm Equipment	barrier system coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control barrier systems that are represented by gates, barriers and other automated or remotely controlled systems used to manage entry to roadways. Current operating status of barrier systems is also shared including operating condition and current operational state.
Rail Grade Wayside Warning Systems	ADOT Roadside Comm Equipment	dynamic sign coordination	Existing	The direct flow of information between field equipment. This includes information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support local management of these devices. Current operating status of dynamic message signs is returned.
Rail Grade Wayside Warning Systems	ADOT Roadside Comm Equipment	environmental sensor coordination	Existing	The direct flow of information between field equipment. This includes configuration and control of environmental sensors and the current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Rail Grade Wayside Warning Systems	ADOT Roadside Comm Equipment	lane management coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control dynamic lane management systems and the status of managed lanes including current operational state, violations, and logged information. This also includes lane usage information including both traditional traffic flow measures and special information associated with managed lanes such as measured passenger occupancies. It also includes the operational status of the lane management equipment.
Rail Grade Wayside Warning Systems	ADOT Roadside Comm Equipment	local priority request coordination	Existing	The direct flow of information between field equipment. This includes notification of crossing calls from pedestrians and other vulnerable road users and requests for signal prioritization or preemption, and any other request for right-of-way at an intersection. The status of the priority request is also shared. For vulnerable road users, this includes information provided to guide and warn vulnerable road users at crossings including crossing permission status and crossing time remaining.
Rail Grade Wayside Warning Systems	ADOT Roadside Comm Equipment	passive vehicle monitoring coordination	Planned	The direct flow of information between field equipment. This includes control commands used to control detection systems that rely on infrastructure-based identification of individual vehicles to measure travel times and other related measures by identifying the same vehicle at different points in the network. Related technologies include Bluetooth readers and license plate recognition systems. The coordination also includes sharing of time stamped identifiers that identify the vehicles that have passed through a detection zone.
Rail Grade Wayside Warning Systems	ADOT Roadside Comm Equipment	rail crossing operational status	Existing	Status of the highway-rail grade crossing equipment including both the current state or mode of operation and the current equipment condition.
Rail Grade Wayside Warning Systems	ADOT Roadside Comm Equipment	reversible lane coordination	Planned	The direct flow of information between field equipment. This includes control of automated reversible lane configuration and driver information systems and current reversible lane status including the operational status and mode of the reversible lane control equipment.
Rail Grade Wayside Warning Systems	ADOT Roadside Comm Equipment	roadway treatment coordination	Existing	The direct flow of information between field equipment. This includes control data for remotely located, automated devices, that treat the road surface (e.g., de-icing applications) and the current operational status of automated roadway treatment devices.
Rail Grade Wayside Warning Systems	ADOT Roadside Comm Equipment	roadway warning coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control roadway warning systems and the current operating status of roadway warning systems.
Rail Grade Wayside Warning Systems	ADOT Roadside Comm Equipment	signal control coordination	Existing	The direct flow of information between field equipment. This includes configuration and control of traffic signal controllers or field masters. Configuration data and operational status of traffic signal control equipment including operating condition and current indications are returned.
Rail Grade Wayside Warning Systems	ADOT Roadside Comm Equipment	track status	Existing	Current status of the wayside equipment and notification of an arriving train.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Rail Grade Wayside Warning Systems	ADOT Roadside Comm Equipment	traffic detector coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control traffic detector systems such as inductive loop detectors and machine vision sensors. Raw and/or processed traffic detector data is returned that allows derivation of traffic flow variables (e.g., speed, volume, and density measures) and associated information (e.g., congestion, potential incidents). This flow includes the traffic data and the operational status of the traffic detectors.
Rail Grade Wayside Warning Systems	ADOT Roadside Comm Equipment	traffic metering coordination	Existing	The direct flow of information between field equipment. This includes control commands and operating parameters for ramp meters, interchange meters, mainline meters, and other systems equipment associated with roadway metering operations. Current operational status of the traffic metering status is also provided.
Rail Grade Wayside Warning Systems	ADOT Roadside Comm Equipment	variable speed limit coordination	Existing	The direct flow of information between field equipment. This includes information used to configure, control, and monitor variable speed limit systems including the equipment used to provide current speed limits and other information to drivers.
Rail Grade Wayside Warning Systems	ADOT Roadside Comm Equipment	video surveillance coordination	Existing	The direct flow of information between field equipment. This includes information used to configure and control video surveillance systems and the high fidelity, real-time traffic images and associated meta data that are returned.
Rail Grade Wayside Warning Systems	Cities and Towns TMC-TOC	rail crossing status	Planned	Status of the highway-rail intersection equipment including both the current state or mode of operation and the current equipment condition.
Rail Grade Wayside Warning Systems	Cities and Towns Train Wayside Alert	rail crossing operational status	Planned	Status of the highway-rail grade crossing equipment including both the current state or mode of operation and the current equipment condition.
Rail Grade Wayside Warning Systems	County ITS Field Equipment	track status	Planned	Current status of the wayside equipment and notification of an arriving train.
Rail Grade Wayside Warning Systems	Tribal ITS Field Equipment	track status	Planned	Current status of the wayside equipment and notification of an arriving train.
Railroad Operations Center	ADOT DEOC-Dept EM Ops Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Railroad Operations Center	ADOT DEOC-Dept EM Ops Center	rail incident response status	Planned	Status of the rail system's response to current incidents.
Railroad Operations Center	ADOT HazMat Response Team	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Railroad Operations Center	ADOT Rapid Notification System	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Railroad Operations Center	ADOT TOC and EMC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Railroad Operations Center	Cities and Towns EOC-EMC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Railroad Operations Center	Cities and Towns Police and Fire Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Railroad Operations Center	County EMC-EOC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Railroad Operations Center	County Sheriff Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Railroad Operations Center	DEMA SEOC Arizona DEM Military Affairs	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Railroad Operations Center	DPS Central Communications Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Railroad Operations Center	DPS HazMat Team	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Information Flows – Tabular Format (sorted by Source Element)

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Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Railroad Operations Center	Maricopa County EOC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Railroad Operations Center	Tribal Public Safety Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Railroad Operations Center	US Border Patrol Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Safety Fitness Electronic Record (SAFER)	ADOT ECD CVO Administration Center	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	ADOT ECD CVO Administration Center	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	ADOT ECD CVO Administration Center	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	ADOT ECD CVO Administration Center	targeted list	Existing	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.
Safety Fitness Electronic Record (SAFER)	ADOT ECD Dispatch	credentials information	Planned	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	ADOT Electronic Bypass Stations	commercial vehicle permit information	Existing	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Safety Fitness Electronic Record (SAFER)	ADOT Electronic Bypass Stations	credentials information	Planned	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	ADOT Electronic Bypass Stations	credentials status information	Planned	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	ADOT Electronic Bypass Stations	cv driver record	Planned	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	ADOT Electronic Bypass Stations	information on violators	Existing	Information on violators provided by a law enforcement agency. May include information about commercial vehicle violations or other kinds of violations associated with the particular entity. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	ADOT Electronic Bypass Stations	safety status information	Planned	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	ADOT Electronic Bypass Stations	targeted list	Planned	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.
Safety Fitness Electronic Record (SAFER)	ADOT Motor Vehicle Division (MVD) Database	commercial vehicle archive data	Planned	Information describing commercial vehicle travel and commodity flow characteristics. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
Safety Fitness Electronic Record (SAFER)	ADOT MVD Commercial Vehicle Administration	border clearance status	Planned	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.
Safety Fitness Electronic Record (SAFER)	ADOT MVD Commercial Vehicle Administration	commercial vehicle permit information	Planned	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	ADOT MVD Commercial Vehicle Administration	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Safety Fitness Electronic Record (SAFER)	ADOT MVD Commercial Vehicle Administration	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	ADOT MVD Commercial Vehicle Administration	safety inspection report	Existing	Report containing results of commercial vehicle safety inspection. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	ADOT MVD Commercial Vehicle Administration	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	ADOT MVD Commercial Vehicle Administration	targeted list	Existing	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.
Safety Fitness Electronic Record (SAFER)	ADOT MVD Commercial Vehicle Administration	trigger area definition	Planned	Information that defines the desired trigger area for wireless roadside inspection safety data message submission.
Safety Fitness Electronic Record (SAFER)	ADOT MVD Commercial Vehicle Administration	trigger control	Planned	Controls to enable or disable a particular trigger.
Safety Fitness Electronic Record (SAFER)	ADOT WIM Stations	commercial vehicle permit information	Existing	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	ADOT WIM Stations	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	ADOT WIM Stations	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	ADOT WIM Stations	cv driver record	Existing	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Safety Fitness Electronic Record (SAFER)	ADOT WIM Stations	information on violators	Existing	Information on violators provided by a law enforcement agency. May include information about commercial vehicle violations or other kinds of violations associated with the particular entity. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	ADOT WIM Stations	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	ADOT WIM Stations	targeted list	Existing	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.
Safety Fitness Electronic Record (SAFER)	Commercial Vehicle Driver and Vehicle Verification Systems	border clearance status	Existing	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.
Safety Fitness Electronic Record (SAFER)	Commercial Vehicle Driver and Vehicle Verification Systems	commercial vehicle archive data	Existing	Information describing commercial vehicle travel and commodity flow characteristics. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
Safety Fitness Electronic Record (SAFER)	Commercial Vehicle Driver and Vehicle Verification Systems	commercial vehicle permit information	Planned	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	Commercial Vehicle Driver and Vehicle Verification Systems	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	Commercial Vehicle Driver and Vehicle Verification Systems	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	Commercial Vehicle Driver and Vehicle Verification Systems	safety inspection report	Existing	Report containing results of commercial vehicle safety inspection. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Safety Fitness Electronic Record (SAFER)	Commercial Vehicle Driver and Vehicle Verification Systems	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	Commercial Vehicle Driver and Vehicle Verification Systems	targeted list	Existing	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.
Safety Fitness Electronic Record (SAFER)	Commercial Vehicle Driver and Vehicle Verification Systems	trigger area definition	Planned	Information that defines the desired trigger area for wireless roadside inspection safety data message submission.
Safety Fitness Electronic Record (SAFER)	Commercial Vehicle Driver and Vehicle Verification Systems	trigger control	Planned	Controls to enable or disable a particular trigger.
Safety Fitness Electronic Record (SAFER)	Commercial Vehicles	safety inspection record	Planned	Record containing results of commercial vehicle safety inspection.
Safety Fitness Electronic Record (SAFER)	DEMA Enforcement	accident report	Existing	Report of commercial vehicle safety accident. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	DEMA Enforcement	citation	Existing	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	DEMA Enforcement	commercial vehicle permit information	Existing	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	DEMA Enforcement	commercial vehicle violation notification	Existing	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Safety Fitness Electronic Record (SAFER)	DEMA Enforcement	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	DEMA Enforcement	daily site activity data	Existing	Record of daily activities at commercial vehicle check stations including summaries of screening events and inspections.
Safety Fitness Electronic Record (SAFER)	DEMA Enforcement	safety inspection report	Existing	Report containing results of commercial vehicle safety inspection. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	DEMA Enforcement	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	DPS Commercial Vehicle Enforcement	accident report	Existing	Report of commercial vehicle safety accident. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	DPS Commercial Vehicle Enforcement	citation	Existing	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	DPS Commercial Vehicle Enforcement	commercial vehicle permit information	Existing	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	DPS Commercial Vehicle Enforcement	commercial vehicle violation notification	Existing	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.
Safety Fitness Electronic Record (SAFER)	DPS Commercial Vehicle Enforcement	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Safety Fitness Electronic Record (SAFER)	DPS Commercial Vehicle Enforcement	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	DPS Commercial Vehicle Enforcement	daily site activity data	Existing	Record of daily activities at commercial vehicle check stations including summaries of screening events and inspections.
Safety Fitness Electronic Record (SAFER)	DPS Commercial Vehicle Enforcement	safety inspection report	Existing	Report containing results of commercial vehicle safety inspection. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	DPS Commercial Vehicle Enforcement	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	DPS Commercial Vehicle Enforcement	targeted list	Existing	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.
Safety Fitness Electronic Record (SAFER)	DPS Commercial Vehicle Enforcement	trigger area definition	Planned	Information that defines the desired trigger area for wireless roadside inspection safety data message submission.
Safety Fitness Electronic Record (SAFER)	DPS Commercial Vehicle Enforcement	trigger control	Planned	Controls to enable or disable a particular trigger.
Safety Fitness Electronic Record (SAFER)	DPS Data Archive	commercial vehicle archive data	Existing	Information describing commercial vehicle travel and commodity flow characteristics. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
Safety Fitness Electronic Record (SAFER)	DPS Roadside Safety Inspection	accident report	Existing	Report of commercial vehicle safety accident. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	DPS Roadside Safety Inspection	carrier participation report	Existing	Report that summarizes motor carrier participation in CVO programs. Used to identify the level of active participation and to report which enrolled carriers are not participating as expected.
Safety Fitness Electronic Record (SAFER)	DPS Roadside Safety Inspection	citation	Existing	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Safety Fitness Electronic Record (SAFER)	DPS Roadside Safety Inspection	commercial vehicle permit information	Existing	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	DPS Roadside Safety Inspection	commercial vehicle violation notification	Existing	Notification of a violation. The violation notification flow describes the statute or regulation that was violated and how it was violated (e. g., overweight on specific axle by xxx pounds or which brake was out of adjustment and how far out of adjustment it was). A violation differs from a citation because it is not adjudicated by the courts. It specifically includes the date/time and location of the violation and identification of the vehicle, driver, and associated equipment/cargo.
Safety Fitness Electronic Record (SAFER)	DPS Roadside Safety Inspection	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	DPS Roadside Safety Inspection	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	DPS Roadside Safety Inspection	cv driver record	Existing	Information typically maintained by a state driver licensing agency about a driver of a commercial vehicle including driver identification data, license data, permit data, and driving history details. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	DPS Roadside Safety Inspection	daily site activity data	Existing	Record of daily activities at commercial vehicle check stations including summaries of screening events and inspections.
Safety Fitness Electronic Record (SAFER)	DPS Roadside Safety Inspection	information on violators	Existing	Information on violators provided by a law enforcement agency. May include information about commercial vehicle violations or other kinds of violations associated with the particular entity. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	DPS Roadside Safety Inspection	safety inspection report	Existing	Report containing results of commercial vehicle safety inspection. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	DPS Roadside Safety Inspection	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	DPS Roadside Safety Inspection	targeted list	Existing	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Safety Fitness Electronic Record (SAFER)	Fleet Management Systems	border clearance status	Planned	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.
Safety Fitness Electronic Record (SAFER)	Fleet Management Systems	citation	Planned	Report of commercial vehicle citation. The citation includes references to the statute(s) that was (were) violated. It includes information on the violator and the officer issuing the citation. A citation differs from a violation because it is adjudicated by the courts. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	Fleet Management Systems	trigger area	Planned	A geographic area a commercial motor vehicle crosses into, which initiates a request to compile and transmit a safety data message. May be associated with a time period.
Safety Fitness Electronic Record (SAFER)	Fleet Management Systems	trigger area notification	Planned	Notification to activate wireless roadside inspection safety data message collection.
Safety Fitness Electronic Record (SAFER)	Freight Shipping System	border clearance status	Planned	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.
Safety Fitness Electronic Record (SAFER)	International Fuel Tax Agreement (IFTA) Clearinghouse	commercial vehicle permit information	Planned	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	International Fuel Tax Agreement (IFTA) Clearinghouse	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	International Fuel Tax Agreement (IFTA) Clearinghouse	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	International Fuel Tax Agreement (IFTA) Clearinghouse	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	International Fuel Tax Agreement (IFTA) Clearinghouse	targeted list	Existing	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Safety Fitness Electronic Record (SAFER)	International Fuel Tax Agreement (IFTA) Clearinghouse	trigger area definition	Planned	Information that defines the desired trigger area for wireless roadside inspection safety data message submission.
Safety Fitness Electronic Record (SAFER)	International Fuel Tax Agreement (IFTA) Clearinghouse	trigger control	Planned	Controls to enable or disable a particular trigger.
Safety Fitness Electronic Record (SAFER)	International Registration Plan (IRP) Clearinghouse	border clearance status	Existing	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.
Safety Fitness Electronic Record (SAFER)	International Registration Plan (IRP) Clearinghouse	commercial vehicle permit information	Planned	Information for commercial vehicle permits for oversize, overweight, or for dangerous goods. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	International Registration Plan (IRP) Clearinghouse	credentials information	Existing	Response containing full vehicle fuel tax and registration credentials information. "Response" may be provided in reaction to a real-time query or a standing request for updated information. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	International Registration Plan (IRP) Clearinghouse	credentials status information	Existing	Credentials information such as registration, licensing, insurance, check flags, and electronic screening enrollment data. A unique identifier is included. Corresponds to the credentials portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	International Registration Plan (IRP) Clearinghouse	safety inspection report	Existing	Report containing results of commercial vehicle safety inspection. The information may be provided as a response to a real-time query or proactively by the source. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	International Registration Plan (IRP) Clearinghouse	safety status information	Existing	Safety information such as safety ratings, security ratings or flags, inspection summaries, and violation summaries. A unique identifier is included. Corresponds to the safety and security portion of CVISN "snapshots." The status information may be provided as a response to a real-time query or as a result of a standing request for updated information (subscription). This may also include information about non-U.S. fleets for use by U.S. authorities, and information regarding U.S. fleets made available to Mexican and Canadian authorities. The query flow is not explicitly shown.
Safety Fitness Electronic Record (SAFER)	International Registration Plan (IRP) Clearinghouse	targeted list	Existing	List of carriers, drivers, and/or vehicles of interest for enforcement purposes.
Safety Fitness Electronic Record (SAFER)	International Registration Plan (IRP) Clearinghouse	trigger area definition	Planned	Information that defines the desired trigger area for wireless roadside inspection safety data message submission.
Safety Fitness Electronic Record (SAFER)	International Registration Plan (IRP) Clearinghouse	trigger control	Planned	Controls to enable or disable a particular trigger.
Safety Fitness Electronic Record (SAFER)	POE Administration Center	border clearance status	Existing	Notification regarding the crossing status of commercial freight shipment scheduled to enter the U.S. Includes portions of border agency and transportation agency clearance results, as those results become available.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Safety Fitness Electronic Record (SAFER)	POE Administration Center	client verification information	Existing	Information about carriers who have made border credential applications such as commercial drivers license information and carrier safety status.
Safety Fitness Electronic Record (SAFER)	POE Administration Center	screening results	Existing	Results of commercial vehicle screening event at a border crossing - reports clearance event data regarding action taken at border, including acceptance or override of system decision, and date/time stamp.
Safety Fitness Electronic Record (SAFER)	POE Data Archive	commercial vehicle archive data	Planned	Information describing commercial vehicle travel and commodity flow characteristics. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
Social Media and Networking	ADOT DEOC-Dept EM Ops Center	traveler sourced updates	Planned	Traveler posts on traffic and road conditions, parking availability, transit services, traveler services, shelter information, hazards, debris, obstacles, and other real-time crowd-sourced data that may be shared with other travelers.
Social Media and Networking	ADOT ECD Dispatch	traveler sourced updates	Planned	Traveler posts on traffic and road conditions, parking availability, transit services, traveler services, shelter information, hazards, debris, obstacles, and other real-time crowd-sourced data that may be shared with other travelers.
Social Media and Networking	ADOT TOC and EMC	traveler sourced updates	Planned	Traveler posts on traffic and road conditions, parking availability, transit services, traveler services, shelter information, hazards, debris, obstacles, and other real-time crowd-sourced data that may be shared with other travelers.
Social Media and Networking	Cities and Towns EOC-EMC	traveler sourced updates	Planned	Traveler posts on traffic and road conditions, parking availability, transit services, traveler services, shelter information, hazards, debris, obstacles, and other real-time crowd-sourced data that may be shared with other travelers.
Social Media and Networking	Cities and Towns Police and Fire Dispatch	traveler sourced updates	Planned	Traveler posts on traffic and road conditions, parking availability, transit services, traveler services, shelter information, hazards, debris, obstacles, and other real-time crowd-sourced data that may be shared with other travelers.
Social Media and Networking	County EMC-EOC	traveler sourced updates	Planned	Traveler posts on traffic and road conditions, parking availability, transit services, traveler services, shelter information, hazards, debris, obstacles, and other real-time crowd-sourced data that may be shared with other travelers.
Social Media and Networking	County Sheriff Dispatch	traveler sourced updates	Planned	Traveler posts on traffic and road conditions, parking availability, transit services, traveler services, shelter information, hazards, debris, obstacles, and other real-time crowd-sourced data that may be shared with other travelers.
Social Media and Networking	DEMA SEOC Arizona DEM Military Affairs	traveler sourced updates	Planned	Traveler posts on traffic and road conditions, parking availability, transit services, traveler services, shelter information, hazards, debris, obstacles, and other real-time crowd-sourced data that may be shared with other travelers.
Social Media and Networking	DPS Central Communications Center	traveler sourced updates	Planned	Traveler posts on traffic and road conditions, parking availability, transit services, traveler services, shelter information, hazards, debris, obstacles, and other real-time crowd-sourced data that may be shared with other travelers.
Social Media and Networking	Maricopa County EOC	traveler sourced updates	Planned	Traveler posts on traffic and road conditions, parking availability, transit services, traveler services, shelter information, hazards, debris, obstacles, and other real-time crowd-sourced data that may be shared with other travelers.
Social Media and Networking	Mexico Customs and Border Patrol	traveler sourced updates	Planned	Traveler posts on traffic and road conditions, parking availability, transit services, traveler services, shelter information, hazards, debris, obstacles, and other real-time crowd-sourced data that may be shared with other travelers.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Social Media and Networking	Mexico Public Safety	traveler sourced updates	Planned	Traveler posts on traffic and road conditions, parking availability, transit services, traveler services, shelter information, hazards, debris, obstacles, and other real-time crowd-sourced data that may be shared with other travelers.
Social Media and Networking	Nevada State Police Dispatch	traveler sourced updates	Planned	Traveler posts on traffic and road conditions, parking availability, transit services, traveler services, shelter information, hazards, debris, obstacles, and other real-time crowd-sourced data that may be shared with other travelers.
Social Media and Networking	New Mexico State Police Dispatch	traveler sourced updates	Planned	Traveler posts on traffic and road conditions, parking availability, transit services, traveler services, shelter information, hazards, debris, obstacles, and other real-time crowd-sourced data that may be shared with other travelers.
Social Media and Networking	Tribal Public Safety Dispatch	traveler sourced updates	Planned	Traveler posts on traffic and road conditions, parking availability, transit services, traveler services, shelter information, hazards, debris, obstacles, and other real-time crowd-sourced data that may be shared with other travelers.
Social Media and Networking	Utah State Police Dispatch	traveler sourced updates	Planned	Traveler posts on traffic and road conditions, parking availability, transit services, traveler services, shelter information, hazards, debris, obstacles, and other real-time crowd-sourced data that may be shared with other travelers.
State Universities Data Archives	ADOT AZ Crash Information System (ACIS)	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
State Universities Data Archives	ADOT TOC Data Archive	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
State Universities Data Archives	ADOT TOC Data Archive	other data source archive data	Planned	Data extracted from other data sources. A wide range of ITS and non-ITS data and associated meta data may be provided.
State Universities Data Archives	ADOT TOC Data User System	archive analysis results	Planned	Processed information products, supporting meta data, and any associated transaction information resulting from data mining, analytical processing, aggregation or summarization, report formulation, or other on-line processing and analysis of archived data.
State Universities Data Archives	ADOT TOC Data User System	archive request confirmation	Planned	Confirmation that an archive request has been received and processed with information on the disposition of the request.
State Universities Data Archives	ADOT TOC Data User System	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
State Universities Data Archives	ADOT TOC Traffic Information Center	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
State Universities Data Archives	Archive Data Users	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
State Universities Data Archives	AZTech RADS Data User System	archive analysis results	Planned	Processed information products, supporting meta data, and any associated transaction information resulting from data mining, analytical processing, aggregation or summarization, report formulation, or other on-line processing and analysis of archived data.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
State Universities Data Archives	AZTech RADS Data User System	archive request confirmation	Planned	Confirmation that an archive request has been received and processed with information on the disposition of the request.
State Universities Data Archives	AZTech RADS Data User System	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
State Universities Data Archives	Cities and Towns Data User Systems	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
State Universities Data Archives	County Data User Systems	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
State Universities Data Archives	MAG Data User Systems	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
State Universities Data Archives	MPO-COG Data User Systems	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
State Universities Data Archives	MPO-COG Planning Traffic Database	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
State Universities Data Archives	MPO-COG Planning Traffic Database	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
State Universities Data Archives	MPO-COG Planning Traffic Database	other data source archive data	Planned	Data extracted from other data sources. A wide range of ITS and non-ITS data and associated meta data may be provided.
State Universities Data Archives	PAG Data User Systems	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
State Universities Data Archives	State Universities Data User Systems	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
State Universities Data Archives	Tribal Public Safety Dispatch	archive status	Existing	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
State Universities Data User Systems	State Universities Data Archives	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
Transit Providers Dispatch (Public and Private)	ADOT DEOC-Dept EM Ops Center	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Transit Providers Dispatch (Public and Private)	ADOT DEOC-Dept EM Ops Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Transit Providers Dispatch (Public and Private)	ADOT DEOC-Dept EM Ops Center	emergency transit service response	Existing	Response indicating changes to transit service, fares, and/or restrictions that will be made and status of transit resources to be deployed to support emergency response and/or evacuation.
Transit Providers Dispatch (Public and Private)	ADOT DEOC-Dept EM Ops Center	transit emergency data	Planned	Initial notification of transit emergency at a transit stop or on transit vehicles and further coordination as additional details become available and the response is coordinated.
Transit Providers Dispatch (Public and Private)	ADOT DEOC-Dept EM Ops Center	transit probe data	Existing	Aggregate probe data derived from tracking transit vehicles. Data collected could include transit vehicle speeds and travel times for a given link or collection of links.
Transit Providers Dispatch (Public and Private)	ADOT DEOC-Dept EM Ops Center	transit system status assessment	Existing	Assessment of damage sustained by the public transportation system including location and extent of the damage, current operational status including an estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Transit Providers Dispatch (Public and Private)	Cities and Towns Police and Fire Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Transit Providers Dispatch (Public and Private)	Cities and Towns Police and Fire Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Transit Providers Dispatch (Public and Private)	Cities and Towns Police and Fire Dispatch	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Transit Providers Dispatch (Public and Private)	Cities and Towns Police and Fire Dispatch	emergency transit service response	Existing	Response indicating changes to transit service, fares, and/or restrictions that will be made and status of transit resources to be deployed to support emergency response and/or evacuation.
Transit Providers Dispatch (Public and Private)	Cities and Towns Police and Fire Dispatch	transit system status assessment	Planned	Assessment of damage sustained by the public transportation system including location and extent of the damage, current operational status including an estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Transit Providers Dispatch (Public and Private)	Cities and Towns Transit Dispatch	transit fare coordination	Planned	Fare and pricing information shared between local/regional transit organizations.
Transit Providers Dispatch (Public and Private)	Cities and Towns Transit Dispatch	transit service coordination	Existing	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Transit Providers Dispatch (Public and Private)	Cities and Towns Transit Dispatch	transit traveler information coordination	Planned	Transit schedules, real-time arrival information, fare schedules, and general transit service information shared between transit organizations to support transit traveler information systems.
Transit Providers Dispatch (Public and Private)	County EMC-EOC	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Transit Providers Dispatch (Public and Private)	County EMC-EOC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Transit Providers Dispatch (Public and Private)	County EMC-EOC	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Transit Providers Dispatch (Public and Private)	County EMC-EOC	emergency transit service response	Existing	Response indicating changes to transit service, fares, and/or restrictions that will be made and status of transit resources to be deployed to support emergency response and/or evacuation.
Transit Providers Dispatch (Public and Private)	County EMC-EOC	transit system status assessment	Planned	Assessment of damage sustained by the public transportation system including location and extent of the damage, current operational status including an estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Transit Providers Dispatch (Public and Private)	County Transit Kiosks	fare management information	Planned	Transit fare information and transaction data used to manage transit fare processing.
Transit Providers Dispatch (Public and Private)	County Transit Kiosks	transit traveler information	Planned	Transit information prepared to support transit users and other travelers. It contains transit schedules, real-time arrival information, fare schedules, alerts and advisories, and general transit service information.
Transit Providers Dispatch (Public and Private)	County Website and NIXLE	emergency transit schedule information	Planned	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Transit Providers Dispatch (Public and Private)	County Website and NIXLE	transit probe data	Planned	Aggregate probe data derived from tracking transit vehicles. Data collected could include transit vehicle speeds and travel times for a given link or collection of links.
Transit Providers Dispatch (Public and Private)	County Website and NIXLE	transit schedule adherence information	Planned	Dynamic transit schedule adherence and transit vehicle location information.
Transit Providers Dispatch (Public and Private)	County Website and NIXLE	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
Transit Providers Dispatch (Public and Private)	DEMA SEOC Arizona DEM Military Affairs	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.

