

APPENDIX A

Stakeholders

Stakeholder Name	Stakeholder Description	Group Members
ADOT	<p>Arizona Department of Transportation (ADOT) is the state agency responsible for the safe, efficient and cost-effective movement of people and products throughout the State of Arizona. ADOT is responsible for managing, operating, and maintaining state-owned transportation infrastructure. ADOT is comprised of multiple divisions, five of which, directly relate to this project: Enforcement and Compliance Division (ECD), Infrastructure Delivery and Operations Division (IDO), Motor Vehicle Division (MVD), Transportation Systems Management and Operations Division (TSMO) and Multimodal Planning Division (MPD). ADOT's IDO is responsible for building and maintaining Arizona's highway infrastructure. Within ADOT's Transportation Division, the state is divided into 7 regional districts: Central, Northcentral, Southcentral, Northwest, Northeast, Southwest and Southeast. TSMO was formed in 2015 to optimize performance of the existing transportation infrastructure through implementation of systems, services, and projects to preserve capacity and improve reliability and safety of the transportation system. MPD is responsible for long range planning and transportation programming including the State Transportation Improvement Program (STIP). The ECD is the law enforcement component of ADOT, and the MVD is ADOT's division that handles AZ drivers' licenses and vehicle registrations.</p>	
American Association of Motor Vehicle Administrators (AAMVA)	<p>The American Association of Motor Vehicle Administrators (AAMVA) is a non-profit organization striving to develop model programs in motor vehicle administration, police traffic services, and highway safety. AAMVA represents the state and provincial officials in the United States and Canada who administer and enforce motor vehicle laws. AAMVA operates the International Registration Plan (IRP) Clearinghouse.</p>	
Archive Data Users	<p>This stakeholder represents any user of archive data products from any archive management system. This may include individual users, computer applications, or modeling systems utilizing the archived data.</p>	
Arizona Cities and Towns	<p>This stakeholder represents all cities and towns throughout the State of Arizona. Some of their responsibilities include: traffic operations, fire, law enforcement, public safety answering points (PSAP), maintenance, websites, and archived databases.</p> <p>There are many cities and towns in Arizona whose traffic management functions and infrastructure are not specifically called out in the Maricopa Association of Governments (MAG) or Pima Association of Governments (PAG) ITS Regional Architectures, but have planned or already operate signal systems or other ITS elements.</p> <p>This stakeholder group includes all cities and towns outside the MAG and PAG regions:</p> <ul style="list-style-type: none"> • Benson • Bisbee • Bullhead City • Camp Verde • Casa Grande • Chino Valley • Clarkdale • Clifton • Colorado City • Coolidge • Cottonwood • Dewey Humboldt • Douglas • Duncan • Eagar • Eloy • Flagstaff • Fredonia • Globe • Hayden • Holbrook • Huachuca City • Jerome • Kearny • Kingman • Lake Havasu City • Mammoth • Miami • Nogales • Page • Parker • Patagonia • Payson • Pima • Pinetop-Lakeside • Prescott • Prescott Valley • Quartzsite • Safford • Sahuarita • San Luis • Sedona • Show Low • Sierra Vista • Snowflake • Somerton • Springerville • St. Johns • Star Valley • Superior • Taylor • Thatcher • Tombstone • Tusayan • Wellton • Willcox • Williams • Winkelman • Winslow • Yuma 	

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Arizona Counties	<p>This stakeholder represents all counties throughout the State of Arizona. Some of their responsibilities include traffic operations, fire, law enforcement, public safety answering points (PSAP), maintenance, websites, and archived databases.</p> <p>There are many counties in Arizona whose traffic management functions and infrastructure are not specifically called out in the Maricopa Association of Governments (MAG) or Pima Association of Governments (PAG) ITS Regional Architectures, but have planned or already operate signal systems or other ITS elements.</p> <p>This stakeholder group includes the following counties:</p> <ul style="list-style-type: none"> • Apache • Cochise • Coconino • Gila • Graham • Greenlee • La Paz • Mohave • Navajo • Pinal (the portion not included in MAG’s ITS Regional Architecture) • Santa Cruz • Yavapai • Yuma <p>Several counties’ traffic management functions for ITS include dynamic or automated devices for traveler information, traffic and weather data collection, driver feedback, and related actuated devices for traffic control and route guidance. Stakeholder inventory includes these elements.</p>	
Arizona Department of Environmental Quality (ADEQ)	<p>The Arizona Department of Environmental Quality (ADEQ) has a mission to protect and enhance public health, welfare, and the environment in Arizona. Established by the Arizona Legislature in 1986 in response to growing concerns about groundwater quality, ADEQ today administers a variety of programs to improve the health and welfare of its citizens and ensures the quality of Arizona's air, land, and water resources meet healthful, regulatory standards. ADEQ is responsible for the state vehicle emissions program, including Commercial Vehicle Operations (CVO) emissions, and are also responsible for the State Implementation Plan.</p>	
Arizona Department of Public Safety (DPS)	<p>The Arizona Department of Public Safety (DPS) represents highway law enforcement and is divided into 4 divisions:</p> <ul style="list-style-type: none"> • Agency Support, • Criminal Investigations, • Highway Patrol and • Technical Services. <p>DPS is responsible for ensuring the safe and expeditious use of the highway transportation system for the public and to provide assistance to local and county law enforcement agencies. DPS coordinates with Arizona Department of Transportation in these efforts. DPS also provides services and enforcement in commercial motor vehicle, tow truck, safety programs and is responsible for the air rescue and aviation services.</p>	
Arizona Division of Emergency and Military Affairs (DEMA)	<p>The Arizona Division of Emergency and Military Affairs (DEMA) consists of the Arizona National Guard, Division of Emergency Management, and Division of Administrative Services. DEMA provides unique capabilities and services to the citizens of Arizona in three distinct roles: community, state, and federal.</p>	