Information Flows – Tabular Format (sorted by Source Element)

RAD-IT Table

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Transit Providers Dispatch (Public and Private)	DEMA SEOC Arizona DEM Military Affairs	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Transit Providers Dispatch (Public and Private)	DEMA SEOC Arizona DEM Military Affairs	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Transit Providers Dispatch (Public and Private)	DEMA SEOC Arizona DEM Military Affairs	emergency transit service response	Existing	Response indicating changes to transit service, fares, and/or restrictions that will be made and status of transit resources to be deployed to support emergency response and/or evacuation.
Transit Providers Dispatch (Public and Private)	DEMA SEOC Arizona DEM Military Affairs	transit system status assessment	Planned	Assessment of damage sustained by the public transportation system including location and extent of the damage, current operational status including an estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Transit Providers Dispatch (Public and Private)	Financial Institution	payment request	Planned	Request for payment from financial institution or related financial service requests (e.g., balance inquiry)
Transit Providers Dispatch (Public and Private)	Independent School District Bus Dispatch	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
Transit Providers Dispatch (Public and Private)	Local Dial-A-Ride Transit Dispatchers	transit fare coordination	Planned	Fare and pricing information shared between local/regional transit organizations.
Transit Providers Dispatch (Public and Private)	Local Dial-A-Ride Transit Dispatchers	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
Transit Providers Dispatch (Public and Private)	Local Dial-A-Ride Transit Dispatchers	transit traveler information coordination	Planned	Transit schedules, real-time arrival information, fare schedules, and general transit service information shared between transit organizations to support transit traveler information systems.
Transit Providers Dispatch (Public and Private)	Local Print and Broadcast Media	transit incident information	Planned	Information on transit incidents that impact transit services for public dissemination.
Transit Providers Dispatch (Public and Private)	Mexico Public Safety	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Transit Providers Dispatch (Public and Private)	Mexico Public Safety	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Transit Providers Dispatch (Public and Private)	Mexico Public Safety	emergency transit schedule information	Planned	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Transit Providers Dispatch (Public and Private)	Mexico Public Safety	emergency transit service response	Planned	Response indicating changes to transit service, fares, and/or restrictions that will be made and status of transit resources to be deployed to support emergency response and/or evacuation.
Transit Providers Dispatch (Public and Private)	Mexico Public Safety	transit system status assessment	Planned	Assessment of damage sustained by the public transportation system including location and extent of the damage, current operational status including an estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Transit Providers Dispatch (Public and Private)	MPO-COG Planning Traffic Database	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
Transit Providers Dispatch (Public and Private)	MPO-COG Planning Traffic Database	transit archive data	Planned	Data used to describe and monitor transit demand, fares, operations, and system performance. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
Transit Providers Dispatch (Public and Private)	NAIPTA (dba Mountain Line) Paratransit	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
Transit Providers Dispatch (Public and Private)	NAIPTA (dba Mountain Line) Website and FLGRide	demand responsive transit plan	Planned	Plan regarding overall demand responsive transit schedules and deployment.
Transit Providers Dispatch (Public and Private)	NAIPTA (dba Mountain Line) Website and FLGRide	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Transit Providers Dispatch (Public and Private)	NAIPTA (dba Mountain Line) Website and FLGRide	transit and fare schedules	Planned	Transit service information including routes, schedules, and fare information. This also includes on-demand service information.
Transit Providers Dispatch (Public and Private)	NAIPTA (dba Mountain Line) Website and FLGRide	transit schedule adherence information	Planned	Dynamic transit schedule adherence and transit vehicle location information.
Transit Providers Dispatch (Public and Private)	Payment Administration Center	account updates	Planned	Updates to an account, such as purchases, uses, cancellation, secureID changes or similar material changes to account information.
Transit Providers Dispatch (Public and Private)	Payment Administration Center	smart card reconciliation	Planned	Detailed list of charges of the form charge/transport provider, taken from a smart card that need to be applied to the listed providers.
Transit Providers Dispatch (Public and Private)	Personal Information Devices for Travelers	personal transit information	Planned	General and personalized transit information for a particular fixed route, flexible route, or paratransit system.
Transit Providers Dispatch (Public and Private)	Personal Information Devices for Travelers	traveler payment request	Planned	Request for information supporting payments. For fee structures that include incentives, the request may support either an account debit or an account credit or reimbursement.
Transit Providers Dispatch (Public and Private)	Private Transit Routing Service Provider	authorization response	Planned	Notification of status of authorization request.
Transit Providers Dispatch (Public and Private)	Private Transit Routing Service Provider	fare management information	Planned	Transit fare information and transaction data used to manage transit fare processing.
Transit Providers Dispatch (Public and Private)	Private Transit Routing Service Provider	personal transit information	Planned	General and personalized transit information for a particular fixed route, flexible route, or paratransit system.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Transit Providers Dispatch (Public and Private)	Private Transit Routing Service Provider	transit traveler information	Planned	Transit information prepared to support transit users and other travelers. It contains transit schedules, real-time arrival information, fare schedules, alerts and advisories, and general transit service information.
Transit Providers Dispatch (Public and Private)	Private Transit Routing Service Provider	traveler payment request	Planned	Request for information supporting payments. For fee structures that include incentives, the request may support either an account debit or an account credit or reimbursement.
Transit Providers Dispatch (Public and Private)	Private Transit Routing Service Provider	user account reports	Planned	Reports on services offered/provided and associated charges.
Transit Providers Dispatch (Public and Private)	Public Private Traveler Information	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Transit Providers Dispatch (Public and Private)	Public Private Traveler Information	transit and fare schedules	Planned	Transit service information including routes, schedules, and fare information. This also includes on-demand service information.
Transit Providers Dispatch (Public and Private)	Public Private Traveler Information	transit fare information	Planned	Information provided by transit management that supports fare payment transactions.
Transit Providers Dispatch (Public and Private)	Public Private Traveler Information	transit probe data	Planned	Aggregate probe data derived from tracking transit vehicles. Data collected could include transit vehicle speeds and travel times for a given link or collection of links.
Transit Providers Dispatch (Public and Private)	Public Private Traveler Information	transit schedule adherence information	Planned	Dynamic transit schedule adherence and transit vehicle location information.
Transit Providers Dispatch (Public and Private)	Transit Providers Vehicles (Public and Private)	alarm acknowledge	Planned	Confirmation that alarm was received, instructions and additional information for the alarm initiator, and requests for additional information.
Transit Providers Dispatch (Public and Private)	Transit Providers Vehicles (Public and Private)	fare management information	Planned	Transit fare information and transaction data used to manage transit fare processing.
Transit Providers Dispatch (Public and Private)	Transit Providers Vehicles (Public and Private)	remote vehicle disable	Planned	Signal used to remotely disable a transit vehicle.
Transit Providers Dispatch (Public and Private)	Transit Providers Vehicles (Public and Private)	transit schedule information	Planned	Current and projected transit schedule information used to initialize the transit vehicle with a vehicle assignment, monitor schedule performance, and develop corrective actions on-board.
Transit Providers Dispatch (Public and Private)	Transit Providers Vehicles (Public and Private)	transit stop request	Planned	Notification that a transit stop has been requested by a transit user at a roadside stop. This flow identifies the route, stop, and the time of the request.
Transit Providers Dispatch (Public and Private)	Transit Providers Vehicles (Public and Private)	transit traveler information	Planned	Transit information prepared to support transit users and other travelers. It contains transit schedules, real-time arrival information, fare schedules, alerts and advisories, and general transit service information.
Transit Providers Dispatch (Public and Private)	Transit Providers Vehicles (Public and Private)	transit vehicle operator authentication update	Planned	Results of authentication process or update of on-board authentication database.
Transit Providers Dispatch (Public and Private)	Transit Providers Vehicles (Public and Private)	transit vehicle operator information	Planned	Transit service instructions, wide area alerts, traffic information, road conditions, and other information for both transit and paratransit operators.
Transit Providers Dispatch (Public and Private)	Tribal Public Safety Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Transit Providers Dispatch (Public and Private)	Tribal Public Safety Dispatch	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Transit Providers Dispatch (Public and Private)	Tribal Public Safety Dispatch	emergency transit schedule information	Planned	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Transit Providers Dispatch (Public and Private)	Tribal Public Safety Dispatch	emergency transit service response	Planned	Response indicating changes to transit service, fares, and/or restrictions that will be made and status of transit resources to be deployed to support emergency response and/or evacuation.
Transit Providers Dispatch (Public and Private)	Tribal Public Safety Dispatch	transit system status assessment	Planned	Assessment of damage sustained by the public transportation system including location and extent of the damage, current operational status including an estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Transit Providers Dispatch (Public and Private)	Tribal TMC-TOC-TIC	emergency transit schedule information	Planned	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Transit Providers Dispatch (Public and Private)	Tribal Transit Centers	transit fare coordination	Planned	Fare and pricing information shared between local/regional transit organizations.
Transit Providers Dispatch (Public and Private)	Tribal Transit Centers	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
Transit Providers Dispatch (Public and Private)	Tribal Transit Centers	transit traveler information coordination	Planned	Transit schedules, real-time arrival information, fare schedules, and general transit service information shared between transit organizations to support transit traveler information systems.
Transit Providers Dispatch (Public and Private)	US Border Patrol Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Transit Providers Dispatch (Public and Private)	US Border Patrol Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Transit Providers Dispatch (Public and Private)	US Border Patrol Dispatch	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Transit Providers Dispatch (Public and Private)	US Border Patrol Dispatch	emergency transit service response	Existing	Response indicating changes to transit service, fares, and/or restrictions that will be made and status of transit resources to be deployed to support emergency response and/or evacuation.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Transit Providers Dispatch (Public and Private)	US Border Patrol Dispatch	transit system status assessment	Planned	Assessment of damage sustained by the public transportation system including location and extent of the damage, current operational status including an estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Transit Providers Dispatch (Public and Private)	Utah State Police Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Transit Providers Dispatch (Public and Private)	Utah State Police Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Transit Providers Dispatch (Public and Private)	Utah State Police Dispatch	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Transit Providers Dispatch (Public and Private)	Utah State Police Dispatch	emergency transit service response	Existing	Response indicating changes to transit service, fares, and/or restrictions that will be made and status of transit resources to be deployed to support emergency response and/or evacuation.
Transit Providers Dispatch (Public and Private)	Utah State Police Dispatch	transit system status assessment	Existing	Assessment of damage sustained by the public transportation system including location and extent of the damage, current operational status including an estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Transit Providers Dispatch (Public and Private)	Wide Area Alerting Systems	emergency transit schedule information	Planned	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Transit Providers Dispatch (Public and Private)	YCAT Transit Passes	authorization response	Planned	Notification of status of authorization request.
Transit Providers Dispatch (Public and Private)	YCAT Transit Passes	fare management information	Existing	Transit fare information and transaction data used to manage transit fare processing.
Transit Providers Dispatch (Public and Private)	YCAT Website	demand responsive transit plan	Planned	Plan regarding overall demand responsive transit schedules and deployment.
Transit Providers Dispatch (Public and Private)	YCAT Website	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Transit Providers Dispatch (Public and Private)	YCAT Website	transit and fare schedules	Planned	Transit service information including routes, schedules, and fare information. This also includes on-demand service information.
Transit Providers Dispatch (Public and Private)	YCAT Website	transit schedule adherence information	Planned	Dynamic transit schedule adherence and transit vehicle location information.
Transit Providers Dispatch (Public and Private)	Yuma County Area Transit (YCAT)	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Transit Providers Vehicles (Public and Private)	Cities and Towns ITS Field Equipment	local signal priority request	Planned	Request from a vehicle to a signalized intersection for priority at that intersection. This flow also allows the vehicle to cancel a priority request (for example, when the vehicle clears the intersection).
Transit Providers Vehicles (Public and Private)	Payment Administration Center	authorization request	Planned	Request to determine if a transportation user is authorized to use a particular transportation resource.
Transit Providers Vehicles (Public and Private)	Transit Providers Dispatch (Public and Private)	alarm notification	Planned	Notification of activation of an audible or silent alarm by a traveler in a public area or by a transit vehicle operator using an on-board device.
Transit Providers Vehicles (Public and Private)	Transit Providers Dispatch (Public and Private)	demand response passenger and use data	Planned	Data collected on board a demand response vehicle relating to the picking up and discharging of passengers.
Transit Providers Vehicles (Public and Private)	Transit Providers Dispatch (Public and Private)	fare collection data	Planned	Fare collection information including the summary of fare system data and financial payment transaction data.
Transit Providers Vehicles (Public and Private)	Transit Providers Dispatch (Public and Private)	transit traveler request	Planned	Request by a Transit traveler to summon assistance, request transit information, or request any other transit services.
Transit Providers Vehicles (Public and Private)	Transit Providers Dispatch (Public and Private)	transit vehicle conditions	Planned	Operating conditions of transit vehicle (e.g., engine running, oil pressure, fuel level and usage). It includes status of other on-board systems including user displays, passenger counters, and security systems. This overall status information is also collected from unused (out of service) vehicles.
Transit Providers Vehicles (Public and Private)	Transit Providers Dispatch (Public and Private)	transit vehicle loading data	Planned	Data collected on board the transit vehicle relating to passenger boarding and alighting.
Transit Providers Vehicles (Public and Private)	Transit Providers Dispatch (Public and Private)	transit vehicle location data	Planned	Current transit vehicle location and related operational conditions data provided by a transit vehicle.
Transit Providers Vehicles (Public and Private)	Transit Providers Dispatch (Public and Private)	transit vehicle operator authentication information	Planned	Information regarding on-board transit operator authentication
Transit Providers Vehicles (Public and Private)	Transit Providers Dispatch (Public and Private)	transit vehicle schedule performance	Planned	Estimated times of arrival and anticipated schedule deviations reported by a transit vehicle.
Transit Providers Vehicles (Public and Private)	Traveler Card-Smartcard	payment device update	Planned	Information updated concerning traveler's personal data including name, address, user account information, trip records, and profile data.
Transit Providers Vehicles (Public and Private)	Traveler Card-Smartcard	request for payment	Planned	Request to deduct cost of service from user's payment account.
Transit Providers Vehicles (Public and Private)	Travelers	traveler interface updates	Planned	Visual or audio information (e.g., routes, messages, guidance, emergency information) that is provided to the traveler.
Transit Providers Vehicles (Public and Private)	YCAT Buses	host transit vehicle status	Planned	Information provided to the ITS on-board equipment from other systems on the Transit Vehicle Platform.
Transit Providers Vehicles (Public and Private)	YCAT Transit Passes	payment device update	Planned	Information updated concerning traveler's personal data including name, address, user account information, trip records, and profile data.
Transit Providers Vehicles (Public and Private)	YCAT Transit Passes	request for payment	Planned	Request to deduct cost of service from user's payment account.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Traveler Card-Smartcard	Cities and Towns Transit Vehicles	actuate secure payment	Planned	Initiation of a payment action, ideally based on an encrypted token or biometric marker. Such a payment action could be a simple validation that the secure token allows the user access to the travel resource, or it could be the initiation of a payment transaction.
Traveler Card-Smartcard	Cities and Towns Transit Vehicles	payment device information	Planned	Traveler payment information such as card number and previous transactions.
Traveler Card-Smartcard	County Transit Kiosks	actuate secure payment	Planned	Initiation of a payment action, ideally based on an encrypted token or biometric marker. Such a payment action could be a simple validation that the secure token allows the user access to the travel resource, or it could be the initiation of a payment transaction.
Traveler Card-Smartcard	County Transit Kiosks	payment device information	Planned	Traveler payment information such as card number and previous transactions.
Traveler Card-Smartcard	Electric Vehicle Charging Stations	actuate secure payment	Planned	Initiation of a payment action, ideally based on an encrypted token or biometric marker. Such a payment action could be a simple validation that the secure token allows the user access to the travel resource, or it could be the initiation of a payment transaction.
Traveler Card-Smartcard	Independent School District Buses	actuate secure payment	Planned	Initiation of a payment action, ideally based on an encrypted token or biometric marker. Such a payment action could be a simple validation that the secure token allows the user access to the travel resource, or it could be the initiation of a payment transaction.
Traveler Card-Smartcard	Independent School District Buses	payment device information	Planned	Traveler payment information such as card number and previous transactions.
Traveler Card-Smartcard	Local Dial-A-Ride Transit Vehicles	actuate secure payment	Planned	Initiation of a payment action, ideally based on an encrypted token or biometric marker. Such a payment action could be a simple validation that the secure token allows the user access to the travel resource, or it could be the initiation of a payment transaction.
Traveler Card-Smartcard	Local Dial-A-Ride Transit Vehicles	payment device information	Planned	Traveler payment information such as card number and previous transactions.
Traveler Card-Smartcard	NAIPTA (dba Mountain Line) Paratransit Vehicles	actuate secure payment	Planned	Initiation of a payment action, ideally based on an encrypted token or biometric marker. Such a payment action could be a simple validation that the secure token allows the user access to the travel resource, or it could be the initiation of a payment transaction.
Traveler Card-Smartcard	NAIPTA (dba Mountain Line) Paratransit Vehicles	payment device information	Planned	Traveler payment information such as card number and previous transactions.
Traveler Card-Smartcard	NAIPTA (dba Mountain Line) Transit Buses	actuate secure payment	Planned	Initiation of a payment action, ideally based on an encrypted token or biometric marker. Such a payment action could be a simple validation that the secure token allows the user access to the travel resource, or it could be the initiation of a payment transaction.
Traveler Card-Smartcard	NAIPTA (dba Mountain Line) Transit Buses	payment device information	Planned	Traveler payment information such as card number and previous transactions.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Traveler Card-Smartcard	Private Transit Routing Service Provider	actuate secure payment	Planned	Initiation of a payment action, ideally based on an encrypted token or biometric marker. Such a payment action could be a simple validation that the secure token allows the user access to the travel resource, or it could be the initiation of a payment transaction.
Traveler Card-Smartcard	Private Transit Routing Service Provider	payment device information	Planned	Traveler payment information such as card number and previous transactions.
Traveler Card-Smartcard	Private Vehicle OBE	border card data	Planned	Personal identification data from ID cards used by travelers at border crossings.
Traveler Card-Smartcard	Transit Providers Vehicles (Public and Private)	actuate secure payment	Planned	Initiation of a payment action, ideally based on an encrypted token or biometric marker. Such a payment action could be a simple validation that the secure token allows the user access to the travel resource, or it could be the initiation of a payment transaction.
Traveler Card-Smartcard	Transit Providers Vehicles (Public and Private)	payment device information	Planned	Traveler payment information such as card number and previous transactions.
Traveler Card-Smartcard	Tribal Transit Vehicles	actuate secure payment	Planned	Initiation of a payment action, ideally based on an encrypted token or biometric marker. Such a payment action could be a simple validation that the secure token allows the user access to the travel resource, or it could be the initiation of a payment transaction.
Traveler Card-Smartcard	Tribal Transit Vehicles	payment device information	Planned	Traveler payment information such as card number and previous transactions.
Traveler Card-Smartcard	YCAT Buses	actuate secure payment	Planned	Initiation of a payment action, ideally based on an encrypted token or biometric marker. Such a payment action could be a simple validation that the secure token allows the user access to the travel resource, or it could be the initiation of a payment transaction.
Traveler Card-Smartcard	YCAT Buses	payment device information	Planned	Traveler payment information such as card number and previous transactions.
Traveler Card-Smartcard	YCAT Kiosks	actuate secure payment	Planned	Initiation of a payment action, ideally based on an encrypted token or biometric marker. Such a payment action could be a simple validation that the secure token allows the user access to the travel resource, or it could be the initiation of a payment transaction.
Traveler Card-Smartcard	YCAT Kiosks	payment device information	Planned	Traveler payment information such as card number and previous transactions.
Traveler Card-Smartcard	YCAT Transit Passes	actuate secure payment	Planned	Initiation of a payment action, ideally based on an encrypted token or biometric marker. Such a payment action could be a simple validation that the secure token allows the user access to the travel resource, or it could be the initiation of a payment transaction.
Traveler Card-Smartcard	YCAT Transit Passes	payment device information	Planned	Traveler payment information such as card number and previous transactions.
Travelers	Cities and Towns Transit Vehicles	traveler input	Planned	User input from a traveler to summon assistance, request travel information, make a reservation, or request any other traveler service.
Travelers	County Transit Kiosks	traveler input	Existing	User input from a traveler to summon assistance, request travel information, make a reservation, or request any other traveler service.
Travelers	Independent School District Buses	traveler input	Existing	User input from a traveler to summon assistance, request travel information, make a reservation, or request any other traveler service.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Travelers	Local Dial-A-Ride Transit Vehicles	traveler input	Planned	User input from a traveler to summon assistance, request travel information, make a reservation, or request any other traveler service.
Travelers	NAIPTA (dba Mountain Line) Paratransit Vehicles	traveler input	Planned	User input from a traveler to summon assistance, request travel information, make a reservation, or request any other traveler service.
Travelers	NAIPTA (dba Mountain Line) Transit Buses	traveler input	Planned	User input from a traveler to summon assistance, request travel information, make a reservation, or request any other traveler service.
Travelers	Personal Information Devices for Travelers	traveler input	Existing	User input from a traveler to summon assistance, request travel information, make a reservation, or request any other traveler service.
Travelers	Private Transit Routing Service Provider	traveler input	Planned	User input from a traveler to summon assistance, request travel information, make a reservation, or request any other traveler service.
Travelers	Transit Providers Vehicles (Public and Private)	traveler input	Planned	User input from a traveler to summon assistance, request travel information, make a reservation, or request any other traveler service.
Travelers	YCAT Buses	traveler input	Planned	User input from a traveler to summon assistance, request travel information, make a reservation, or request any other traveler service.
Travelers	YCAT Kiosks	traveler input	Planned	User input from a traveler to summon assistance, request travel information, make a reservation, or request any other traveler service.
Travelers	YCAT Transit Passes	traveler input	Existing	User input from a traveler to summon assistance, request travel information, make a reservation, or request any other traveler service.
Tribal Data Archive	ADOT AZ Crash Information System (ACIS)	archive analysis results	Planned	Processed information products, supporting meta data, and any associated transaction information resulting from data mining, analytical processing, aggregation or summarization, report formulation, or other on-line processing and analysis of archived data.
Tribal Data Archive	ADOT AZ Crash Information System (ACIS)	archive request confirmation	Planned	Confirmation that an archive request has been received and processed with information on the disposition of the request.
Tribal Data Archive	ADOT AZ Crash Information System (ACIS)	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
Tribal Data Archive	ADOT HPMS Data Archive	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
Tribal Data Archive	Archive Data Users	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
Tribal Data Archive	BIA Western Regional Website	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
Tribal Data Archive	Cities and Towns Data Archive	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
Tribal Data Archive	DPS Data Archive	archive coordination	Existing	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Tribal Data Archive	PAG Planning Traffic Database	archive coordination	Planned	Catalog data, meta data, published data, and other information exchanged between archives to support data synchronization and satisfy user data requests.
Tribal Data Archive	Tribal Data User Systems	archived data products	Planned	Raw or processed data, meta data, data catalogs and other data products provided to a user system upon request. The response may also include any associated transaction information.
Tribal Data Archive	Tribal ITS Field Equipment	data collection and monitoring control	Planned	Information used to configure and control data collection and monitoring systems.
Tribal Data Archive	Tribal MCO Dispatch	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
Tribal Data Archive	Tribal Public Safety Dispatch	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
Tribal Data Archive	Tribal TMC-TOC-TIC	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
Tribal Data Archive	Tribal Transit Centers	archive status	Planned	Notification that data provided to an archive contains erroneous, missing, or suspicious data or verification that the data provided appears valid. If an error has been detected, the offending data and the nature of the potential problem are identified.
Tribal Data User Systems	ADOT HPMS Data Archive	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
Tribal Data User Systems	Cities and Towns Data Archive	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
Tribal Data User Systems	MPO-COG Planning Traffic Database	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
Tribal Data User Systems	Tribal Data Archive	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
Tribal ITS Field Equipment	Rail Grade Wayside Warning Systems	rail crossing operational status	Planned	Status of the highway-rail grade crossing equipment including both the current state or mode of operation and the current equipment condition.
Tribal ITS Field Equipment	Tribal Data Archive	roadside archive data	Planned	A broad set of data derived from roadside sensors that includes current traffic conditions, environmental conditions, and any other data that can be directly collected by roadside sensors. This data also indicates the status of the sensors and reports of any identified sensor faults.