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Arizona MPOs and COGs	<p>Metropolitan Planning Organizations (MPO) and Council of Governments (COG) provide leadership and guidance for regional transportation planning through building consensus and cooperative efforts. Each MPO and COG has boundaries that include cities and counties. This stakeholder represents all ITS elements owned and operated by MPOs and COGs with existing and planned ITS activities throughout the State of Arizona, that are not included in other ITS Architectures (MAG or PAG Regional ITS Architectures). All MPOs and COGs are represented by this stakeholder, including but not limited to:</p> <ul style="list-style-type: none"> • Central Arizona Government (CAG) • Northern Arizona Council of Governments (NACOG) • SouthEastern Arizona Governments Organization (SEAGO) • Western Arizona Council of Governments (WACOG) • Central Yavapai Metropolitan Planning Organization (CYMPO) • Flagstaff Metropolitan Planning Organization (FMPO) • Lake Havasu Metropolitan Planning Organization (LHMPO) • Sun Corridor Metropolitan Planning Organization (SCMPO) • Sierra Vista Metropolitan Planning Organization (SVMPO) • Yuma Metropolitan Planning Organization (YMPO) <p>Several MPOs in the state also operate transit facilities.</p>	
Arizona Tribal Strategic Partnering Team (ATSPT)	<p>The Arizona Tribal Strategic Partnering Team (ATSPT) was established in 1999 through the efforts of the ADOT Partnering Section, ADOT Civil Rights Office, ADOT MPD, and FHWA to bring together representatives from state, tribal, federal, and local agencies to discuss tribal related transportation issues and to develop strategies through which those issues can be addressed. ATSPT's active participating agencies include ADOT, Bureau of Indian Affairs (BIA), Inter-Tribal Council of Arizona, counties, and tribes. With the adoption of the ADOT Tribal Consultation Policy, ADOT is committed to work with the tribes, communities and native nations to consult and coordinate on State and tribal transportation missions and goals.</p>	ADOT
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Arizona Universities	<p>This stakeholder represents all universities within Arizona that participate in ITS related projects, research, and/or evaluations of ITS applications. The public universities include: Arizona State University (ASU), Northern Arizona University, and University of Arizona (UofA).</p> <p>The UofA, ATLAS Center is involved in the SmartDrive - Connected Vehicle (formerly VII) effort involving on-board emergency response vehicles that communicate with roadside equipment to reduce crashes and support traffic incident management initiatives. The University of Arizona has also been involved in ITS research with collision avoidance systems, testing on-board RADAR and tracking systems, Real-time Hierarchically Optimized Distributed Effective Signal system (RHODES), and other ITS efforts.</p>	
AZTech	<p>AZTech is a regional traffic management and traffic data sharing partnership (25 partners) in the Phoenix Metropolitan area that guides the application of Intelligent Transportation System (ITS) technologies for managing regional traffic. AZTech carefully integrates individual traffic management strategies and technologies for regional benefit, while preserving operational control protocols important to individual jurisdictions. The center-to-center system, whereby traffic management tools and information are shared among traffic and emergency management subsystems on a center to center basis for stakeholder agencies in real time, has become the central data-sharing system.</p>	ADOT
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	<p>AZTech is a regional traffic management and traffic data sharing partnership (25 partners) in the Phoenix Metropolitan area that guides the application of Intelligent Transportation System (ITS) technologies for managing regional traffic. AZTech carefully integrates individual traffic management strategies and technologies for regional benefit, while preserving operational control protocols important to individual jurisdictions. The center-to-center system, whereby traffic management tools and information are shared among traffic and emergency management subsystems on a center to center basis for stakeholder agencies in real time, has become the central data-sharing system.</p>	Arizona Universities
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Bureau of Indian Affairs (BIA)	The Bureau of Indian Affairs' mission is to enhance the quality of life, to promote economic opportunity, and to carry out the responsibility to protect and improve the trust assets of American Indians, Indian tribes and Alaska Natives.	
Emergency Medical (EM) Transport Companies	Emergency Medical (EM) Contract Transport Companies are the emergency medical service providers that offer ambulance services and medical transports.	
Federal Highway Administration (FHWA)	Federal Highway Administration (FHWA) has served as a funding and advisory partner in the State of Arizona throughout ITS planning and deployment spanning the '80s, '90s and into the 21st century. They are partners in AZTech, the Arizona E-Vehicle Infrastructure Integration Initiative, this Statewide ITS Architecture update, and federally funded transportation related projects in the State of Arizona.	