Information Flows – Tabular Format (sorted by Source Element)

RAD-IT Table

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Tribal ITS Field Equipment	Tribal MCO Dispatch	environmental sensor data	Planned	Current road conditions (e.g., surface temperature, subsurface temperature, moisture, icing, treatment status) and surface weather conditions (e.g., air temperature, wind speed, precipitation, visibility) as measured and reported by fixed and/or mobile environmental sensors. Operational status of the sensors is also included.
Tribal ITS Field Equipment	Tribal MCO Dispatch	field equipment status	Planned	Reports from field equipment (sensors, signals, signs, controllers, etc.) which indicate current operational status.
Tribal ITS Field Equipment	Tribal MCO Dispatch	roadway dynamic signage status	Planned	Current operating status of dynamic message signs.
Tribal ITS Field Equipment	Tribal MCO Dispatch	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
Tribal ITS Field Equipment	Tribal TMC-TOC-TIC	passive vehicle monitoring data	Planned	Time stamped identifiers that identify the vehicles that have passed through a detection zone.
Tribal ITS Field Equipment	Tribal TMC-TOC-TIC	right-of-way request notification	Planned	Notice that a request has occurred for signal prioritization, signal preemption, pedestrian call, multi-modal crossing activation, or other source for right-of-way.
Tribal ITS Field Equipment	Tribal TMC-TOC-TIC	roadway dynamic signage status	Planned	Current operating status of dynamic message signs.
Tribal ITS Field Equipment	Tribal TMC-TOC-TIC	signal control status	Planned	Operational and status data of traffic signal control equipment including operating condition and current indications.
Tribal ITS Field Equipment	Tribal TMC-TOC-TIC	signal fault data	Planned	Faults reported by traffic signal control equipment.
Tribal ITS Field Equipment	Tribal TMC-TOC-TIC	traffic detector data	Planned	Raw and/or processed traffic detector data which allows derivation of traffic flow variables (e.g., speed, volume, and density measures) and associated information (e.g., congestion, potential incidents). This flow includes the traffic data and the operational status of the traffic detectors
Tribal ITS Field Equipment	Tribal TMC-TOC-TIC	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
Tribal MCO Dispatch	ATTP Tribal Coordination Website	current infrastructure restrictions	Planned	Restrictions levied on transportation asset usage based on infrastructure design, surveys, tests, or analyses. This includes standard facility design height, width, and weight restrictions, special restrictions such as spring weight restrictions, and temporary facility restrictions that are imposed during maintenance and construction.
Tribal MCO Dispatch	ATTP Tribal Coordination Website	maint and constr work plans	Planned	Future construction and maintenance work schedules and activities including anticipated closures with anticipated impact to the roadway, alternate routes, anticipated delays, closure times, and durations.
Tribal MCO Dispatch	ATTP Tribal Coordination Website	roadway maintenance status	Planned	Summary of maintenance fleet operations affecting the road network. This includes the status of winter maintenance (snow plow schedule and current status).

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Tribal MCO Dispatch	ATTP Tribal Coordination Website	work zone information	Planned	Summary of maintenance and construction work zone activities affecting the road network including the nature of the maintenance or construction activity, location, impact to the roadway, expected time(s) and duration of impact, anticipated delays, alternate routes, and suggested speed limits. This information may be augmented with images that provide a visual indication of current work zone status and traffic impacts.
Tribal MCO Dispatch	DEMA SEOC Arizona DEM Military Affairs	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Tribal MCO Dispatch	DEMA SEOC Arizona DEM Military Affairs	maint and constr resource response	Planned	Current status of maintenance and construction resources including availability and deployment status. General resource inventory information covering vehicles, equipment, materials, and people and specific resource deployment status may be included.
Tribal MCO Dispatch	DEMA SEOC Arizona DEM Military Affairs	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
Tribal MCO Dispatch	Independent School District Bus Dispatch	current infrastructure restrictions	Existing	Restrictions levied on transportation asset usage based on infrastructure design, surveys, tests, or analyses. This includes standard facility design height, width, and weight restrictions, special restrictions such as spring weight restrictions, and temporary facility restrictions that are imposed during maintenance and construction.
Tribal MCO Dispatch	Independent School District Bus Dispatch	roadway maintenance status	Existing	Summary of maintenance fleet operations affecting the road network. This includes the status of winter maintenance (snow plow schedule and current status).
Tribal MCO Dispatch	Independent School District Bus Dispatch	work zone information	Existing	Summary of maintenance and construction work zone activities affecting the road network including the nature of the maintenance or construction activity, location, impact to the roadway, expected time(s) and duration of impact, anticipated delays, alternate routes, and suggested speed limits. This information may be augmented with images that provide a visual indication of current work zone status and traffic impacts.
Tribal MCO Dispatch	Tribal Data Archive	maint and constr archive data	Planned	Information describing road construction and maintenance activities identifying the type of activity, the work performed, and work zone information including work zone configuration and safety (e.g., a record of intrusions and vehicle speeds) information. For construction activities, this information also includes a description of the completed infrastructure, including as-built plans as applicable. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
Tribal MCO Dispatch	Tribal ITS Field Equipment	environmental sensor control	Planned	Data used to configure and control environmental sensors.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Tribal MCO Dispatch	Tribal ITS Field Equipment	roadway dynamic signage data	Planned	Information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support remote management of these devices.
Tribal MCO Dispatch	Tribal ITS Field Equipment	video surveillance control	Planned	Information used to configure and control video surveillance systems.
Tribal MCO Dispatch	Tribal MCO Vehicles	maint and constr dispatch information	Existing	Information used to dispatch maintenance and construction vehicles, equipment, and crews and information used to keep work zone crews informed. This information includes routing information, traffic information, road restrictions, incident information, environmental information, decision support information, maintenance schedule data, dispatch instructions, personnel assignments, alert notifications, and corrective actions.
Tribal MCO Dispatch	Tribal MCO Vehicles	maint and constr vehicle system control	Existing	Configure and control data that supports remote control of on-board maintenance and construction vehicle systems and field equipment that is remotely controlled by the vehicle. For example, the data can be used to adjust material application rates and spread patterns.
Tribal MCO Dispatch	Tribal Public Safety Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Tribal MCO Dispatch	Tribal Public Safety Dispatch	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Tribal MCO Dispatch	Tribal Public Safety Dispatch	maint and constr resource response	Planned	Current status of maintenance and construction resources including availability and deployment status. General resource inventory information covering vehicles, equipment, materials, and people and specific resource deployment status may be included.
Tribal MCO Dispatch	Tribal Public Safety Dispatch	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
Tribal MCO Dispatch	Tribal Public Safety Dispatch	work zone information	Planned	Summary of maintenance and construction work zone activities affecting the road network including the nature of the maintenance or construction activity, location, impact to the roadway, expected time(s) and duration of impact, anticipated delays, alternate routes, and suggested speed limits. This information may be augmented with images that provide a visual indication of current work zone status and traffic impacts.
Tribal MCO Dispatch	Tribal TMC-TOC-TIC	equipment maintenance status	Planned	Current status of field equipment maintenance actions.
Tribal MCO Dispatch	Tribal TMC-TOC-TIC	maint and constr resource response	Planned	Current status of maintenance and construction resources including availability and deployment status. General resource inventory information covering vehicles, equipment, materials, and people and specific resource deployment status may be included.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Tribal MCO Dispatch	Tribal TMC-TOC-TIC	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
Tribal MCO Dispatch	Tribal TMC-TOC-TIC	work zone information	Planned	Summary of maintenance and construction work zone activities affecting the road network including the nature of the maintenance or construction activity, location, impact to the roadway, expected time(s) and duration of impact, anticipated delays, alternate routes, and suggested speed limits. This information may be augmented with images that provide a visual indication of current work zone status and traffic impacts.
Tribal MCO Vehicles	Tribal MCO Dispatch	maint and constr dispatch status	Existing	Current maintenance and construction status including work data, operator status, crew status, and equipment status.
Tribal MCO Vehicles	Tribal MCO Dispatch	maint and constr vehicle operational data	Existing	Data that describes the maintenance and construction activity performed by the vehicle. Operational data includes materials usage (amount stored and current application rate), operational state of the maintenance equipment (e.g., blade up/down, spreader pattern), vehicle safety status, and other measures associated with the operation of a maintenance, construction, or other special purpose vehicle. Operational data may include basic operational status of the vehicle equipment or a more precise record of the work performed (e.g., application of crack sealant with precise locations and application characteristics).
Tribal MCO Vehicles	Tribal MCO Dispatch	work zone status	Planned	Current work zone status including current location (and future locations for moving work zones), impact to the roadway, required lane shifts, expected time(s) and duration of impact, anticipated delays, alternate routes, and suggested speed limits.
Tribal Police and Fire Vehicles	ADOT ITS Field Equipment	local signal preemption request	Planned	Direct control signal or message to a signalized intersection that results in preemption of the current control plan and grants right-of-way to the requesting vehicle.
Tribal Police and Fire Vehicles	Tribal ITS Field Equipment	local signal preemption request	Planned	Direct control signal or message to a signalized intersection that results in preemption of the current control plan and grants right-of-way to the requesting vehicle.
Tribal Police and Fire Vehicles	Tribal Public Safety Dispatch	emergency dispatch response	Planned	Request for additional emergency dispatch information and provision of en route status.
Tribal Police and Fire Vehicles	Tribal Public Safety Dispatch	emergency vehicle tracking data	Planned	The current location and operating status of the emergency vehicle.
Tribal Public Safety Dispatch	ADOT Crash Reporting Information System (CRIS)	emergency archive data	Planned	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Tribal Public Safety Dispatch	ADOT DEOC-Dept EM Ops Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Tribal Public Safety Dispatch	ADOT DEOC-Dept EM Ops Center	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Tribal Public Safety Dispatch	ADOT DEOC-Dept EM Ops Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Tribal Public Safety Dispatch	ADOT DEOC-Dept EM Ops Center	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
Tribal Public Safety Dispatch	ADOT DEOC-Dept EM Ops Center	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Tribal Public Safety Dispatch	ADOT DEOC-Dept EM Ops Center	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Tribal Public Safety Dispatch	ADOT DEOC-Dept EM Ops Center	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Tribal Public Safety Dispatch	ADOT DEOC-Dept EM Ops Center	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Tribal Public Safety Dispatch	ADOT DEOC-Dept EM Ops Center	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Tribal Public Safety Dispatch	ADOT DEOC-Dept EM Ops Center	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Tribal Public Safety Dispatch	ADOT DEOC-Dept EM Ops Center	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Tribal Public Safety Dispatch	ADOT DEOC-Dept EM Ops Center	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Tribal Public Safety Dispatch	ADOT DEOC-Dept EM Ops Center	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
Tribal Public Safety Dispatch	ADOT DEOC-Dept EM Ops Center	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc).
Tribal Public Safety Dispatch	ADOT DEOC-Dept EM Ops Center	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Tribal Public Safety Dispatch	ADOT DEOC-Dept EM Ops Center	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Tribal Public Safety Dispatch	ADOT ECD Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Tribal Public Safety Dispatch	ADOT ECD Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Tribal Public Safety Dispatch	ADOT ECD Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.

Information Flows – Tabular Format (sorted by Source Element)

RAD-IT Table

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Tribal Public Safety Dispatch	ADOT ECD Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Tribal Public Safety Dispatch	ADOT ECD Dispatch	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Tribal Public Safety Dispatch	ADOT ECD Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Tribal Public Safety Dispatch	ADOT ECD Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Tribal Public Safety Dispatch	ADOT ECD Dispatch	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Tribal Public Safety Dispatch	ADOT ECD Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Tribal Public Safety Dispatch	ADOT ECD Operational Communications	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Tribal Public Safety Dispatch	ADOT ECD Operational Communications	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Tribal Public Safety Dispatch	ADOT ECD Operational Communications	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Tribal Public Safety Dispatch	ADOT ECD Operational Communications	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Tribal Public Safety Dispatch	ADOT ECD Operational Communications	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Tribal Public Safety Dispatch	ADOT ECD Operational Communications	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Tribal Public Safety Dispatch	ADOT ECD Operational Communications	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Tribal Public Safety Dispatch	ADOT ECD Operational Communications	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Tribal Public Safety Dispatch	ADOT ECD Operational Communications	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Tribal Public Safety Dispatch	ADOT Motor Vehicle Division (MVD) Database	emergency archive data	Planned	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
Tribal Public Safety Dispatch	ADOT TOC and EMC	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Tribal Public Safety Dispatch	ADOT TOC and EMC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Tribal Public Safety Dispatch	ADOT TOC and EMC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Tribal Public Safety Dispatch	ADOT TOC and EMC	emergency route request	Planned	Request for access routes for emergency response vehicles and equipment. This may be a request for ingress or egress routes or other emergency routes. It may also include a request for preemption/priority for the identified vehicle at all signalized intersections along the route.
Tribal Public Safety Dispatch	ADOT TOC and EMC	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
Tribal Public Safety Dispatch	ADOT TOC and EMC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Tribal Public Safety Dispatch	ADOT TOC and EMC	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Tribal Public Safety Dispatch	ADOT TOC and EMC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Tribal Public Safety Dispatch	ADOT TOC and EMC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Tribal Public Safety Dispatch	ADOT TOC and EMC	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Tribal Public Safety Dispatch	ADOT TOC and EMC	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Tribal Public Safety Dispatch	ADOT TOC and EMC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Tribal Public Safety Dispatch	ADOT TOC and EMC	remote surveillance control	Existing	The control commands used to remotely operate another center's sensors or surveillance equipment so that roadside surveillance assets can be shared by more than one agency.
Tribal Public Safety Dispatch	ADOT TOC and EMC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Tribal Public Safety Dispatch	ADOT TOC and EMC	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
Tribal Public Safety Dispatch	ADOT TOC and EMC	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
Tribal Public Safety Dispatch	ADOT TOC and EMC	road closure notification	Existing	Notification that agency personnel have closed a road due to adverse weather, major incident, or other reason.
Tribal Public Safety Dispatch	ADOT TOC and EMC	threat information	Planned	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
Tribal Public Safety Dispatch	ADOT TOC and EMC	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Tribal Public Safety Dispatch	ADOT TOC and EMC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Tribal Public Safety Dispatch	ATTP Tribal Coordination Website	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Tribal Public Safety Dispatch	ATTP Tribal Coordination Website	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Tribal Public Safety Dispatch	ATTP Tribal Coordination Website	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
Tribal Public Safety Dispatch	ATTP Tribal Coordination Website	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Tribal Public Safety Dispatch	BIA Western Regional Website	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Tribal Public Safety Dispatch	County 911 PSAPs	incident information for public	Existing	Report of current desensitized incident information prepared for public dissemination.
Tribal Public Safety Dispatch	County 911 PSAPs	incident notification response	Existing	Interactive acknowledgement and verification of the incident information received, requests for additional information, and general information on incident response status.
Tribal Public Safety Dispatch	County EMC-EOC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Tribal Public Safety Dispatch	County EMC-EOC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Tribal Public Safety Dispatch	County EMC-EOC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Tribal Public Safety Dispatch	County EMC-EOC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Tribal Public Safety Dispatch	County EMC-EOC	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Tribal Public Safety Dispatch	County EMC-EOC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Tribal Public Safety Dispatch	County EMC-EOC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Tribal Public Safety Dispatch	County EMC-EOC	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Tribal Public Safety Dispatch	County EMC-EOC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Tribal Public Safety Dispatch	DEMA CRT - HazMat Response Team	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Tribal Public Safety Dispatch	DEMA CRT - HazMat Response Team	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Tribal Public Safety Dispatch	DEMA CRT - HazMat Response Team	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Tribal Public Safety Dispatch	DEMA CRT - HazMat Response Team	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Tribal Public Safety Dispatch	DEMA CRT - HazMat Response Team	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Tribal Public Safety Dispatch	DEMA CRT - HazMat Response Team	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Tribal Public Safety Dispatch	DEMA CRT - HazMat Response Team	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Tribal Public Safety Dispatch	DEMA CRT - HazMat Response Team	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Tribal Public Safety Dispatch	DEMA CRT - HazMat Response Team	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
Tribal Public Safety Dispatch	DEMA Enforcement	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Tribal Public Safety Dispatch	DEMA Enforcement	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Tribal Public Safety Dispatch	DEMA Enforcement	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Tribal Public Safety Dispatch	DEMA Enforcement	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Tribal Public Safety Dispatch	DEMA Enforcement	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Tribal Public Safety Dispatch	DEMA Enforcement	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Tribal Public Safety Dispatch	DEMA Enforcement	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Tribal Public Safety Dispatch	DEMA Enforcement	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.

Information Flows – Tabular Format (sorted by Source Element)

RAD-IT Table

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Tribal Public Safety Dispatch	DEMA Enforcement	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Tribal Public Safety Dispatch	DEMA SEOC Arizona DEM Military Affairs	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Tribal Public Safety Dispatch	DEMA SEOC Arizona DEM Military Affairs	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Tribal Public Safety Dispatch	DEMA SEOC Arizona DEM Military Affairs	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Tribal Public Safety Dispatch	DEMA SEOC Arizona DEM Military Affairs	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Tribal Public Safety Dispatch	DEMA SEOC Arizona DEM Military Affairs	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Tribal Public Safety Dispatch	DEMA SEOC Arizona DEM Military Affairs	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Tribal Public Safety Dispatch	DEMA SEOC Arizona DEM Military Affairs	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Tribal Public Safety Dispatch	DEMA SEOC Arizona DEM Military Affairs	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Tribal Public Safety Dispatch	DEMA SEOC Arizona DEM Military Affairs	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Tribal Public Safety Dispatch	DEMA WebEOC System	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Tribal Public Safety Dispatch	DEMA WebEOC System	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Tribal Public Safety Dispatch	DEMA WebEOC System	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Tribal Public Safety Dispatch	DEMA WebEOC System	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Tribal Public Safety Dispatch	DEMA WebEOC System	incident information for public	Existing	Report of current desensitized incident information prepared for public dissemination.
Tribal Public Safety Dispatch	DEMA WebEOC System	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Tribal Public Safety Dispatch	DEMA WebEOC System	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Tribal Public Safety Dispatch	DEMA WebEOC System	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Tribal Public Safety Dispatch	DEMA WebEOC System	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Tribal Public Safety Dispatch	DEMA WebEOC System	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Tribal Public Safety Dispatch	DPS Central Communications Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Tribal Public Safety Dispatch	DPS Central Communications Center	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Tribal Public Safety Dispatch	DPS Central Communications Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Tribal Public Safety Dispatch	DPS Central Communications Center	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
Tribal Public Safety Dispatch	DPS Central Communications Center	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Tribal Public Safety Dispatch	DPS Central Communications Center	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Tribal Public Safety Dispatch	DPS Central Communications Center	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Tribal Public Safety Dispatch	DPS Central Communications Center	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Tribal Public Safety Dispatch	DPS Central Communications Center	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Tribal Public Safety Dispatch	DPS Central Communications Center	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Tribal Public Safety Dispatch	DPS Central Communications Center	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Tribal Public Safety Dispatch	DPS Central Communications Center	remote surveillance control	Planned	The control commands used to remotely operate another center's sensors or surveillance equipment so that roadside surveillance assets can be shared by more than one agency.
Tribal Public Safety Dispatch	DPS Central Communications Center	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Tribal Public Safety Dispatch	DPS Central Communications Center	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
Tribal Public Safety Dispatch	DPS Central Communications Center	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
Tribal Public Safety Dispatch	DPS Central Communications Center	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Tribal Public Safety Dispatch	DPS Central Communications Center	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Tribal Public Safety Dispatch	DPS Console Interface (Other LE)	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Tribal Public Safety Dispatch	DPS Console Interface (Other LE)	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Tribal Public Safety Dispatch	DPS Console Interface (Other LE)	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Tribal Public Safety Dispatch	DPS Console Interface (Other LE)	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Tribal Public Safety Dispatch	DPS Console Interface (Other LE)	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Tribal Public Safety Dispatch	DPS Console Interface (Other LE)	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Tribal Public Safety Dispatch	DPS Console Interface (Other LE)	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Tribal Public Safety Dispatch	DPS Console Interface (Other LE)	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Tribal Public Safety Dispatch	DPS Console Interface (Other LE)	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Tribal Public Safety Dispatch	DPS Data Archive	emergency archive data	Existing	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
Tribal Public Safety Dispatch	Fleet Management Systems	hazmat information request	Existing	Request for information about a particular hazmat load.
Tribal Public Safety Dispatch	Independent School District Bus Dispatch	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Tribal Public Safety Dispatch	Independent School District Bus Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Tribal Public Safety Dispatch	Independent School District Bus Dispatch	emergency transit service request	Existing	Request to modify transit service and fare schedules to address emergencies, including requests for transit services to evacuate people from and/or deploy response agency personnel to an emergency scene. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of transit resources.
Tribal Public Safety Dispatch	Independent School District Bus Dispatch	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Tribal Public Safety Dispatch	Independent School District Bus Dispatch	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Tribal Public Safety Dispatch	Independent School District Bus Dispatch	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Tribal Public Safety Dispatch	Independent School District Bus Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Tribal Public Safety Dispatch	Local Dial-A-Ride Transit Dispatchers	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Tribal Public Safety Dispatch	Local Dial-A-Ride Transit Dispatchers	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Tribal Public Safety Dispatch	Local Dial-A-Ride Transit Dispatchers	emergency transit service request	Planned	Request to modify transit service and fare schedules to address emergencies, including requests for transit services to evacuate people from and/or deploy response agency personnel to an emergency scene. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of transit resources.
Tribal Public Safety Dispatch	Local Dial-A-Ride Transit Dispatchers	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Tribal Public Safety Dispatch	Local Dial-A-Ride Transit Dispatchers	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Tribal Public Safety Dispatch	Local Dial-A-Ride Transit Dispatchers	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Tribal Public Safety Dispatch	Local Dial-A-Ride Transit Dispatchers	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Tribal Public Safety Dispatch	Local Print and Broadcast Media	incident information for media	Existing	Report of current desensitized incident information prepared for public dissemination through the media.
Tribal Public Safety Dispatch	Maricopa County EOC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Tribal Public Safety Dispatch	Maricopa County EOC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Tribal Public Safety Dispatch	Maricopa County EOC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Tribal Public Safety Dispatch	Maricopa County EOC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Tribal Public Safety Dispatch	Maricopa County EOC	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Tribal Public Safety Dispatch	Maricopa County EOC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Tribal Public Safety Dispatch	Maricopa County EOC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Tribal Public Safety Dispatch	Maricopa County EOC	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Tribal Public Safety Dispatch	Maricopa County EOC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Tribal Public Safety Dispatch	POE Data Archive	emergency archive data	Planned	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
Tribal Public Safety Dispatch	Public Private Traveler Information	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Tribal Public Safety Dispatch	Public Private Traveler Information	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Tribal Public Safety Dispatch	Public Private Traveler Information	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
Tribal Public Safety Dispatch	Public Private Traveler Information	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Tribal Public Safety Dispatch	Railroad Operations Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Tribal Public Safety Dispatch	Social Media and Networking	alert notification for social media	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public via social media. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This version of the flow contains only publicly available information and is structured and formatted for publication on specific social media platforms and other public-facing sites.
Tribal Public Safety Dispatch	State Universities Data Archives	emergency archive data	Existing	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
Tribal Public Safety Dispatch	Transit Providers Dispatch (Public and Private)	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Tribal Public Safety Dispatch	Transit Providers Dispatch (Public and Private)	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Tribal Public Safety Dispatch	Transit Providers Dispatch (Public and Private)	emergency transit service request	Planned	Request to modify transit service and fare schedules to address emergencies, including requests for transit services to evacuate people from and/or deploy response agency personnel to an emergency scene. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of transit resources.
Tribal Public Safety Dispatch	Transit Providers Dispatch (Public and Private)	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Tribal Public Safety Dispatch	Transit Providers Dispatch (Public and Private)	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Tribal Public Safety Dispatch	Transit Providers Dispatch (Public and Private)	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Tribal Public Safety Dispatch	Transit Providers Dispatch (Public and Private)	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Tribal Public Safety Dispatch	Tribal Data Archive	emergency archive data	Planned	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
Tribal Public Safety Dispatch	Tribal MCO Dispatch	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Tribal Public Safety Dispatch	Tribal MCO Dispatch	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Tribal Public Safety Dispatch	Tribal MCO Dispatch	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Tribal Public Safety Dispatch	Tribal MCO Dispatch	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Tribal Public Safety Dispatch	Tribal MCO Dispatch	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Tribal Public Safety Dispatch	Tribal MCO Dispatch	maint and constr resource request	Planned	Request for road maintenance and construction resources that can be used in the diversion of traffic (cones, portable signs), clearance of a road hazard, repair of ancillary damage, or any other incident response. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of resources.
Tribal Public Safety Dispatch	Tribal MCO Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Tribal Public Safety Dispatch	Tribal Police and Fire Vehicles	emergency dispatch requests	Planned	Emergency vehicle dispatch instructions including incident location and available information concerning the incident.
Tribal Public Safety Dispatch	Tribal Police and Fire Vehicles	suggested route	Planned	Suggested route for a dispatched emergency or maintenance vehicle that may reflect current network conditions and the additional routing options available to en route emergency or maintenance vehicles that are not available to the general public.
Tribal Public Safety Dispatch	Tribal TMC-TOC-TIC	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Tribal Public Safety Dispatch	Tribal TMC-TOC-TIC	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Tribal Public Safety Dispatch	Tribal TMC-TOC-TIC	emergency traffic control request	Planned	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
Tribal Public Safety Dispatch	Tribal TMC-TOC-TIC	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Tribal Public Safety Dispatch	Tribal TMC-TOC-TIC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Tribal Public Safety Dispatch	Tribal TMC-TOC-TIC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Tribal Public Safety Dispatch	Tribal TMC-TOC-TIC	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
Tribal Public Safety Dispatch	Tribal TMC-TOC-TIC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Tribal Public Safety Dispatch	Wide Area Alerting Systems	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Tribal Public Safety Dispatch	Wide Area Alerting Systems	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Tribal Public Safety Dispatch	Wide Area Alerting Systems	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Tribal Public Safety Dispatch	Wide Area Alerting Systems	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Tribal TMC-TOC-TIC	ADOT DEOC-Dept EM Ops Center	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Tribal TMC-TOC-TIC	ADOT DEOC-Dept EM Ops Center	emergency traffic control information	Planned	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
Tribal TMC-TOC-TIC	ADOT DEOC-Dept EM Ops Center	emergency traffic coordination	Planned	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
Tribal TMC-TOC-TIC	ADOT DEOC-Dept EM Ops Center	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
Tribal TMC-TOC-TIC	ADOT DEOC-Dept EM Ops Center	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
Tribal TMC-TOC-TIC	ADOT DEOC-Dept EM Ops Center	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
Tribal TMC-TOC-TIC	ADOT HazMat Response Team	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Tribal TMC-TOC-TIC	ADOT HazMat Response Team	emergency traffic control information	Planned	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Tribal TMC-TOC-TIC	ADOT HazMat Response Team	emergency traffic coordination	Planned	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
Tribal TMC-TOC-TIC	ADOT HazMat Response Team	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
Tribal TMC-TOC-TIC	ADOT HazMat Response Team	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
Tribal TMC-TOC-TIC	ADOT HazMat Response Team	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
Tribal TMC-TOC-TIC	ADOT TOC and EMC	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Tribal TMC-TOC-TIC	ADOT TOC and EMC	device control request	Planned	Request for device control action
Tribal TMC-TOC-TIC	ADOT TOC and EMC	device data	Planned	Data from detectors, environmental sensor stations, roadside equipment, and traffic control devices, including device inventory information.
Tribal TMC-TOC-TIC	ADOT TOC and EMC	device status	Planned	Status information from devices
Tribal TMC-TOC-TIC	ADOT TOC and EMC	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Tribal TMC-TOC-TIC	ADOT TOC and EMC	emergency traffic control information	Planned	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
Tribal TMC-TOC-TIC	ADOT TOC and EMC	emergency traffic coordination	Planned	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Tribal TMC-TOC-TIC	ADOT TOC and EMC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Tribal TMC-TOC-TIC	ADOT TOC and EMC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Tribal TMC-TOC-TIC	ADOT TOC and EMC	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
Tribal TMC-TOC-TIC	ADOT TOC and EMC	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
Tribal TMC-TOC-TIC	ADOT TOC and EMC	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
Tribal TMC-TOC-TIC	ADOT TOC and EMC	road network environmental situation data	Planned	Aggregated environmental situation data collected from vehicles and other sources for the road network. Aggregated information would include measured air temperature, exterior light status, wiper status, sun sensor status, rain sensor status, traction control status, ALB status, and other collected vehicle system status and sensor information for the region.
Tribal TMC-TOC-TIC	ADOT TOC and EMC	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
Tribal TMC-TOC-TIC	ADOT TOC and EMC	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
Tribal TMC-TOC-TIC	ATTP Tribal Coordination Website	alternate mode information	Planned	Schedule information for alternate mode transportation providers such as air, ferry, and passenger-carrying heavy rail. This also includes details of incidents and other service disruptions that have occurred in the alternative mode. This also includes measures of service demand that supports assessment of their impact on the road network.

Information Flows – Tabular Format (sorted by Source Element)

RAD-IT Table

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Tribal TMC-TOC-TIC	ATTP Tribal Coordination Website	emergency traveler information	Planned	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
Tribal TMC-TOC-TIC	ATTP Tribal Coordination Website	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
Tribal TMC-TOC-TIC	ATTP Tribal Coordination Website	parking information	Planned	General parking information and status, including current parking availability, parking pricing, and parking space availability information, including features like number and type of electric charging spots.
Tribal TMC-TOC-TIC	ATTP Tribal Coordination Website	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
Tribal TMC-TOC-TIC	ATTP Tribal Coordination Website	traffic control information	Planned	Represents the flow of traffic control and status information between centers. This is reporting only, not actual control. This specifically includes the current state of any demand management strategies that have been implemented.
Tribal TMC-TOC-TIC	ATTP Tribal Coordination Website	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
Tribal TMC-TOC-TIC	ATTP Tribal Coordination Website	transit service information	Planned	Transit service information including routes, schedules, and fare information as well as dynamic transit schedule adherence and transit vehicle location information.
Tribal TMC-TOC-TIC	BIA Western Regional Website	emergency traveler information	Planned	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
Tribal TMC-TOC-TIC	BIA Western Regional Website	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
Tribal TMC-TOC-TIC	BIA Western Regional Website	traffic control information	Planned	Represents the flow of traffic control and status information between centers. This is reporting only, not actual control. This specifically includes the current state of any demand management strategies that have been implemented.
Tribal TMC-TOC-TIC	BIA Western Regional Website	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Tribal TMC-TOC-TIC	DEMA SEOC Arizona DEM Military Affairs	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Tribal TMC-TOC-TIC	DEMA SEOC Arizona DEM Military Affairs	emergency traffic control information	Planned	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.
Tribal TMC-TOC-TIC	DEMA SEOC Arizona DEM Military Affairs	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
Tribal TMC-TOC-TIC	DEMA SEOC Arizona DEM Military Affairs	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
Tribal TMC-TOC-TIC	DEMA SEOC Arizona DEM Military Affairs	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
Tribal TMC-TOC-TIC	Independent School District Bus Dispatch	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
Tribal TMC-TOC-TIC	Local Dial-A-Ride Transit Dispatchers	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
Tribal TMC-TOC-TIC	Local Print and Broadcast Media	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
Tribal TMC-TOC-TIC	Local Print and Broadcast Media	traffic information for media	Planned	Report of traffic conditions including traffic incident reports for public dissemination through the media. The reports may also include information on diversions and alternate routes, closures, and special traffic restrictions in effect.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Tribal TMC-TOC-TIC	Personal Information Devices for Travelers	emergency traveler information	Planned	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
Tribal TMC-TOC-TIC	Public Private Traveler Information	emergency traveler information	Planned	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
Tribal TMC-TOC-TIC	Public Private Traveler Information	traffic control information	Planned	Represents the flow of traffic control and status information between centers. This is reporting only, not actual control. This specifically includes the current state of any demand management strategies that have been implemented.
Tribal TMC-TOC-TIC	Transit Providers Dispatch (Public and Private)	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
Tribal TMC-TOC-TIC	Tribal Data Archive	traffic archive data	Planned	Information describing the use and vehicle composition on transportation facilities and the traffic control strategies employed. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
Tribal TMC-TOC-TIC	Tribal Data Archive	traveler archive data	Planned	Data associated with traveler information services including service requests, facility usage, rideshare, routing, and traveler payment transaction data. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
Tribal TMC-TOC-TIC	Tribal ITS Field Equipment	passive vehicle monitoring control	Planned	Control commands used to control detection systems that rely on infrastructure-based identification of individual vehicles to measure travel times and other related measures by identifying the same vehicle at different points in the network. Related technologies include Bluetooth readers and license plate recognition systems.
Tribal TMC-TOC-TIC	Tribal ITS Field Equipment	roadway dynamic signage data	Planned	Information used to initialize, configure, and control dynamic message signs. This flow can provide message content and delivery attributes, local message store maintenance requests, control mode commands, status queries, and all other commands and associated parameters that support remote management of these devices.
Tribal TMC-TOC-TIC	Tribal ITS Field Equipment	signal control commands	Planned	Control of traffic signal controllers or field masters including clock synchronization.
Tribal TMC-TOC-TIC	Tribal ITS Field Equipment	signal control device configuration	Planned	Data used to configure traffic signal control equipment including local controllers and system masters.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Tribal TMC-TOC-TIC	Tribal ITS Field Equipment	signal control plans	Planned	Traffic signal timing parameters including minimum green time and interval durations for basic operation and cycle length, splits, offset, phase sequence, etc. for coordinated systems.
Tribal TMC-TOC-TIC	Tribal ITS Field Equipment	signal system configuration	Planned	Data used to configure traffic signal systems including configuring control sections and mode of operation (time based or traffic responsive).
Tribal TMC-TOC-TIC	Tribal ITS Field Equipment	traffic detector control	Planned	Information used to configure and control traffic detector systems such as inductive loop detectors and machine vision sensors.
Tribal TMC-TOC-TIC	Tribal ITS Field Equipment	video surveillance control	Planned	Information used to configure and control video surveillance systems.
Tribal TMC-TOC-TIC	Tribal MCO Dispatch	equipment maintenance request	Planned	Identification of field equipment requiring repair and known information about the associated faults.
Tribal TMC-TOC-TIC	Tribal MCO Dispatch	maint and constr resource request	Planned	Request for road maintenance and construction resources that can be used in the diversion of traffic (cones, portable signs), clearance of a road hazard, repair of ancillary damage, or any other incident response. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of resources.
Tribal TMC-TOC-TIC	Tribal MCO Dispatch	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
Tribal TMC-TOC-TIC	Tribal MCO Dispatch	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
Tribal TMC-TOC-TIC	Tribal MCO Dispatch	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
Tribal TMC-TOC-TIC	Tribal Public Safety Dispatch	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Tribal TMC-TOC-TIC	Tribal Public Safety Dispatch	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Tribal TMC-TOC-TIC	Tribal Public Safety Dispatch	emergency traffic control information	Planned	Status of a special traffic control strategy or system activation implemented in response to an emergency traffic control request, a request for emergency access routes, a request for evacuation, a request to activate closure systems, a request to employ driver information systems to support public safety objectives, or other special requests. Identifies the selected traffic control strategy and system control status.

Information Flows – Tabular Format (sorted by Source Element)

RAD-IT Table

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Tribal TMC-TOC-TIC	Tribal Public Safety Dispatch	resource deployment status	Planned	Status of resource deployment identifying the resources (vehicles, equipment, materials, and personnel) available and their current status. General resource inventory information and specific status of deployed resources may be included.
Tribal TMC-TOC-TIC	Tribal Public Safety Dispatch	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
Tribal TMC-TOC-TIC	Tribal Public Safety Dispatch	road network status assessment	Planned	Assessment of damage sustained by the road network including location and extent of the damage, estimate of remaining capacity, required closures, alternate routes, necessary restrictions, and time frame for repair and recovery.
Tribal TMC-TOC-TIC	Tribal Public Safety Dispatch	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
Tribal TMC-TOC-TIC	Tribal Transit Centers	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
Tribal TMC-TOC-TIC	Tribal Transit Centers	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
Tribal TMC-TOC-TIC	Wide Area Alerting Systems	alternate mode information	Planned	Schedule information for alternate mode transportation providers such as air, ferry, and passenger-carrying heavy rail. This also includes details of incidents and other service disruptions that have occurred in the alternative mode. This also includes measures of service demand that supports assessment of their impact on the road network.
Tribal TMC-TOC-TIC	Wide Area Alerting Systems	emergency traveler information	Planned	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
Tribal TMC-TOC-TIC	Wide Area Alerting Systems	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
Tribal TMC-TOC-TIC	Wide Area Alerting Systems	parking information	Planned	General parking information and status, including current parking availability, parking pricing, and parking space availability information, including features like number and type of electric charging spots.
Tribal TMC-TOC-TIC	Wide Area Alerting Systems	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Tribal TMC-TOC-TIC	Wide Area Alerting Systems	traffic control information	Planned	Represents the flow of traffic control and status information between centers. This is reporting only, not actual control. This specifically includes the current state of any demand management strategies that have been implemented.
Tribal TMC-TOC-TIC	Wide Area Alerting Systems	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
Tribal TMC-TOC-TIC	Wide Area Alerting Systems	transit service information	Planned	Transit service information including routes, schedules, and fare information as well as dynamic transit schedule adherence and transit vehicle location information.
Tribal Transit Centers	ADOT DEOC-Dept EM Ops Center	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Tribal Transit Centers	ADOT DEOC-Dept EM Ops Center	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Tribal Transit Centers	ADOT DEOC-Dept EM Ops Center	emergency transit schedule information	Planned	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Tribal Transit Centers	ADOT DEOC-Dept EM Ops Center	emergency transit service response	Planned	Response indicating changes to transit service, fares, and/or restrictions that will be made and status of transit resources to be deployed to support emergency response and/or evacuation.
Tribal Transit Centers	ADOT DEOC-Dept EM Ops Center	transit emergency data	Planned	Initial notification of transit emergency at a transit stop or on transit vehicles and further coordination as additional details become available and the response is coordinated.
Tribal Transit Centers	ADOT DEOC-Dept EM Ops Center	transit system status assessment	Planned	Assessment of damage sustained by the public transportation system including location and extent of the damage, current operational status including an estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Tribal Transit Centers	ATTP Tribal Coordination Website	emergency transit schedule information	Planned	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Tribal Transit Centers	BIA Western Regional Website	emergency transit schedule information	Planned	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Tribal Transit Centers	Cities and Towns Transit Dispatch	transit fare coordination	Planned	Fare and pricing information shared between local/regional transit organizations.
Tribal Transit Centers	Cities and Towns Transit Dispatch	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Tribal Transit Centers	County Transit Kiosks	authorization response	Planned	Notification of status of authorization request.
Tribal Transit Centers	County Transit Kiosks	transit traveler information	Planned	Transit information prepared to support transit users and other travelers. It contains transit schedules, real-time arrival information, fare schedules, alerts and advisories, and general transit service information.
Tribal Transit Centers	DEMA SEOC Arizona DEM Military Affairs	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Tribal Transit Centers	DEMA SEOC Arizona DEM Military Affairs	emergency transit schedule information	Planned	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Tribal Transit Centers	DEMA SEOC Arizona DEM Military Affairs	emergency transit service response	Planned	Response indicating changes to transit service, fares, and/or restrictions that will be made and status of transit resources to be deployed to support emergency response and/or evacuation.
Tribal Transit Centers	DEMA SEOC Arizona DEM Military Affairs	transit system status assessment	Planned	Assessment of damage sustained by the public transportation system including location and extent of the damage, current operational status including an estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Tribal Transit Centers	Financial Institution	payment request	Planned	Request for payment from financial institution or related financial service requests (e.g., balance inquiry)
Tribal Transit Centers	Local Dial-A-Ride Transit Dispatchers	transit fare coordination	Planned	Fare and pricing information shared between local/regional transit organizations.
Tribal Transit Centers	Local Dial-A-Ride Transit Dispatchers	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
Tribal Transit Centers	NAIPTA (dba Mountain Line) Bus Arrival System	authorization response	Planned	Notification of status of authorization request.
Tribal Transit Centers	NAIPTA (dba Mountain Line) Bus Arrival System	fare management information	Planned	Transit fare information and transaction data used to manage transit fare processing.
Tribal Transit Centers	NAIPTA (dba Mountain Line) Bus Arrival System	transit traveler information	Planned	Transit information prepared to support transit users and other travelers. It contains transit schedules, real-time arrival information, fare schedules, alerts and advisories, and general transit service information.
Tribal Transit Centers	NAIPTA (dba Mountain Line) Paratransit	transit fare coordination	Planned	Fare and pricing information shared between local/regional transit organizations.
Tribal Transit Centers	NAIPTA (dba Mountain Line) Paratransit	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.

Information Flows – Tabular Format (sorted by Source Element)

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Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Tribal Transit Centers	NAIPTA (dba Mountain Line) Transit Management Center	transit fare coordination	Planned	Fare and pricing information shared between local/regional transit organizations.
Tribal Transit Centers	NAIPTA (dba Mountain Line) Transit Management Center	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
Tribal Transit Centers	NAIPTA (dba Mountain Line) Transit Management Center	transit traveler information coordination	Planned	Transit schedules, real-time arrival information, fare schedules, and general transit service information shared between transit organizations to support transit traveler information systems.
Tribal Transit Centers	NAIPTA (dba Mountain Line) Website and FLGRide	transit and fare schedules	Planned	Transit service information including routes, schedules, and fare information. This also includes on-demand service information.
Tribal Transit Centers	NAIPTA (dba Mountain Line) Website and FLGRide	transit fare information	Planned	Information provided by transit management that supports fare payment transactions.
Tribal Transit Centers	NAIPTA (dba Mountain Line) Website and FLGRide	transit trip plan	Planned	An origin-destination transit trip that may involve multiple modes and connections.
Tribal Transit Centers	Payment Administration Center	account updates	Planned	Updates to an account, such as purchases, uses, cancellation, secureID changes or similar material changes to account information.
Tribal Transit Centers	Payment Administration Center	smart card reconciliation	Planned	Detailed list of charges of the form charge/transport provider, taken from a smart card that need to be applied to the listed providers.
Tribal Transit Centers	Personal Information Devices for Travelers	personal transit information	Planned	General and personalized transit information for a particular fixed route, flexible route, or paratransit system.
Tribal Transit Centers	Personal Information Devices for Travelers	traveler payment request	Planned	Request for information supporting payments. For fee structures that include incentives, the request may support either an account debit or an account credit or reimbursement.
Tribal Transit Centers	Private Transit Routing Service Provider	authorization response	Planned	Notification of status of authorization request.
Tribal Transit Centers	Private Transit Routing Service Provider	fare management information	Planned	Transit fare information and transaction data used to manage transit fare processing.
Tribal Transit Centers	Private Transit Routing Service Provider	personal transit information	Planned	General and personalized transit information for a particular fixed route, flexible route, or paratransit system.
Tribal Transit Centers	Private Transit Routing Service Provider	transit traveler information	Planned	Transit information prepared to support transit users and other travelers. It contains transit schedules, real-time arrival information, fare schedules, alerts and advisories, and general transit service information.
Tribal Transit Centers	Private Transit Routing Service Provider	traveler payment request	Planned	Request for information supporting payments. For fee structures that include incentives, the request may support either an account debit or an account credit or reimbursement.
Tribal Transit Centers	Private Transit Routing Service Provider	user account reports	Planned	Reports on services offered/provided and associated charges.
Tribal Transit Centers	Public Private Traveler Information	transit and fare schedules	Planned	Transit service information including routes, schedules, and fare information. This also includes on-demand service information.
Tribal Transit Centers	Public Private Traveler Information	transit fare information	Planned	Information provided by transit management that supports fare payment transactions.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Tribal Transit Centers	Public Private Traveler Information	transit trip plan	Planned	An origin-destination transit trip that may involve multiple modes and connections.
Tribal Transit Centers	Transit Providers Dispatch (Public and Private)	transit fare coordination	Planned	Fare and pricing information shared between local/regional transit organizations.
Tribal Transit Centers	Transit Providers Dispatch (Public and Private)	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
Tribal Transit Centers	Transit Providers Dispatch (Public and Private)	transit traveler information coordination	Planned	Transit schedules, real-time arrival information, fare schedules, and general transit service information shared between transit organizations to support transit traveler information systems.
Tribal Transit Centers	Tribal Data Archive	transit archive data	Planned	Data used to describe and monitor transit demand, fares, operations, and system performance. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
Tribal Transit Centers	Tribal TMC-TOC-TIC	emergency transit schedule information	Planned	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Tribal Transit Centers	Tribal Transit Vehicles	alarm acknowledge	Existing	Confirmation that alarm was received, instructions and additional information for the alarm initiator, and requests for additional information.
Tribal Transit Centers	Tribal Transit Vehicles	authorization response	Planned	Notification of status of authorization request.
Tribal Transit Centers	Tribal Transit Vehicles	fare management information	Existing	Transit fare information and transaction data used to manage transit fare processing.
Tribal Transit Centers	Tribal Transit Vehicles	remote vehicle disable	Existing	Signal used to remotely disable a transit vehicle.
Tribal Transit Centers	Tribal Transit Vehicles	transit schedule information	Existing	Current and projected transit schedule information used to initialize the transit vehicle with a vehicle assignment, monitor schedule performance, and develop corrective actions on-board.
Tribal Transit Centers	Tribal Transit Vehicles	transit stop request	Planned	Notification that a transit stop has been requested by a transit user at a roadside stop. This flow identifies the route, stop, and the time of the request.
Tribal Transit Centers	Tribal Transit Vehicles	transit vehicle operator authentication update	Planned	Results of authentication process or update of on-board authentication database.
Tribal Transit Centers	Tribal Transit Vehicles	transit vehicle operator information	Existing	Transit service instructions, wide area alerts, traffic information, road conditions, and other information for both transit and paratransit operators.
Tribal Transit Centers	YCAT Kiosks	authorization response	Planned	Notification of status of authorization request.
Tribal Transit Centers	YCAT Kiosks	fare management information	Planned	Transit fare information and transaction data used to manage transit fare processing.
Tribal Transit Centers	YCAT Kiosks	transit traveler information	Planned	Transit information prepared to support transit users and other travelers. It contains transit schedules, real-time arrival information, fare schedules, alerts and advisories, and general transit service information.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Tribal Transit Centers	YCAT Transit Passes	authorization response	Planned	Notification of status of authorization request.
Tribal Transit Centers	YCAT Transit Passes	fare management information	Planned	Transit fare information and transaction data used to manage transit fare processing.
Tribal Transit Centers	YCAT Website	demand responsive transit plan	Planned	Plan regarding overall demand responsive transit schedules and deployment.
Tribal Transit Centers	YCAT Website	transit and fare schedules	Planned	Transit service information including routes, schedules, and fare information. This also includes on-demand service information.
Tribal Transit Centers	YCAT Website	transit fare information	Planned	Information provided by transit management that supports fare payment transactions.
Tribal Transit Centers	YCAT Website	transit schedule adherence information	Planned	Dynamic transit schedule adherence and transit vehicle location information.
Tribal Transit Centers	YCAT Website	transit trip plan	Planned	An origin-destination transit trip that may involve multiple modes and connections.
Tribal Transit Centers	Yuma County Area Transit (YCAT)	transit fare coordination	Planned	Fare and pricing information shared between local/regional transit organizations.
Tribal Transit Centers	Yuma County Area Transit (YCAT)	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
Tribal Transit Centers	Yuma County Area Transit (YCAT)	transit traveler information coordination	Planned	Transit schedules, real-time arrival information, fare schedules, and general transit service information shared between transit organizations to support transit traveler information systems.
Tribal Transit Vehicles	Payment Administration Center	authorization request	Planned	Request to determine if a transportation user is authorized to use a particular transportation resource.
Tribal Transit Vehicles	Traveler Card-Smartcard	payment device update	Planned	Information updated concerning traveler's personal data including name, address, user account information, trip records, and profile data.
Tribal Transit Vehicles	Traveler Card-Smartcard	request for payment	Planned	Request to deduct cost of service from user's payment account.
Tribal Transit Vehicles	Tribal Transit Centers	alarm notification	Existing	Notification of activation of an audible or silent alarm by a traveler in a public area or by a transit vehicle operator using an on-board device.
Tribal Transit Vehicles	Tribal Transit Centers	authorization request	Planned	Request to determine if a transportation user is authorized to use a particular transportation resource.
Tribal Transit Vehicles	Tribal Transit Centers	demand response passenger and use data	Existing	Data collected on board a demand response vehicle relating to the picking up and discharging of passengers.
Tribal Transit Vehicles	Tribal Transit Centers	fare collection data	Existing	Fare collection information including the summary of fare system data and financial payment transaction data.
Tribal Transit Vehicles	Tribal Transit Centers	transit vehicle conditions	Existing	Operating conditions of transit vehicle (e.g., engine running, oil pressure, fuel level and usage). It includes status of other on-board systems including user displays, passenger counters, and security systems. This overall status information is also collected from unused (out of service) vehicles.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Tribal Transit Vehicles	Tribal Transit Centers	transit vehicle loading data	Existing	Data collected on board the transit vehicle relating to passenger boarding and alighting.
Tribal Transit Vehicles	Tribal Transit Centers	transit vehicle location data	Planned	Current transit vehicle location and related operational conditions data provided by a transit vehicle.
Tribal Transit Vehicles	Tribal Transit Centers	transit vehicle operator authentication information	Existing	Information regarding on-board transit operator authentication
Tribal Transit Vehicles	Tribal Transit Centers	transit vehicle schedule performance	Existing	Estimated times of arrival and anticipated schedule deviations reported by a transit vehicle.
Tribal Transit Vehicles	YCAT Transit Passes	payment device update	Planned	Information updated concerning traveler's personal data including name, address, user account information, trip records, and profile data.
Tribal Transit Vehicles	YCAT Transit Passes	request for payment	Planned	Request to deduct cost of service from user's payment account.
US Border Patrol Dispatch	ADOT DEOC-Dept EM Ops Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
US Border Patrol Dispatch	ADOT DEOC-Dept EM Ops Center	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
US Border Patrol Dispatch	ADOT DEOC-Dept EM Ops Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
US Border Patrol Dispatch	ADOT DEOC-Dept EM Ops Center	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
US Border Patrol Dispatch	ADOT DEOC-Dept EM Ops Center	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
US Border Patrol Dispatch	ADOT DEOC-Dept EM Ops Center	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
US Border Patrol Dispatch	ADOT DEOC-Dept EM Ops Center	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
US Border Patrol Dispatch	ADOT DEOC-Dept EM Ops Center	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
US Border Patrol Dispatch	ADOT DEOC-Dept EM Ops Center	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
US Border Patrol Dispatch	ADOT DEOC-Dept EM Ops Center	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
US Border Patrol Dispatch	ADOT DEOC-Dept EM Ops Center	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
US Border Patrol Dispatch	ADOT DEOC-Dept EM Ops Center	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
US Border Patrol Dispatch	ADOT DEOC-Dept EM Ops Center	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
US Border Patrol Dispatch	ADOT ECD Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
US Border Patrol Dispatch	ADOT ECD Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
US Border Patrol Dispatch	ADOT ECD Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
US Border Patrol Dispatch	ADOT ECD Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
US Border Patrol Dispatch	ADOT ECD Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
US Border Patrol Dispatch	ADOT ECD Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
US Border Patrol Dispatch	ADOT ECD Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
US Border Patrol Dispatch	ADOT ECD Operational Communications	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
US Border Patrol Dispatch	ADOT ECD Operational Communications	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
US Border Patrol Dispatch	ADOT ECD Operational Communications	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.

Information Flows – Tabular Format (sorted by Source Element)

RAD-IT Table

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
US Border Patrol Dispatch	ADOT ECD Operational Communications	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
US Border Patrol Dispatch	ADOT ECD Operational Communications	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
US Border Patrol Dispatch	ADOT ECD Operational Communications	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
US Border Patrol Dispatch	ADOT ECD Operational Communications	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
US Border Patrol Dispatch	ADOT ECD Operational Communications	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
US Border Patrol Dispatch	ADOT Motor Vehicle Division (MVD) Database	emergency archive data	Planned	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
US Border Patrol Dispatch	DEMA Enforcement	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
US Border Patrol Dispatch	DEMA Enforcement	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
US Border Patrol Dispatch	DEMA Enforcement	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
US Border Patrol Dispatch	DEMA Enforcement	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
US Border Patrol Dispatch	DEMA Enforcement	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
US Border Patrol Dispatch	DEMA Enforcement	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
US Border Patrol Dispatch	DEMA Enforcement	transportation system status	Existing	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
US Border Patrol Dispatch	DEMA SEOC Arizona DEM Military Affairs	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
US Border Patrol Dispatch	DEMA SEOC Arizona DEM Military Affairs	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
US Border Patrol Dispatch	DEMA SEOC Arizona DEM Military Affairs	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
US Border Patrol Dispatch	DEMA SEOC Arizona DEM Military Affairs	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
US Border Patrol Dispatch	DEMA SEOC Arizona DEM Military Affairs	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
US Border Patrol Dispatch	DEMA SEOC Arizona DEM Military Affairs	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
US Border Patrol Dispatch	DEMA SEOC Arizona DEM Military Affairs	transportation system status	Existing	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
US Border Patrol Dispatch	DEMA WebEOC System	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
US Border Patrol Dispatch	DEMA WebEOC System	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
US Border Patrol Dispatch	DEMA WebEOC System	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
US Border Patrol Dispatch	DEMA WebEOC System	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
US Border Patrol Dispatch	DEMA WebEOC System	incident information for public	Existing	Report of current desensitized incident information prepared for public dissemination.
US Border Patrol Dispatch	DEMA WebEOC System	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
US Border Patrol Dispatch	DEMA WebEOC System	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
US Border Patrol Dispatch	DEMA WebEOC System	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
US Border Patrol Dispatch	DPS Central Communications Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
US Border Patrol Dispatch	DPS Central Communications Center	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
US Border Patrol Dispatch	DPS Central Communications Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
US Border Patrol Dispatch	DPS Central Communications Center	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
US Border Patrol Dispatch	DPS Central Communications Center	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
US Border Patrol Dispatch	DPS Central Communications Center	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
US Border Patrol Dispatch	DPS Central Communications Center	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
US Border Patrol Dispatch	DPS Central Communications Center	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
US Border Patrol Dispatch	DPS Central Communications Center	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
US Border Patrol Dispatch	DPS Central Communications Center	incident response status	Existing	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
US Border Patrol Dispatch	DPS Central Communications Center	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
US Border Patrol Dispatch	DPS Central Communications Center	resource request	Existing	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
US Border Patrol Dispatch	DPS Central Communications Center	transportation system status	Existing	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
US Border Patrol Dispatch	DPS Console Interface (Other LE)	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
US Border Patrol Dispatch	DPS Console Interface (Other LE)	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
US Border Patrol Dispatch	DPS Console Interface (Other LE)	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
US Border Patrol Dispatch	DPS Console Interface (Other LE)	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
US Border Patrol Dispatch	DPS Console Interface (Other LE)	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
US Border Patrol Dispatch	DPS Console Interface (Other LE)	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
US Border Patrol Dispatch	DPS Console Interface (Other LE)	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
US Border Patrol Dispatch	Independent School District Bus Dispatch	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
US Border Patrol Dispatch	Independent School District Bus Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
US Border Patrol Dispatch	Independent School District Bus Dispatch	emergency transit service request	Existing	Request to modify transit service and fare schedules to address emergencies, including requests for transit services to evacuate people from and/or deploy response agency personnel to an emergency scene. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of transit resources.
US Border Patrol Dispatch	Independent School District Bus Dispatch	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
US Border Patrol Dispatch	Independent School District Bus Dispatch	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
US Border Patrol Dispatch	Independent School District Bus Dispatch	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
US Border Patrol Dispatch	Independent School District Bus Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
US Border Patrol Dispatch	Local Dial-A-Ride Transit Dispatchers	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
US Border Patrol Dispatch	Local Dial-A-Ride Transit Dispatchers	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
US Border Patrol Dispatch	Maricopa County EOC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
US Border Patrol Dispatch	Maricopa County EOC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
US Border Patrol Dispatch	Maricopa County EOC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
US Border Patrol Dispatch	Maricopa County EOC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
US Border Patrol Dispatch	Maricopa County EOC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
US Border Patrol Dispatch	Maricopa County EOC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
US Border Patrol Dispatch	Maricopa County EOC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
US Border Patrol Dispatch	Mexico Customs and Border Patrol	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
US Border Patrol Dispatch	Mexico Customs and Border Patrol	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
US Border Patrol Dispatch	Mexico Customs and Border Patrol	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
US Border Patrol Dispatch	Mexico Customs and Border Patrol	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
US Border Patrol Dispatch	Mexico Customs and Border Patrol	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
US Border Patrol Dispatch	Mexico Customs and Border Patrol	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
US Border Patrol Dispatch	Mexico Customs and Border Patrol	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
US Border Patrol Dispatch	Mexico Public Safety	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
US Border Patrol Dispatch	Mexico Public Safety	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
US Border Patrol Dispatch	Mexico Public Safety	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
US Border Patrol Dispatch	Mexico Public Safety	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
US Border Patrol Dispatch	Mexico Public Safety	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
US Border Patrol Dispatch	Mexico Public Safety	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
US Border Patrol Dispatch	Mexico Public Safety	transportation system status	Existing	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
US Border Patrol Dispatch	Mexico Regional Maintenance Section	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
US Border Patrol Dispatch	Mexico Regional Maintenance Section	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
US Border Patrol Dispatch	Mexico Regional Maintenance Section	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
US Border Patrol Dispatch	Mexico Regional Maintenance Section	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
US Border Patrol Dispatch	Mexico Regional Maintenance Section	maint and constr resource request	Planned	Request for road maintenance and construction resources that can be used in the diversion of traffic (cones, portable signs), clearance of a road hazard, repair of ancillary damage, or any other incident response. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of resources.
US Border Patrol Dispatch	Mexico Regional Maintenance Section	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
US Border Patrol Dispatch	Railroad Operations Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
US Border Patrol Dispatch	Social Media and Networking	alert notification for social media	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public via social media. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This version of the flow contains only publicly available information and is structured and formatted for publication on specific social media platforms and other public-facing sites.
US Border Patrol Dispatch	Transit Providers Dispatch (Public and Private)	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
US Border Patrol Dispatch	Transit Providers Dispatch (Public and Private)	emergency transit service request	Existing	Request to modify transit service and fare schedules to address emergencies, including requests for transit services to evacuate people from and/or deploy response agency personnel to an emergency scene. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of transit resources.
US Border Patrol Dispatch	Transit Providers Dispatch (Public and Private)	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
US Border Patrol Dispatch	Transit Providers Dispatch (Public and Private)	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
US Border Patrol Dispatch	Transit Providers Dispatch (Public and Private)	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
US Border Patrol Dispatch	US Border Patrol Vehicles	emergency dispatch requests	Existing	Emergency vehicle dispatch instructions including incident location and available information concerning the incident.
US Border Patrol Vehicles	US Border Patrol Dispatch	emergency dispatch response	Existing	Request for additional emergency dispatch information and provision of en route status.
US Border Patrol Vehicles	US Border Patrol Dispatch	emergency vehicle tracking data	Existing	The current location and operating status of the emergency vehicle.
US VISIT System	ADOT TOC Traffic Information Center	border crossing status information	Existing	Port of entry status including current wait-times, lane configuration and status including closures and restrictions, and notification of incidents at the border
US VISIT System	CBP Website	border crossing status information	Existing	Port of entry status including current wait-times, lane configuration and status including closures and restrictions, and notification of incidents at the border

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
US VISIT System	POE Administration Center	border security input	Existing	Information regarding security related events occurring at the border.
US VISIT System	POE Roadway Inspection Systems	border crossing status information	Existing	Port of entry status including current wait-times, lane configuration and status including closures and restrictions, and notification of incidents at the border
US VISIT System	Public Private Traveler Information	border crossing status information	Existing	Port of entry status including current wait-times, lane configuration and status including closures and restrictions, and notification of incidents at the border
US VISIT System	Wide Area Alerting Systems	border crossing status information	Planned	Port of entry status including current wait-times, lane configuration and status including closures and restrictions, and notification of incidents at the border
Utah State Police Dispatch	ADOT DEOC-Dept EM Ops Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Utah State Police Dispatch	ADOT DEOC-Dept EM Ops Center	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Utah State Police Dispatch	ADOT DEOC-Dept EM Ops Center	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Utah State Police Dispatch	ADOT DEOC-Dept EM Ops Center	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
Utah State Police Dispatch	ADOT DEOC-Dept EM Ops Center	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Utah State Police Dispatch	ADOT DEOC-Dept EM Ops Center	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Utah State Police Dispatch	ADOT DEOC-Dept EM Ops Center	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Utah State Police Dispatch	ADOT DEOC-Dept EM Ops Center	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Utah State Police Dispatch	ADOT DEOC-Dept EM Ops Center	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Utah State Police Dispatch	ADOT DEOC-Dept EM Ops Center	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Utah State Police Dispatch	ADOT DEOC-Dept EM Ops Center	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Utah State Police Dispatch	ADOT DEOC-Dept EM Ops Center	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Utah State Police Dispatch	ADOT DEOC-Dept EM Ops Center	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
Utah State Police Dispatch	ADOT DEOC-Dept EM Ops Center	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
Utah State Police Dispatch	ADOT DEOC-Dept EM Ops Center	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Utah State Police Dispatch	ADOT DEOC-Dept EM Ops Center	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Utah State Police Dispatch	ADOT ECD Dispatch	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Utah State Police Dispatch	ADOT ECD Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Utah State Police Dispatch	ADOT ECD Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Utah State Police Dispatch	ADOT ECD Dispatch	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Utah State Police Dispatch	ADOT ECD Dispatch	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Utah State Police Dispatch	ADOT ECD Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Utah State Police Dispatch	ADOT ECD Dispatch	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Utah State Police Dispatch	ADOT ECD Dispatch	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Utah State Police Dispatch	ADOT ECD Dispatch	transportation system status	Existing	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Utah State Police Dispatch	ADOT ECD Operational Communications	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Utah State Police Dispatch	ADOT ECD Operational Communications	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Utah State Police Dispatch	ADOT ECD Operational Communications	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Utah State Police Dispatch	ADOT ECD Operational Communications	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Utah State Police Dispatch	ADOT ECD Operational Communications	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Utah State Police Dispatch	ADOT ECD Operational Communications	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Utah State Police Dispatch	ADOT ECD Operational Communications	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Utah State Police Dispatch	ADOT ECD Operational Communications	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Utah State Police Dispatch	ADOT ECD Operational Communications	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Utah State Police Dispatch	ADOT Motor Vehicle Division (MVD) Database	emergency archive data	Planned	Logged emergency information including information that characterizes identified incidents (routine highway incidents through disasters), corresponding incident response information, evacuation information, surveillance data, threat data, and resource information. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
Utah State Police Dispatch	ADOT TOC and EMC	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Utah State Police Dispatch	ADOT TOC and EMC	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Utah State Police Dispatch	ADOT TOC and EMC	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Utah State Police Dispatch	ADOT TOC and EMC	emergency traffic control request	Planned	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
Utah State Police Dispatch	ADOT TOC and EMC	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Utah State Police Dispatch	ADOT TOC and EMC	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Utah State Police Dispatch	ADOT TOC and EMC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Utah State Police Dispatch	ADOT TOC and EMC	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Utah State Police Dispatch	ADOT TOC and EMC	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Utah State Police Dispatch	ADOT TOC and EMC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Utah State Police Dispatch	ADOT TOC and EMC	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Utah State Police Dispatch	ADOT TOC and EMC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Utah State Police Dispatch	ADOT TOC and EMC	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
Utah State Police Dispatch	ADOT TOC and EMC	threat information	Planned	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
Utah State Police Dispatch	ADOT TOC and EMC	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Utah State Police Dispatch	ADOT TOC and EMC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Utah State Police Dispatch	ADOT TOC Traffic Information Center	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Utah State Police Dispatch	ADOT TOC Traffic Information Center	evacuation information	Planned	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Utah State Police Dispatch	ADOT TOC Traffic Information Center	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
Utah State Police Dispatch	ADOT TOC Traffic Information Center	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Utah State Police Dispatch	CHP Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Utah State Police Dispatch	CHP Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Utah State Police Dispatch	CHP Dispatch	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Utah State Police Dispatch	CHP Dispatch	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Utah State Police Dispatch	CHP Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Utah State Police Dispatch	CHP Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Utah State Police Dispatch	CHP Dispatch	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Utah State Police Dispatch	CHP Dispatch	transportation system status	Existing	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Utah State Police Dispatch	DEMA Enforcement	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Utah State Police Dispatch	DEMA Enforcement	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Utah State Police Dispatch	DEMA Enforcement	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Utah State Police Dispatch	DEMA Enforcement	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Utah State Police Dispatch	DEMA Enforcement	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Utah State Police Dispatch	DEMA Enforcement	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Utah State Police Dispatch	DEMA Enforcement	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Utah State Police Dispatch	DEMA Enforcement	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Utah State Police Dispatch	DEMA Enforcement	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Utah State Police Dispatch	DEMA SEOC Arizona DEM Military Affairs	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Utah State Police Dispatch	DEMA SEOC Arizona DEM Military Affairs	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Utah State Police Dispatch	DEMA SEOC Arizona DEM Military Affairs	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Utah State Police Dispatch	DEMA SEOC Arizona DEM Military Affairs	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Utah State Police Dispatch	DEMA SEOC Arizona DEM Military Affairs	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Utah State Police Dispatch	DEMA SEOC Arizona DEM Military Affairs	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Utah State Police Dispatch	DEMA SEOC Arizona DEM Military Affairs	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Utah State Police Dispatch	DEMA SEOC Arizona DEM Military Affairs	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Utah State Police Dispatch	DEMA SEOC Arizona DEM Military Affairs	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Utah State Police Dispatch	DEMA WebEOC System	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Utah State Police Dispatch	DEMA WebEOC System	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Utah State Police Dispatch	DEMA WebEOC System	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Utah State Police Dispatch	DEMA WebEOC System	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Utah State Police Dispatch	DEMA WebEOC System	incident information for public	Existing	Report of current desensitized incident information prepared for public dissemination.
Utah State Police Dispatch	DEMA WebEOC System	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Utah State Police Dispatch	DEMA WebEOC System	incident response coordination	Existing	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Utah State Police Dispatch	DEMA WebEOC System	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Utah State Police Dispatch	DEMA WebEOC System	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Utah State Police Dispatch	DEMA WebEOC System	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Utah State Police Dispatch	DPS Central Communications Center	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Utah State Police Dispatch	DPS Central Communications Center	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Utah State Police Dispatch	DPS Central Communications Center	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Utah State Police Dispatch	DPS Central Communications Center	emergency traffic control request	Existing	Special request to preempt the current traffic control strategy in effect at one or more signalized intersections or highway segments, activate traffic control and closure systems such as gates and barriers, activate safeguard systems, or use driver information systems. For example, this flow can request all signals to red-flash, request a progression of traffic control preemptions along an emergency vehicle route, request a specific evacuation traffic control plan, request activation of a road closure barrier system, or place a public safety or emergency-related message on a dynamic message sign.
Utah State Police Dispatch	DPS Central Communications Center	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Utah State Police Dispatch	DPS Central Communications Center	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Utah State Police Dispatch	DPS Central Communications Center	incident command information coordination	Existing	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Utah State Police Dispatch	DPS Central Communications Center	incident information	Existing	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Utah State Police Dispatch	DPS Central Communications Center	incident report	Existing	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Utah State Police Dispatch	DPS Central Communications Center	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Utah State Police Dispatch	DPS Central Communications Center	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Utah State Police Dispatch	DPS Central Communications Center	resource coordination	Existing	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Utah State Police Dispatch	DPS Central Communications Center	resource request	Planned	A request for resources to implement special traffic control measures, assist in clean up, verify an incident, etc. The request may poll for resource availability or request pre-staging, staging, or immediate deployment of resources. Resources may be explicitly requested or a service may be requested and the specific resource deployment may be determined by the responding agency.
Utah State Police Dispatch	DPS Central Communications Center	threat information	Existing	Threats regarding transportation infrastructure, facilities, or systems detected by a variety of methods (sensors, surveillance, threat analysis of advisories from outside agencies, etc.
Utah State Police Dispatch	DPS Central Communications Center	threat information coordination	Existing	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Utah State Police Dispatch	DPS Central Communications Center	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Utah State Police Dispatch	Maricopa County EOC	alert notification coordination	Planned	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Utah State Police Dispatch	Maricopa County EOC	evacuation coordination	Planned	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Utah State Police Dispatch	Maricopa County EOC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Utah State Police Dispatch	Maricopa County EOC	incident report	Planned	Report of an identified incident including incident location, type, severity and other information necessary to initiate an appropriate incident response.
Utah State Police Dispatch	Maricopa County EOC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Utah State Police Dispatch	Maricopa County EOC	threat information coordination	Planned	Sensor, surveillance, and threat data including raw and processed data that is collected by sensor and surveillance equipment located in secure areas.
Utah State Police Dispatch	Maricopa County EOC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Utah State Police Dispatch	POE Roadway Inspection Systems	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Utah State Police Dispatch	POE Roadway Inspection Systems	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Utah State Police Dispatch	POE Roadway Inspection Systems	transportation system status	Existing	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Utah State Police Dispatch	Public Private Traveler Information	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Utah State Police Dispatch	Public Private Traveler Information	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Utah State Police Dispatch	Public Private Traveler Information	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
Utah State Police Dispatch	Public Private Traveler Information	transportation system status	Existing	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Utah State Police Dispatch	Social Media and Networking	alert notification for social media	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public via social media. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This version of the flow contains only publicly available information and is structured and formatted for publication on specific social media platforms and other public-facing sites.
Utah State Police Dispatch	Transit Providers Dispatch (Public and Private)	alert notification	Existing	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Utah State Police Dispatch	Transit Providers Dispatch (Public and Private)	emergency plan coordination	Planned	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Utah State Police Dispatch	Transit Providers Dispatch (Public and Private)	emergency transit service request	Existing	Request to modify transit service and fare schedules to address emergencies, including requests for transit services to evacuate people from and/or deploy response agency personnel to an emergency scene. The request may poll for resource availability or request pre-staging, staging, or immediate dispatch of transit resources.
Utah State Police Dispatch	Transit Providers Dispatch (Public and Private)	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Utah State Police Dispatch	Transit Providers Dispatch (Public and Private)	incident information	Planned	Notification of existence of incident and expected severity, location, time and nature of incident. As additional information is gathered and the incident evolves, updated incident information is provided. Incidents include any event that impacts transportation system operation ranging from routine incidents (e.g., disabled vehicle at the side of the road) through large-scale natural or human-caused disasters that involve loss of life, injuries, extensive property damage, and multi-jurisdictional response. This also includes special events, closures, and other planned events that may impact the transportation system.
Utah State Police Dispatch	Transit Providers Dispatch (Public and Private)	incident response status	Planned	Status of the current incident response including a summary of incident status and its impact on the transportation system, traffic management strategies implemented at the site (e.g., closures, diversions, traffic signal control overrides), and current and planned response activities.
Utah State Police Dispatch	Transit Providers Dispatch (Public and Private)	transportation system status	Existing	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Utah State Police Dispatch	Wide Area Alerting Systems	alert notification	Planned	Notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public. The flow identifies the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. This flow may also identify specific information that should not be released to the public.
Utah State Police Dispatch	Wide Area Alerting Systems	evacuation information	Existing	Evacuation instructions and information including evacuation zones, evacuation times, and reentry times.
Utah State Police Dispatch	Wide Area Alerting Systems	incident information for public	Existing	Report of current desensitized incident information prepared for public dissemination.
Utah State Police Dispatch	Wide Area Alerting Systems	transportation system status	Existing	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Utah Statewide TMC	ADOT DEOC-Dept EM Ops Center	emergency traffic coordination	Existing	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
Utah Statewide TMC	ADOT TOC and EMC	emergency traffic coordination	Planned	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
Utah Statewide TMC	DPS Central Communications Center	emergency traffic coordination	Existing	Coordination supporting disaster response including evacuation and reentry. Includes coordination of special traffic control strategies that support efficient evacuation and reentry while protecting and optimizing movement of response vehicles and other resources responding to the emergency.
Vehicle GPS and Time Data	ADOT ECD Vehicles	location and time	Existing	The current geographic location in three dimensions (latitude, longitude, elevation) and the current time.
Vehicle GPS and Time Data	ADOT IRU Vehicles	location and time	Existing	The current geographic location in three dimensions (latitude, longitude, elevation) and the current time.
Vehicle GPS and Time Data	ADOT Maintenance and Construction Vehicles	location and time	Existing	The current geographic location in three dimensions (latitude, longitude, elevation) and the current time.
Vehicle GPS and Time Data	ADOT Systems Maintenance Vehicles	location and time	Planned	The current geographic location in three dimensions (latitude, longitude, elevation) and the current time.
Vehicle GPS and Time Data	Cities and Towns MCO Vehicles	location and time	Planned	The current geographic location in three dimensions (latitude, longitude, elevation) and the current time.
Vehicle GPS and Time Data	Cities and Towns Public Works Vehicles	location and time	Existing	The current geographic location in three dimensions (latitude, longitude, elevation) and the current time.
Vehicle GPS and Time Data	Cities and Towns Transit Vehicles	location and time	Planned	The current geographic location in three dimensions (latitude, longitude, elevation) and the current time.
Vehicle GPS and Time Data	County Public Works Vehicles	location and time	Planned	The current geographic location in three dimensions (latitude, longitude, elevation) and the current time.
Vehicle GPS and Time Data	Independent School District Buses	location and time	Planned	The current geographic location in three dimensions (latitude, longitude, elevation) and the current time.
Vehicle GPS and Time Data	NAIPTA (dba Mountain Line) Paratransit Vehicles	location and time	Planned	The current geographic location in three dimensions (latitude, longitude, elevation) and the current time.
Vehicle GPS and Time Data	NAIPTA (dba Mountain Line) Transit Buses	location and time	Planned	The current geographic location in three dimensions (latitude, longitude, elevation) and the current time.
Vehicle GPS and Time Data	Transit Providers Vehicles (Public and Private)	location and time	Planned	The current geographic location in three dimensions (latitude, longitude, elevation) and the current time.
Vehicle GPS and Time Data	Tribal Transit Vehicles	location and time	Planned	The current geographic location in three dimensions (latitude, longitude, elevation) and the current time.
Vehicle GPS and Time Data	YCAT Buses	location and time	Planned	The current geographic location in three dimensions (latitude, longitude, elevation) and the current time.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Wide Area Alerting Systems	ADOT 511 IVR	voice-based alert notification	Planned	Information to be distributed to the traveling public via voice regarding a major emergency such as a natural or man-made disaster, civil emergency, severe weather or child abduction. The flow may identify the alert originator, the nature of the emergency, the geographic area affected by the emergency, the effective time period, and information and instructions necessary for the public to respond to the alert. The content of this information flow may be specially formatted for voice-based traveler information.
Wide Area Alerting Systems	ADOT 511 IVR	voice-based traveler information	Planned	Traveler information sent to the telecommunications systems for traveler information terminator. This flow may represent the bulk transfer of traveler information, including traffic conditions, incident information, transit information and weather and road condition information. It may be specially formatted for voice-based traveler information.
Wide Area Alerting Systems	ADOT 511 Website	emergency traveler information	Planned	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
Wide Area Alerting Systems	ADOT AZ 511 App	traveler information for media	Existing	General traveler information regarding incidents, unusual traffic conditions, transit issues, or other advisory information that has been desensitized and provided to the media.
Wide Area Alerting Systems	ADOT DEOC-Dept EM Ops Center	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Wide Area Alerting Systems	ADOT DEOC-Dept EM Ops Center	alerts and advisories	Planned	Assessments (general incident and vulnerability awareness information), advisories (identification of threats or recommendations to increase preparedness levels), and alerts (information on imminent or in-progress emergencies). This flow also provides supporting descriptive detail on incidents, threats, and vulnerabilities to increase preparedness and support effective response to threats against the surface transportation system.
Wide Area Alerting Systems	ADOT ECD Dispatch	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Wide Area Alerting Systems	ADOT ECD Dispatch	alerts and advisories	Planned	Assessments (general incident and vulnerability awareness information), advisories (identification of threats or recommendations to increase preparedness levels), and alerts (information on imminent or in-progress emergencies). This flow also provides supporting descriptive detail on incidents, threats, and vulnerabilities to increase preparedness and support effective response to threats against the surface transportation system.
Wide Area Alerting Systems	ADOT TOC and EMC	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Wide Area Alerting Systems	ADOT TOC and EMC	alerts and advisories	Planned	Assessments (general incident and vulnerability awareness information), advisories (identification of threats or recommendations to increase preparedness levels), and alerts (information on imminent or in-progress emergencies). This flow also provides supporting descriptive detail on incidents, threats, and vulnerabilities to increase preparedness and support effective response to threats against the surface transportation system.
Wide Area Alerting Systems	ATTP Tribal Coordination Website	emergency traveler information	Planned	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
Wide Area Alerting Systems	CHP Dispatch	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Wide Area Alerting Systems	CHP Dispatch	alerts and advisories	Planned	Assessments (general incident and vulnerability awareness information), advisories (identification of threats or recommendations to increase preparedness levels), and alerts (information on imminent or in-progress emergencies). This flow also provides supporting descriptive detail on incidents, threats, and vulnerabilities to increase preparedness and support effective response to threats against the surface transportation system.
Wide Area Alerting Systems	Cities and Towns EOC-EMC	alerts and advisories	Planned	Assessments (general incident and vulnerability awareness information), advisories (identification of threats or recommendations to increase preparedness levels), and alerts (information on imminent or in-progress emergencies). This flow also provides supporting descriptive detail on incidents, threats, and vulnerabilities to increase preparedness and support effective response to threats against the surface transportation system.
Wide Area Alerting Systems	Cities and Towns Police and Fire Dispatch	alerts and advisories	Planned	Assessments (general incident and vulnerability awareness information), advisories (identification of threats or recommendations to increase preparedness levels), and alerts (information on imminent or in-progress emergencies). This flow also provides supporting descriptive detail on incidents, threats, and vulnerabilities to increase preparedness and support effective response to threats against the surface transportation system.
Wide Area Alerting Systems	Cities and Towns TIC and Website	alternate mode information	Planned	Schedule information for alternate mode transportation providers such as air, ferry, and passenger-carrying heavy rail. This also includes details of incidents and other service disruptions that have occurred in the alternative mode. This also includes measures of service demand that supports assessment of their impact on the road network.
Wide Area Alerting Systems	Cities and Towns TIC and Website	emergency traveler information	Planned	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.

Information Flows – Tabular Format (sorted by Source Element)

RAD-IT Table

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Wide Area Alerting Systems	Cities and Towns TIC and Website	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
Wide Area Alerting Systems	Cities and Towns TIC and Website	parking information	Planned	General parking information and status, including current parking availability, parking pricing, and parking space availability information, including features like number and type of electric charging spots.
Wide Area Alerting Systems	Cities and Towns TIC and Website	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
Wide Area Alerting Systems	Cities and Towns TIC and Website	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.
Wide Area Alerting Systems	Cities and Towns TIC and Website	transit service information	Planned	Transit service information including routes, schedules, and fare information as well as dynamic transit schedule adherence and transit vehicle location information.
Wide Area Alerting Systems	Cities and Towns TMC-TOC	road network environmental situation data	Planned	Aggregated environmental situation data collected from vehicles and other sources for the road network. Aggregated information would include measured air temperature, exterior light status, wiper status, sun sensor status, rain sensor status, traction control status, ALB status, and other collected vehicle system status and sensor information for the region.
Wide Area Alerting Systems	Commercial Vehicle Driver and Vehicle Verification Systems	traveler archive data	Planned	Data associated with traveler information services including service requests, facility usage, rideshare, routing, and traveler payment transaction data. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
Wide Area Alerting Systems	County EMC-EOC	alerts and advisories	Planned	Assessments (general incident and vulnerability awareness information), advisories (identification of threats or recommendations to increase preparedness levels), and alerts (information on imminent or in-progress emergencies). This flow also provides supporting descriptive detail on incidents, threats, and vulnerabilities to increase preparedness and support effective response to threats against the surface transportation system.
Wide Area Alerting Systems	County Mobile App	traveler information for media	Planned	General traveler information regarding incidents, unusual traffic conditions, transit issues, or other advisory information that has been desensitized and provided to the media.
Wide Area Alerting Systems	County Sheriff Dispatch	alerts and advisories	Planned	Assessments (general incident and vulnerability awareness information), advisories (identification of threats or recommendations to increase preparedness levels), and alerts (information on imminent or in-progress emergencies). This flow also provides supporting descriptive detail on incidents, threats, and vulnerabilities to increase preparedness and support effective response to threats against the surface transportation system.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Wide Area Alerting Systems	DEMA SEOC Arizona DEM Military Affairs	alerts and advisories	Planned	Assessments (general incident and vulnerability awareness information), advisories (identification of threats or recommendations to increase preparedness levels), and alerts (information on imminent or in-progress emergencies). This flow also provides supporting descriptive detail on incidents, threats, and vulnerabilities to increase preparedness and support effective response to threats against the surface transportation system.
Wide Area Alerting Systems	DPS Central Communications Center	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Wide Area Alerting Systems	DPS Central Communications Center	alerts and advisories	Planned	Assessments (general incident and vulnerability awareness information), advisories (identification of threats or recommendations to increase preparedness levels), and alerts (information on imminent or in-progress emergencies). This flow also provides supporting descriptive detail on incidents, threats, and vulnerabilities to increase preparedness and support effective response to threats against the surface transportation system.
Wide Area Alerting Systems	DPS Data Archive	traveler archive data	Planned	Data associated with traveler information services including service requests, facility usage, rideshare, routing, and traveler payment transaction data. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
Wide Area Alerting Systems	Maricopa County EOC	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Wide Area Alerting Systems	Maricopa County EOC	alerts and advisories	Planned	Assessments (general incident and vulnerability awareness information), advisories (identification of threats or recommendations to increase preparedness levels), and alerts (information on imminent or in-progress emergencies). This flow also provides supporting descriptive detail on incidents, threats, and vulnerabilities to increase preparedness and support effective response to threats against the surface transportation system.
Wide Area Alerting Systems	Mexico Customs and Border Patrol	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Wide Area Alerting Systems	Mexico Customs and Border Patrol	alerts and advisories	Planned	Assessments (general incident and vulnerability awareness information), advisories (identification of threats or recommendations to increase preparedness levels), and alerts (information on imminent or in-progress emergencies). This flow also provides supporting descriptive detail on incidents, threats, and vulnerabilities to increase preparedness and support effective response to threats against the surface transportation system.
Wide Area Alerting Systems	Mexico Public Safety	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Wide Area Alerting Systems	Mexico Public Safety	alerts and advisories	Planned	Assessments (general incident and vulnerability awareness information), advisories (identification of threats or recommendations to increase preparedness levels), and alerts (information on imminent or in-progress emergencies). This flow also provides supporting descriptive detail on incidents, threats, and vulnerabilities to increase preparedness and support effective response to threats against the surface transportation system.
Wide Area Alerting Systems	Mexico Regional Maintenance Section	alerts and advisories	Planned	Assessments (general incident and vulnerability awareness information), advisories (identification of threats or recommendations to increase preparedness levels), and alerts (information on imminent or in-progress emergencies). This flow also provides supporting descriptive detail on incidents, threats, and vulnerabilities to increase preparedness and support effective response to threats against the surface transportation system.
Wide Area Alerting Systems	NAIPTA (dba Mountain Line) Website and FLGRide	emergency traveler information	Planned	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
Wide Area Alerting Systems	Nevada State Police Dispatch	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Wide Area Alerting Systems	Nevada State Police Dispatch	alerts and advisories	Planned	Assessments (general incident and vulnerability awareness information), advisories (identification of threats or recommendations to increase preparedness levels), and alerts (information on imminent or in-progress emergencies). This flow also provides supporting descriptive detail on incidents, threats, and vulnerabilities to increase preparedness and support effective response to threats against the surface transportation system.
Wide Area Alerting Systems	New Mexico State Police Dispatch	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Wide Area Alerting Systems	New Mexico State Police Dispatch	alerts and advisories	Planned	Assessments (general incident and vulnerability awareness information), advisories (identification of threats or recommendations to increase preparedness levels), and alerts (information on imminent or in-progress emergencies). This flow also provides supporting descriptive detail on incidents, threats, and vulnerabilities to increase preparedness and support effective response to threats against the surface transportation system.
Wide Area Alerting Systems	NOAA _National Weather Service	road network environmental situation data	Planned	Aggregated environmental situation data collected from vehicles and other sources for the road network. Aggregated information would include measured air temperature, exterior light status, wiper status, sun sensor status, rain sensor status, traction control status, ALB status, and other collected vehicle system status and sensor information for the region.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Wide Area Alerting Systems	Personal Information Devices for Travelers	emergency traveler information	Planned	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
Wide Area Alerting Systems	Personal Information Devices for Travelers	evacuation assistance information	Planned	Information on evacuation resources including self-evacuation options, anticipated pickup time and location if a transportation asset is to be deployed, destination shelter, and supporting information on what to bring, estimated reentry date/time.
Wide Area Alerting Systems	Personal Information Devices for Travelers	shelter recommendations	Planned	Recommendation identifying the shelter or shelters best suited to the requestor. Hotels/motels may also be included as potential sheltering options. This flow may also include shelter assignments/reservations.
Wide Area Alerting Systems	POE Roadway Inspection Systems	emergency traveler information	Planned	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
Wide Area Alerting Systems	Private Vehicle OBE	emergency traveler information	Planned	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
Wide Area Alerting Systems	Private Vehicle OBE	evacuation assistance information	Planned	Information on evacuation resources including self-evacuation options, anticipated pickup time and location if a transportation asset is to be deployed, destination shelter, and supporting information on what to bring, estimated reentry date/time.
Wide Area Alerting Systems	Private Vehicle OBE	shelter recommendations	Planned	Recommendation identifying the shelter or shelters best suited to the requestor. Hotels/motels may also be included as potential sheltering options. This flow may also include shelter assignments/reservations.
Wide Area Alerting Systems	Public Private Traveler Information	emergency traveler information	Planned	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
Wide Area Alerting Systems	Tribal Public Safety Dispatch	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Wide Area Alerting Systems	Tribal Public Safety Dispatch	alerts and advisories	Planned	Assessments (general incident and vulnerability awareness information), advisories (identification of threats or recommendations to increase preparedness levels), and alerts (information on imminent or in-progress emergencies). This flow also provides supporting descriptive detail on incidents, threats, and vulnerabilities to increase preparedness and support effective response to threats against the surface transportation system.
Wide Area Alerting Systems	Tribal TMC-TOC-TIC	alerts and advisories	Planned	Assessments (general incident and vulnerability awareness information), advisories (identification of threats or recommendations to increase preparedness levels), and alerts (information on imminent or in-progress emergencies). This flow also provides supporting descriptive detail on incidents, threats, and vulnerabilities to increase preparedness and support effective response to threats against the surface transportation system.
Wide Area Alerting Systems	Tribal TMC-TOC-TIC	alternate mode information	Planned	Schedule information for alternate mode transportation providers such as air, ferry, and passenger-carrying heavy rail. This also includes details of incidents and other service disruptions that have occurred in the alternative mode. This also includes measures of service demand that supports assessment of their impact on the road network.
Wide Area Alerting Systems	Tribal TMC-TOC-TIC	emergency traveler information	Planned	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
Wide Area Alerting Systems	Tribal TMC-TOC-TIC	incident information for public	Planned	Report of current desensitized incident information prepared for public dissemination.
Wide Area Alerting Systems	Tribal TMC-TOC-TIC	parking information	Planned	General parking information and status, including current parking availability, parking pricing, and parking space availability information, including features like number and type of electric charging spots.
Wide Area Alerting Systems	Tribal TMC-TOC-TIC	road network conditions	Planned	Current and forecasted traffic information, road and weather conditions, and other road network status. Either raw data, processed data, or some combination of both may be provided by this flow. Information on diversions and alternate routes, closures, and special traffic restrictions (lane/shoulder use, weight restrictions, width restrictions, HOV requirements) in effect is included.
Wide Area Alerting Systems	Tribal TMC-TOC-TIC	road network environmental situation data	Planned	Aggregated environmental situation data collected from vehicles and other sources for the road network. Aggregated information would include measured air temperature, exterior light status, wiper status, sun sensor status, rain sensor status, traction control status, ALB status, and other collected vehicle system status and sensor information for the region.
Wide Area Alerting Systems	Tribal TMC-TOC-TIC	road network traffic situation data	Planned	Aggregated route usage, travel times, and other aggregated data collected from probe vehicles that can be used to estimate current traffic conditions.
Wide Area Alerting Systems	Tribal TMC-TOC-TIC	traffic images	Planned	High fidelity, real-time traffic images suitable for surveillance monitoring by the operator or for use in machine vision applications. This flow includes the images. Meta data that describes the images is contained in another flow.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Wide Area Alerting Systems	Tribal TMC-TOC-TIC	transit service information	Planned	Transit service information including routes, schedules, and fare information as well as dynamic transit schedule adherence and transit vehicle location information.
Wide Area Alerting Systems	US Border Patrol Dispatch	alerts and advisories	Planned	Assessments (general incident and vulnerability awareness information), advisories (identification of threats or recommendations to increase preparedness levels), and alerts (information on imminent or in-progress emergencies). This flow also provides supporting descriptive detail on incidents, threats, and vulnerabilities to increase preparedness and support effective response to threats against the surface transportation system.
Wide Area Alerting Systems	Utah State Police Dispatch	alert status	Planned	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Wide Area Alerting Systems	Utah State Police Dispatch	alerts and advisories	Planned	Assessments (general incident and vulnerability awareness information), advisories (identification of threats or recommendations to increase preparedness levels), and alerts (information on imminent or in-progress emergencies). This flow also provides supporting descriptive detail on incidents, threats, and vulnerabilities to increase preparedness and support effective response to threats against the surface transportation system.
YCAT Buses	Cities and Towns ITS Field Equipment	local signal priority request	Planned	Request from a vehicle to a signalized intersection for priority at that intersection. This flow also allows the vehicle to cancel a priority request (for example, when the vehicle clears the intersection).
YCAT Buses	County ITS Field Equipment	local signal priority request	Planned	Request from a vehicle to a signalized intersection for priority at that intersection. This flow also allows the vehicle to cancel a priority request (for example, when the vehicle clears the intersection).
YCAT Buses	Payment Administration Center	authorization request	Planned	Request to determine if a transportation user is authorized to use a particular transportation resource.
YCAT Buses	Transit Providers Vehicles (Public and Private)	host transit vehicle status	Planned	Information provided to the ITS on-board equipment from other systems on the Transit Vehicle Platform.
YCAT Buses	Traveler Card-Smartcard	payment device update	Planned	Information updated concerning traveler's personal data including name, address, user account information, trip records, and profile data.
YCAT Buses	Traveler Card-Smartcard	request for payment	Planned	Request to deduct cost of service from user's payment account.
YCAT Buses	Travelers	traveler interface updates	Planned	Visual or audio information (e.g., routes, messages, guidance, emergency information) that is provided to the traveler.
YCAT Buses	YCAT Transit Passes	payment device update	Planned	Information updated concerning traveler's personal data including name, address, user account information, trip records, and profile data.
YCAT Buses	YCAT Transit Passes	request for payment	Planned	Request to deduct cost of service from user's payment account.
YCAT Buses	Yuma County Area Transit (YCAT)	alarm notification	Existing	Notification of activation of an audible or silent alarm by a traveler in a public area or by a transit vehicle operator using an on-board device.
YCAT Buses	Yuma County Area Transit (YCAT)	authorization request	Planned	Request to determine if a transportation user is authorized to use a particular transportation resource.
YCAT Buses	Yuma County Area Transit (YCAT)	demand response passenger and use data	Existing	Data collected on board a demand response vehicle relating to the picking up and discharging of passengers.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
YCAT Buses	Yuma County Area Transit (YCAT)	fare collection data	Planned	Fare collection information including the summary of fare system data and financial payment transaction data.
YCAT Buses	Yuma County Area Transit (YCAT)	transit traveler request	Existing	Request by a Transit traveler to summon assistance, request transit information, or request any other transit services.
YCAT Buses	Yuma County Area Transit (YCAT)	transit vehicle conditions	Existing	Operating conditions of transit vehicle (e.g., engine running, oil pressure, fuel level and usage). It includes status of other on-board systems including user displays, passenger counters, and security systems. This overall status information is also collected from unused (out of service) vehicles.
YCAT Buses	Yuma County Area Transit (YCAT)	transit vehicle loading data	Existing	Data collected on board the transit vehicle relating to passenger boarding and alighting.
YCAT Buses	Yuma County Area Transit (YCAT)	transit vehicle location data	Existing	Current transit vehicle location and related operational conditions data provided by a transit vehicle.
YCAT Buses	Yuma County Area Transit (YCAT)	transit vehicle operator authentication information	Existing	Information regarding on-board transit operator authentication
YCAT Buses	Yuma County Area Transit (YCAT)	transit vehicle schedule performance	Existing	Estimated times of arrival and anticipated schedule deviations reported by a transit vehicle.
YCAT Kiosks	Cities and Towns Transit Dispatch	authorization request	Planned	Request to determine if a transportation user is authorized to use a particular transportation resource.
YCAT Kiosks	Cities and Towns Transit Dispatch	fare collection data	Planned	Fare collection information including the summary of fare system data and financial payment transaction data.
YCAT Kiosks	Cities and Towns Transit Dispatch	transit traveler request	Planned	Request by a Transit traveler to summon assistance, request transit information, or request any other transit services.
YCAT Kiosks	Local Dial-A-Ride Transit Dispatchers	authorization request	Planned	Request to determine if a transportation user is authorized to use a particular transportation resource.
YCAT Kiosks	Local Dial-A-Ride Transit Dispatchers	fare collection data	Planned	Fare collection information including the summary of fare system data and financial payment transaction data.
YCAT Kiosks	Payment Administration Center	authorization request	Planned	Request to determine if a transportation user is authorized to use a particular transportation resource.
YCAT Kiosks	Traveler Card-Smartcard	payment device update	Planned	Information updated concerning traveler's personal data including name, address, user account information, trip records, and profile data.
YCAT Kiosks	Traveler Card-Smartcard	request for payment	Planned	Request to deduct cost of service from user's payment account.
YCAT Kiosks	Travelers	traveler interface updates	Planned	Visual or audio information (e.g., routes, messages, guidance, emergency information) that is provided to the traveler.
YCAT Kiosks	Tribal Transit Centers	authorization request	Planned	Request to determine if a transportation user is authorized to use a particular transportation resource.
YCAT Kiosks	Tribal Transit Centers	fare collection data	Planned	Fare collection information including the summary of fare system data and financial payment transaction data.
YCAT Kiosks	Tribal Transit Centers	transit traveler request	Planned	Request by a Transit traveler to summon assistance, request transit information, or request any other transit services.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
YCAT Kiosks	YCAT Transit Passes	payment device update	Planned	Information updated concerning traveler's personal data including name, address, user account information, trip records, and profile data.
YCAT Kiosks	YCAT Transit Passes	request for payment	Planned	Request to deduct cost of service from user's payment account.
YCAT Kiosks	YCAT Website	trip confirmation	Planned	Acknowledgement by the driver/traveler of acceptance of a trip plan with associated personal and payment information required to confirm reservations. Conversely, this flow may also reject the proposed trip plan. Confirmations include the selected route and subsequent trip confirmation messages will be issued for route changes.
YCAT Kiosks	YCAT Website	trip request	Planned	Request for trip planning services that identifies the trip origin, destination(s), timing, preferences, and constraints. The request may also include the requestor's location or a request for transit and parking reservations, electric charging station access, and ridesharing options associated with the trip. The trip request also covers requests to revise a previously planned trip and interim updates that are provided as the trip is interactively planned.
YCAT Kiosks	Yuma County Area Transit (YCAT)	authorization request	Planned	Request to determine if a transportation user is authorized to use a particular transportation resource.
YCAT Kiosks	Yuma County Area Transit (YCAT)	fare collection data	Planned	Fare collection information including the summary of fare system data and financial payment transaction data.
YCAT Kiosks	Yuma County Area Transit (YCAT)	transit information user request	Planned	Request for special transit routing, real-time schedule information, and availability information.
YCAT Kiosks	Yuma County Area Transit (YCAT)	transit traveler request	Planned	Request by a Transit traveler to summon assistance, request transit information, or request any other transit services.
YCAT Transit Passes	Cities and Towns Transit Dispatch	authorization request	Planned	Request to determine if a transportation user is authorized to use a particular transportation resource.
YCAT Transit Passes	Cities and Towns Transit Dispatch	fare collection data	Planned	Fare collection information including the summary of fare system data and financial payment transaction data.
YCAT Transit Passes	Local Dial-A-Ride Transit Dispatchers	authorization request	Planned	Request to determine if a transportation user is authorized to use a particular transportation resource.
YCAT Transit Passes	Local Dial-A-Ride Transit Dispatchers	fare collection data	Planned	Fare collection information including the summary of fare system data and financial payment transaction data.
YCAT Transit Passes	Local Dial-A-Ride Transit Vehicles	payment device information	Planned	Traveler payment information such as card number and previous transactions.
YCAT Transit Passes	Payment Administration Center	authorization request	Planned	Request to determine if a transportation user is authorized to use a particular transportation resource.
YCAT Transit Passes	Private Transit Routing Service Provider	actuate secure payment	Planned	Initiation of a payment action, ideally based on an encrypted token or biometric marker. Such a payment action could be a simple validation that the secure token allows the user access to the travel resource, or it could be the initiation of a payment transaction.
YCAT Transit Passes	Private Transit Routing Service Provider	payment device information	Planned	Traveler payment information such as card number and previous transactions.
YCAT Transit Passes	Transit Providers Dispatch (Public and Private)	authorization request	Planned	Request to determine if a transportation user is authorized to use a particular transportation resource.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
YCAT Transit Passes	Transit Providers Dispatch (Public and Private)	fare collection data	Planned	Fare collection information including the summary of fare system data and financial payment transaction data.
YCAT Transit Passes	Transit Providers Dispatch (Public and Private)	transit stop request	Planned	Notification that a transit stop has been requested by a transit user at a roadside stop. This flow identifies the route, stop, and the time of the request.
YCAT Transit Passes	Transit Providers Vehicles (Public and Private)	actuate secure payment	Planned	Initiation of a payment action, ideally based on an encrypted token or biometric marker. Such a payment action could be a simple validation that the secure token allows the user access to the travel resource, or it could be the initiation of a payment transaction.
YCAT Transit Passes	Transit Providers Vehicles (Public and Private)	payment device information	Planned	Traveler payment information such as card number and previous transactions.
YCAT Transit Passes	Traveler Card-Smartcard	payment device update	Planned	Information updated concerning traveler's personal data including name, address, user account information, trip records, and profile data.
YCAT Transit Passes	Traveler Card-Smartcard	request for payment	Planned	Request to deduct cost of service from user's payment account.
YCAT Transit Passes	Travelers	traveler interface updates	Existing	Visual or audio information (e.g., routes, messages, guidance, emergency information) that is provided to the traveler.
YCAT Transit Passes	Tribal Transit Centers	authorization request	Planned	Request to determine if a transportation user is authorized to use a particular transportation resource.
YCAT Transit Passes	Tribal Transit Centers	fare collection data	Planned	Fare collection information including the summary of fare system data and financial payment transaction data.
YCAT Transit Passes	Tribal Transit Vehicles	payment device information	Planned	Traveler payment information such as card number and previous transactions.
YCAT Transit Passes	YCAT Buses	actuate secure payment	Planned	Initiation of a payment action, ideally based on an encrypted token or biometric marker. Such a payment action could be a simple validation that the secure token allows the user access to the travel resource, or it could be the initiation of a payment transaction.
YCAT Transit Passes	YCAT Buses	payment device information	Planned	Traveler payment information such as card number and previous transactions.
YCAT Transit Passes	YCAT Kiosks	actuate secure payment	Planned	Initiation of a payment action, ideally based on an encrypted token or biometric marker. Such a payment action could be a simple validation that the secure token allows the user access to the travel resource, or it could be the initiation of a payment transaction.
YCAT Transit Passes	YCAT Kiosks	payment device information	Planned	Traveler payment information such as card number and previous transactions.
YCAT Transit Passes	YCAT Website	trip confirmation	Planned	Acknowledgement by the driver/traveler of acceptance of a trip plan with associated personal and payment information required to confirm reservations. Conversely, this flow may also reject the proposed trip plan. Confirmations include the selected route and subsequent trip confirmation messages will be issued for route changes.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
YCAT Transit Passes	YCAT Website	trip request	Planned	Request for trip planning services that identifies the trip origin, destination(s), timing, preferences, and constraints. The request may also include the requestor's location or a request for transit and parking reservations, electric charging station access, and ridesharing options associated with the trip. The trip request also covers requests to revise a previously planned trip and interim updates that are provided as the trip is interactively planned.
YCAT Transit Passes	Yuma County Area Transit (YCAT)	authorization request	Planned	Request to determine if a transportation user is authorized to use a particular transportation resource.
YCAT Transit Passes	Yuma County Area Transit (YCAT)	fare collection data	Planned	Fare collection information including the summary of fare system data and financial payment transaction data.
YCAT Transit Passes	Yuma County Area Transit (YCAT)	transit stop request	Planned	Notification that a transit stop has been requested by a transit user at a roadside stop. This flow identifies the route, stop, and the time of the request.
YCAT Transit Passes	Yuma County Area Transit (YCAT)	transit traveler request	Planned	Request by a Transit traveler to summon assistance, request transit information, or request any other transit services.
YCAT Website	Cities and Towns Transit Dispatch	demand responsive transit request	Planned	Request for paratransit support.
YCAT Website	Cities and Towns Transit Dispatch	transit fare request	Planned	Request for fare information and transit fare payment.
YCAT Website	Cities and Towns Transit Dispatch	transit trip request	Planned	Request for a transit trip plan that is responsive to traveler requirements such as schedule, cost, or duration.
YCAT Website	Cities and Towns Transit Dispatch	trip confirmation	Planned	Acknowledgement by the driver/traveler of acceptance of a trip plan with associated personal and payment information required to confirm reservations. Conversely, this flow may also reject the proposed trip plan. Confirmations include the selected route and subsequent trip confirmation messages will be issued for route changes.
YCAT Website	County Transit Kiosks	trip plan	Planned	A travel itinerary covering single or multimodal travel. The itinerary identifies a route and associated traveler information and instructions identifying recommended trip modes (including indoor and outdoor wayfinding) and transfer information, ride sharing options, and transit and parking reservation information. This flow also includes intermediate information that is provided as the trip plan is interactively created, including identification of alternatives, requests for additional information as well as amenities along the trip.
YCAT Website	County Website and NIXLE	transit service information	Planned	Transit service information including routes, schedules, and fare information as well as dynamic transit schedule adherence and transit vehicle location information.
YCAT Website	Local Dial-A-Ride Transit Dispatchers	demand responsive transit request	Planned	Request for paratransit support.
YCAT Website	Local Dial-A-Ride Transit Dispatchers	transit fare request	Planned	Request for fare information and transit fare payment.
YCAT Website	Local Dial-A-Ride Transit Dispatchers	transit trip request	Planned	Request for a transit trip plan that is responsive to traveler requirements such as schedule, cost, or duration.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
YCAT Website	Local Dial-A-Ride Transit Dispatchers	trip confirmation	Planned	Acknowledgement by the driver/traveler of acceptance of a trip plan with associated personal and payment information required to confirm reservations. Conversely, this flow may also reject the proposed trip plan. Confirmations include the selected route and subsequent trip confirmation messages will be issued for route changes.
YCAT Website	MPO-COG Planning Traffic Database	traveler archive data	Planned	Data associated with traveler information services including service requests, facility usage, rideshare, routing, and traveler payment transaction data. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
YCAT Website	Payment Administration Center	account updates	Planned	Updates to an account, such as purchases, uses, cancellation, secureID changes or similar material changes to account information.
YCAT Website	Payment Administration Center	smart card reconciliation	Planned	Detailed list of charges of the form charge/transport provider, taken from a smart card that need to be applied to the listed providers.
YCAT Website	Payment Administration Center	trip access coordination	Planned	Access token granting the bearer the right to use a given transportation resource; typically used when one payment provider is paid for a trip using multiple travel providers; the token is used by the Traveler to gain access to one or more of the travel provider resource (e.g., a transit ride).
YCAT Website	Personal Information Devices for Travelers	broadcast traveler information	Planned	General traveler information that contains traffic and road conditions, link travel times, incidents, advisories, restrictions, vehicle requirements, work zones, transit service information, weather information, parking information, and other related traveler information.
YCAT Website	Personal Information Devices for Travelers	interactive traveler information	Planned	Traveler information provided in response to a traveler request. The provided information includes traffic and road conditions, advisories, incidents, restrictions, payment information, transit services, parking information, weather information, and other travel-related data updates and confirmations.
YCAT Website	Personal Information Devices for Travelers	trip plan	Planned	A travel itinerary covering single or multimodal travel. The itinerary identifies a route and associated traveler information and instructions identifying recommended trip modes (including indoor and outdoor wayfinding) and transfer information, ride sharing options, and transit and parking reservation information. This flow also includes intermediate information that is provided as the trip plan is interactively created, including identification of alternatives, requests for additional information as well as amenities along the trip.
YCAT Website	Private Transit Routing Service Provider	emergency traveler information	Planned	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
YCAT Website	Private Transit Routing Service Provider	interactive traveler information	Planned	Traveler information provided in response to a traveler request. The provided information includes traffic and road conditions, advisories, incidents, restrictions, payment information, transit services, parking information, weather information, and other travel-related data updates and confirmations.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
YCAT Website	Private Transit Routing Service Provider	trip plan	Planned	A travel itinerary covering single or multimodal travel. The itinerary identifies a route and associated traveler information and instructions identifying recommended trip modes (including indoor and outdoor wayfinding) and transfer information, ride sharing options, and transit and parking reservation information. This flow also includes intermediate information that is provided as the trip plan is interactively created, including identification of alternatives, requests for additional information as well as amenities along the trip.
YCAT Website	Public Private Traveler Information	emergency traveler information	Planned	Public notification of an emergency such as a natural or man-made disaster, civil emergency, or child abduction. This flow also includes evacuation information including evacuation instructions, evacuation zones, recommended evacuation times, tailored evacuation routes and destinations, traffic and road conditions along the evacuation routes, traveler services and shelter information, and reentry times and instructions.
YCAT Website	Public Private Traveler Information	transit service information	Planned	Transit service information including routes, schedules, and fare information as well as dynamic transit schedule adherence and transit vehicle location information.
YCAT Website	Transit Providers Dispatch (Public and Private)	demand responsive transit request	Planned	Request for paratransit support.
YCAT Website	Transit Providers Dispatch (Public and Private)	transit fare request	Planned	Request for fare information and transit fare payment.
YCAT Website	Transit Providers Dispatch (Public and Private)	transit trip request	Planned	Request for a transit trip plan that is responsive to traveler requirements such as schedule, cost, or duration.
YCAT Website	Transit Providers Dispatch (Public and Private)	trip confirmation	Planned	Acknowledgement by the driver/traveler of acceptance of a trip plan with associated personal and payment information required to confirm reservations. Conversely, this flow may also reject the proposed trip plan. Confirmations include the selected route and subsequent trip confirmation messages will be issued for route changes.
YCAT Website	Tribal Transit Centers	transit fare request	Planned	Request for fare information and transit fare payment.
YCAT Website	YCAT Kiosks	trip plan	Planned	A travel itinerary covering single or multimodal travel. The itinerary identifies a route and associated traveler information and instructions identifying recommended trip modes (including indoor and outdoor wayfinding) and transfer information, ride sharing options, and transit and parking reservation information. This flow also includes intermediate information that is provided as the trip plan is interactively created, including identification of alternatives, requests for additional information as well as amenities along the trip.
YCAT Website	YCAT Transit Passes	trip plan	Planned	A travel itinerary covering single or multimodal travel. The itinerary identifies a route and associated traveler information and instructions identifying recommended trip modes (including indoor and outdoor wayfinding) and transfer information, ride sharing options, and transit and parking reservation information. This flow also includes intermediate information that is provided as the trip plan is interactively created, including identification of alternatives, requests for additional information as well as amenities along the trip.
YCAT Website	Yuma County Area Transit (YCAT)	demand responsive transit request	Existing	Request for paratransit support.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
YCAT Website	Yuma County Area Transit (YCAT)	transit fare request	Planned	Request for fare information and transit fare payment.
YCAT Website	Yuma County Area Transit (YCAT)	transit trip request	Planned	Request for a transit trip plan that is responsive to traveler requirements such as schedule, cost, or duration.
YCAT Website	Yuma County Area Transit (YCAT)	trip confirmation	Planned	Acknowledgement by the driver/traveler of acceptance of a trip plan with associated personal and payment information required to confirm reservations. Conversely, this flow may also reject the proposed trip plan. Confirmations include the selected route and subsequent trip confirmation messages will be issued for route changes.
Yuma County Area Transit (YCAT)	Cities and Towns EOC-EMC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Yuma County Area Transit (YCAT)	Cities and Towns EOC-EMC	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Yuma County Area Transit (YCAT)	Cities and Towns EOC-EMC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Yuma County Area Transit (YCAT)	Cities and Towns EOC-EMC	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Yuma County Area Transit (YCAT)	Cities and Towns EOC-EMC	emergency transit service response	Existing	Response indicating changes to transit service, fares, and/or restrictions that will be made and status of transit resources to be deployed to support emergency response and/or evacuation.
Yuma County Area Transit (YCAT)	Cities and Towns EOC-EMC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Yuma County Area Transit (YCAT)	Cities and Towns EOC-EMC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Yuma County Area Transit (YCAT)	Cities and Towns EOC-EMC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Yuma County Area Transit (YCAT)	Cities and Towns EOC-EMC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Yuma County Area Transit (YCAT)	Cities and Towns EOC-EMC	transit system status assessment	Planned	Assessment of damage sustained by the public transportation system including location and extent of the damage, current operational status including an estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Yuma County Area Transit (YCAT)	Cities and Towns EOC-EMC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Yuma County Area Transit (YCAT)	Cities and Towns Police and Fire Dispatch	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Yuma County Area Transit (YCAT)	Cities and Towns Police and Fire Dispatch	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Yuma County Area Transit (YCAT)	Cities and Towns Police and Fire Dispatch	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Yuma County Area Transit (YCAT)	Cities and Towns Police and Fire Dispatch	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Yuma County Area Transit (YCAT)	Cities and Towns Police and Fire Dispatch	emergency transit service response	Existing	Response indicating changes to transit service, fares, and/or restrictions that will be made and status of transit resources to be deployed to support emergency response and/or evacuation.
Yuma County Area Transit (YCAT)	Cities and Towns Police and Fire Dispatch	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Yuma County Area Transit (YCAT)	Cities and Towns Police and Fire Dispatch	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Yuma County Area Transit (YCAT)	Cities and Towns Police and Fire Dispatch	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Yuma County Area Transit (YCAT)	Cities and Towns Police and Fire Dispatch	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Yuma County Area Transit (YCAT)	Cities and Towns Police and Fire Dispatch	transit system status assessment	Planned	Assessment of damage sustained by the public transportation system including location and extent of the damage, current operational status including an estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Yuma County Area Transit (YCAT)	Cities and Towns Police and Fire Dispatch	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Yuma County Area Transit (YCAT)	Cities and Towns TIC and Website	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Yuma County Area Transit (YCAT)	Cities and Towns Transit Dispatch	transit fare coordination	Planned	Fare and pricing information shared between local/regional transit organizations.
Yuma County Area Transit (YCAT)	Cities and Towns Transit Dispatch	transit service coordination	Existing	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
Yuma County Area Transit (YCAT)	Cities and Towns Transit Dispatch	transit traveler information coordination	Planned	Transit schedules, real-time arrival information, fare schedules, and general transit service information shared between transit organizations to support transit traveler information systems.
Yuma County Area Transit (YCAT)	County EMC-EOC	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Yuma County Area Transit (YCAT)	County EMC-EOC	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Yuma County Area Transit (YCAT)	County EMC-EOC	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Yuma County Area Transit (YCAT)	County EMC-EOC	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Yuma County Area Transit (YCAT)	County EMC-EOC	emergency transit service response	Existing	Response indicating changes to transit service, fares, and/or restrictions that will be made and status of transit resources to be deployed to support emergency response and/or evacuation.
Yuma County Area Transit (YCAT)	County EMC-EOC	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Yuma County Area Transit (YCAT)	County EMC-EOC	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.
Yuma County Area Transit (YCAT)	County EMC-EOC	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Yuma County Area Transit (YCAT)	County EMC-EOC	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Yuma County Area Transit (YCAT)	County EMC-EOC	transit system status assessment	Planned	Assessment of damage sustained by the public transportation system including location and extent of the damage, current operational status including an estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Yuma County Area Transit (YCAT)	County EMC-EOC	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Yuma County Area Transit (YCAT)	County Transit Kiosks	authorization response	Planned	Notification of status of authorization request.
Yuma County Area Transit (YCAT)	County Transit Kiosks	fare management information	Planned	Transit fare information and transaction data used to manage transit fare processing.
Yuma County Area Transit (YCAT)	County Transit Kiosks	transit traveler information	Planned	Transit information prepared to support transit users and other travelers. It contains transit schedules, real-time arrival information, fare schedules, alerts and advisories, and general transit service information.
Yuma County Area Transit (YCAT)	County Website and NIXLE	emergency transit schedule information	Planned	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Yuma County Area Transit (YCAT)	County Website and NIXLE	transit and fare schedules	Planned	Transit service information including routes, schedules, and fare information. This also includes on-demand service information.
Yuma County Area Transit (YCAT)	County Website and NIXLE	transit fare coordination	Planned	Fare and pricing information shared between local/regional transit organizations.
Yuma County Area Transit (YCAT)	County Website and NIXLE	transit fare information	Planned	Information provided by transit management that supports fare payment transactions.
Yuma County Area Transit (YCAT)	County Website and NIXLE	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
Yuma County Area Transit (YCAT)	County Website and NIXLE	transit traveler information coordination	Planned	Transit schedules, real-time arrival information, fare schedules, and general transit service information shared between transit organizations to support transit traveler information systems.
Yuma County Area Transit (YCAT)	County Website and NIXLE	transit trip plan	Planned	An origin-destination transit trip that may involve multiple modes and connections.
Yuma County Area Transit (YCAT)	DEMA SEOC Arizona DEM Military Affairs	alert notification coordination	Existing	Coordination of emergency alerts to be distributed to the public. This includes notification of a major emergency such as a natural or man-made disaster, civil emergency, or child abduction for distribution to the public and status of the public notification.
Yuma County Area Transit (YCAT)	DEMA SEOC Arizona DEM Military Affairs	alert status	Existing	Information indicating the current status of the emergency alert including identification of the traveler and driver information systems that are being used to provide the alert.
Yuma County Area Transit (YCAT)	DEMA SEOC Arizona DEM Military Affairs	emergency plan coordination	Existing	Information that supports coordination of emergency management plans, continuity of operations plans, emergency response and recovery plans, evacuation plans, and other emergency plans between agencies. This includes general plans that are coordinated prior to an incident and shorter duration tactical plans that are prepared during an incident.
Yuma County Area Transit (YCAT)	DEMA SEOC Arizona DEM Military Affairs	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Yuma County Area Transit (YCAT)	DEMA SEOC Arizona DEM Military Affairs	emergency transit service response	Existing	Response indicating changes to transit service, fares, and/or restrictions that will be made and status of transit resources to be deployed to support emergency response and/or evacuation.
Yuma County Area Transit (YCAT)	DEMA SEOC Arizona DEM Military Affairs	evacuation coordination	Existing	Coordination of information regarding a pending or in-process evacuation. Includes evacuation zones, evacuation times, evacuation routes, forecast network conditions, and reentry times.
Yuma County Area Transit (YCAT)	DEMA SEOC Arizona DEM Military Affairs	incident command information coordination	Planned	Information that supports local management of an incident. It includes resource deployment status, hazardous material information, traffic, road, and weather conditions, evacuation advice, and other information that enables emergency or maintenance personnel in the field to implement an effective, safe incident response.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Yuma County Area Transit (YCAT)	DEMA SEOC Arizona DEM Military Affairs	incident response coordination	Planned	Incident response procedures and current incident response status that are shared between allied response agencies to support a coordinated response to incidents. This flow provides current situation information, including a summary of incident status and its impact on the transportation system and other infrastructure, and current and planned response activities. This flow also coordinates a positive hand off of responsibility for all or part of an incident response between agencies.
Yuma County Area Transit (YCAT)	DEMA SEOC Arizona DEM Military Affairs	resource coordination	Planned	Coordination of resource inventory information, specific resource status information, resource prioritization and reallocation between jurisdictions, and specific requests for resources and responses that service those requests.
Yuma County Area Transit (YCAT)	DEMA SEOC Arizona DEM Military Affairs	transit system status assessment	Planned	Assessment of damage sustained by the public transportation system including location and extent of the damage, current operational status including an estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Yuma County Area Transit (YCAT)	DEMA SEOC Arizona DEM Military Affairs	transportation system status	Planned	Current status and condition of transportation infrastructure (e.g., tunnels, bridges, interchanges, TMC offices, maintenance facilities). In case of disaster or major incident, this flow provides an assessment of damage sustained by the surface transportation system including location and extent of the damage, estimate of remaining capacity and necessary restrictions, and time frame for repair and recovery.
Yuma County Area Transit (YCAT)	Financial Institution	payment request	Planned	Request for payment from financial institution or related financial service requests (e.g., balance inquiry)
Yuma County Area Transit (YCAT)	Independent School District Bus Dispatch	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
Yuma County Area Transit (YCAT)	Local Dial-A-Ride Transit Dispatchers	transit fare coordination	Planned	Fare and pricing information shared between local/regional transit organizations.
Yuma County Area Transit (YCAT)	Local Dial-A-Ride Transit Dispatchers	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
Yuma County Area Transit (YCAT)	Local Dial-A-Ride Transit Dispatchers	transit traveler information coordination	Planned	Transit schedules, real-time arrival information, fare schedules, and general transit service information shared between transit organizations to support transit traveler information systems.
Yuma County Area Transit (YCAT)	MPO-COG Planning Traffic Database	archived data product requests	Planned	A user-specified request for archived data products (i.e., data, meta data, or data catalogs). The request also includes information that is used to identify and authenticate the user and support electronic payment requirements, if any.
Yuma County Area Transit (YCAT)	MPO-COG Planning Traffic Database	transit archive data	Planned	Data used to describe and monitor transit demand, fares, operations, and system performance. Content may include a catalog of available information, the actual information to be archived, and associated meta data that describes the archived information.
Yuma County Area Transit (YCAT)	Payment Administration Center	account updates	Planned	Updates to an account, such as purchases, uses, cancellation, secureID changes or similar material changes to account information.

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Yuma County Area Transit (YCAT)	Payment Administration Center	smart card reconciliation	Planned	Detailed list of charges of the form charge/transport provider, taken from a smart card that need to be applied to the listed providers.
Yuma County Area Transit (YCAT)	Payment Administration Center	trip access coordination	Planned	Access token granting the bearer the right to use a given transportation resource; typically used when one payment provider is paid for a trip using multiple travel providers; the token is used by the Traveler to gain access to one or more of the travel provider resource (e.g., a transit ride).
Yuma County Area Transit (YCAT)	Personal Information Devices for Travelers	personal transit information	Planned	General and personalized transit information for a particular fixed route, flexible route, or paratransit system.
Yuma County Area Transit (YCAT)	Personal Information Devices for Travelers	traveler payment request	Planned	Request for information supporting payments. For fee structures that include incentives, the request may support either an account debit or an account credit or reimbursement.
Yuma County Area Transit (YCAT)	Personal Information Devices for Travelers	trip plan	Planned	A travel itinerary covering single or multimodal travel. The itinerary identifies a route and associated traveler information and instructions identifying recommended trip modes (including indoor and outdoor wayfinding) and transfer information, ride sharing options, and transit and parking reservation information. This flow also includes intermediate information that is provided as the trip plan is interactively created, including identification of alternatives, requests for additional information as well as amenities along the trip.
Yuma County Area Transit (YCAT)	Personal Information Devices for Travelers	user account reports	Planned	Reports on services offered/provided and associated charges.
Yuma County Area Transit (YCAT)	Private Transit Routing Service Provider	authorization response	Planned	Notification of status of authorization request.
Yuma County Area Transit (YCAT)	Private Transit Routing Service Provider	fare management information	Planned	Transit fare information and transaction data used to manage transit fare processing.
Yuma County Area Transit (YCAT)	Private Transit Routing Service Provider	personal transit information	Planned	General and personalized transit information for a particular fixed route, flexible route, or paratransit system.
Yuma County Area Transit (YCAT)	Private Transit Routing Service Provider	transit traveler information	Planned	Transit information prepared to support transit users and other travelers. It contains transit schedules, real-time arrival information, fare schedules, alerts and advisories, and general transit service information.
Yuma County Area Transit (YCAT)	Private Transit Routing Service Provider	traveler payment request	Planned	Request for information supporting payments. For fee structures that include incentives, the request may support either an account debit or an account credit or reimbursement.
Yuma County Area Transit (YCAT)	Private Transit Routing Service Provider	trip plan	Planned	A travel itinerary covering single or multimodal travel. The itinerary identifies a route and associated traveler information and instructions identifying recommended trip modes (including indoor and outdoor wayfinding) and transfer information, ride sharing options, and transit and parking reservation information. This flow also includes intermediate information that is provided as the trip plan is interactively created, including identification of alternatives, requests for additional information as well as amenities along the trip.
Yuma County Area Transit (YCAT)	Private Transit Routing Service Provider	user account reports	Planned	Reports on services offered/provided and associated charges.
Yuma County Area Transit (YCAT)	Public Private Traveler Information	demand responsive transit plan	Existing	Plan regarding overall demand responsive transit schedules and deployment.

Information Flows – Tabular Format (sorted by Source Element)

RAD-IT Table

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Yuma County Area Transit (YCAT)	Public Private Traveler Information	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Yuma County Area Transit (YCAT)	Public Private Traveler Information	transit and fare schedules	Planned	Transit service information including routes, schedules, and fare information. This also includes on-demand service information.
Yuma County Area Transit (YCAT)	Public Private Traveler Information	transit fare information	Planned	Information provided by transit management that supports fare payment transactions.
Yuma County Area Transit (YCAT)	Public Private Traveler Information	transit schedule adherence information	Planned	Dynamic transit schedule adherence and transit vehicle location information.
Yuma County Area Transit (YCAT)	Public Private Traveler Information	transit trip plan	Planned	An origin-destination transit trip that may involve multiple modes and connections.
Yuma County Area Transit (YCAT)	Transit Providers Dispatch (Public and Private)	transit fare coordination	Planned	Fare and pricing information shared between local/regional transit organizations.
Yuma County Area Transit (YCAT)	Transit Providers Dispatch (Public and Private)	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
Yuma County Area Transit (YCAT)	Transit Providers Dispatch (Public and Private)	transit traveler information coordination	Planned	Transit schedules, real-time arrival information, fare schedules, and general transit service information shared between transit organizations to support transit traveler information systems.
Yuma County Area Transit (YCAT)	Tribal Transit Centers	transit fare coordination	Planned	Fare and pricing information shared between local/regional transit organizations.
Yuma County Area Transit (YCAT)	Tribal Transit Centers	transit service coordination	Planned	Schedule coordination or AVL information shared between local/regional transit organizations. This includes coordination of connections and control parameters between transit properties as well as coordination of transit-related maintenance activities.
Yuma County Area Transit (YCAT)	Tribal Transit Centers	transit traveler information coordination	Planned	Transit schedules, real-time arrival information, fare schedules, and general transit service information shared between transit organizations to support transit traveler information systems.
Yuma County Area Transit (YCAT)	YCAT Buses	alarm acknowledge	Existing	Confirmation that alarm was received, instructions and additional information for the alarm initiator, and requests for additional information.
Yuma County Area Transit (YCAT)	YCAT Buses	authorization response	Planned	Notification of status of authorization request.
Yuma County Area Transit (YCAT)	YCAT Buses	fare management information	Planned	Transit fare information and transaction data used to manage transit fare processing.
Yuma County Area Transit (YCAT)	YCAT Buses	remote vehicle disable	Planned	Signal used to remotely disable a transit vehicle.
Yuma County Area Transit (YCAT)	YCAT Buses	transit schedule information	Existing	Current and projected transit schedule information used to initialize the transit vehicle with a vehicle assignment, monitor schedule performance, and develop corrective actions on-board.
Yuma County Area Transit (YCAT)	YCAT Buses	transit stop request	Planned	Notification that a transit stop has been requested by a transit user at a roadside stop. This flow identifies the route, stop, and the time of the request.

Information Flows – Tabular Format (sorted by Source Element)

Source Element	Destination Element	Flow Name	Flow Status	Flow Description
Yuma County Area Transit (YCAT)	YCAT Buses	transit traveler information	Existing	Transit information prepared to support transit users and other travelers. It contains transit schedules, real-time arrival information, fare schedules, alerts and advisories, and general transit service information.
Yuma County Area Transit (YCAT)	YCAT Buses	transit vehicle operator authentication update	Planned	Results of authentication process or update of on-board authentication database.
Yuma County Area Transit (YCAT)	YCAT Buses	transit vehicle operator information	Existing	Transit service instructions, wide area alerts, traffic information, road conditions, and other information for both transit and paratransit operators.
Yuma County Area Transit (YCAT)	YCAT Kiosks	authorization response	Planned	Notification of status of authorization request.
Yuma County Area Transit (YCAT)	YCAT Kiosks	fare management information	Planned	Transit fare information and transaction data used to manage transit fare processing.
Yuma County Area Transit (YCAT)	YCAT Kiosks	transit traveler information	Planned	Transit information prepared to support transit users and other travelers. It contains transit schedules, real-time arrival information, fare schedules, alerts and advisories, and general transit service information.
Yuma County Area Transit (YCAT)	YCAT Transit Passes	authorization response	Planned	Notification of status of authorization request.
Yuma County Area Transit (YCAT)	YCAT Transit Passes	fare management information	Planned	Transit fare information and transaction data used to manage transit fare processing.
Yuma County Area Transit (YCAT)	YCAT Transit Passes	transit traveler information	Planned	Transit information prepared to support transit users and other travelers. It contains transit schedules, real-time arrival information, fare schedules, alerts and advisories, and general transit service information.
Yuma County Area Transit (YCAT)	YCAT Website	demand responsive transit plan	Existing	Plan regarding overall demand responsive transit schedules and deployment.
Yuma County Area Transit (YCAT)	YCAT Website	emergency transit schedule information	Existing	Information on transit schedule and service changes that adapt the service to better meet needs of responders and the general public in an emergency situation, including special service schedules supporting evacuation.
Yuma County Area Transit (YCAT)	YCAT Website	transit and fare schedules	Planned	Transit service information including routes, schedules, and fare information. This also includes on-demand service information.
Yuma County Area Transit (YCAT)	YCAT Website	transit fare information	Planned	Information provided by transit management that supports fare payment transactions.
Yuma County Area Transit (YCAT)	YCAT Website	transit incident information	Planned	Information on transit incidents that impact transit services for public dissemination.
Yuma County Area Transit (YCAT)	YCAT Website	transit probe data	Planned	Aggregate probe data derived from tracking transit vehicles. Data collected could include transit vehicle speeds and travel times for a given link or collection of links.
Yuma County Area Transit (YCAT)	YCAT Website	transit schedule adherence information	Existing	Dynamic transit schedule adherence and transit vehicle location information.
Yuma County Area Transit (YCAT)	YCAT Website	transit trip plan	Planned	An origin-destination transit trip that may involve multiple modes and connections.