Federal Motor Carrier Safety Agency (FMSCA)	The Federal Motor Carrier Safety Agency (FMSCA) is an agency within the US Department of Transportation responsible for commercial vehicle operations.	
Financial Institutions	This stakeholder represents financial and banking institutions that play a role in the transfer of funds for fare collection as well as for other fee-based transportation services.	
GIS Mapping Designers	This stakeholder represents designers who create and update maps for use in routing and identifying longitude and latitude locations.	
I-10 Corridor Coalition	Founded in 2016, the I-10 Corridor Coalition is a voluntary coalition of state Departments of Transportation that are committed to a multi-jurisdictional coordination, organized around a common agenda and facilitated through a cooperative support structure. The geographic boundary of the coalition will encompass the corridor along Interstate 10 throughout the states of California, Arizona, New Mexico, and Texas. Projects will be developed through this partnership in future years which will impact commercial vehicle operations, freight services, security, and connected vehicles.	ADOT
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Independent School Districts	This stakeholder represents all public-school districts throughout the State of Arizona. The districts have been included primarily for their role in emergency situations (e.g., evacuations during which school buses are utilized).	
International Fuel Tax Association (IFTA)	This is an international clearinghouse (US and Canada) designed to allocate fuel taxes between US states and Canadian provinces for motor carrier activities across jurisdictional lines, in accordance with the International Fuel Tax Agreement.	
Maricopa Association of Governments (MAG)	The Maricopa Association of Governments (MAG) is the Council of Governments (COG) that serves as the regional Metropolitan Planning Organization (MPO) for the Phoenix area. MAG developed and provides updates to the MAG Regional ITS Architecture which is a related architecture of this Statewide ITS Architecture update. MAG projects and ITS operations can be found in the MAG Regional ITS Architecture at: http://www.consystec.com/mag/web/	
Maricopa County Department of Transportation (MCDOT)	The Maricopa County Department of Transportation (MCDOT) plans, designs, constructs, and maintains roadways primarily within the unincorporated areas of the county. MCDOT partnered with ADOT in several projects that have a statewide impact related to emerging technologies such as connected vehicles (previously recognized as Vehicle Infrastructure Integration (V-II)). MCDOT is a stakeholder in the MAG Regional ITS Architecture, however, they are also included in the Arizona Statewide ITS Architecture to show statewide coordination efforts for evacuation, statewide emergency management services, and projects involving ADOT. MCDOT's ITS projects and all operations can be found in the MAG Regional ITS Architecture at: http://www.consystec.com/mag/web/	
Media	This stakeholder represents owners/operators of communications media including television, radio, newspapers, and internet news sources.	
Mexico Governmental Agencies	This stakeholder represents all of the government agencies within the country of Mexico that handle traffic operations, maintenance of roads, emergency operations, border inspection, and clearance operations.	
National Oceanic Atmospheric Administration (NOAA)	The National Oceanic and Atmospheric Administration (NOAA) is a federal agency focused on the condition of the oceans and the atmosphere. It plays several roles in providing local weather services. They also receive Road Weather Information System (RWIS) data from ADOT.	
Pima Association of Governments (PAG)	Pima Association of Governments (PAG) is the regional Metropolitan Planning Organization (MPO) for Southern Arizona. PAG includes Pima County, the Cities of South Tucson and Tucson, the Towns of Marana, Oro Valley, and Sahuarita, the Pascua Yaqui Tribe, and the Tohono O'Odham Nation. PAG developed and maintains the PAG Regional ITS Architecture.	
Private Commercial Carriers	This stakeholder represents private owners of commercial vehicles that carry goods throughout the State of Arizona.	
Private Container System Owners	This stakeholder represents owners of private container systems that pass from port to port using the interstate corridor systems.	
Private Information Service Providers	This stakeholder represents local, regional, and national information service providers (e.g., Navigator, SmartRoutes, Metro Traffic, Google Transit, Dial-a-Ride, WAZE) that provide travel information to the public. This information is delivered through subscription services or general broadcast information including: internet sites, hand-held devices with access to traffic conditions (e.g., smart phones), and service bureaus (e.g., AZ511).	
Public and Private Transit Providers	This stakeholder represents Northern Arizona Intergovernmental Public Transportation Authority (NAIPTA), Central Yavapai Metropolitan Planning Organization (CYMPO), Yuma County Intergovernmental Public Transportation Authority (YCIPTA), and all transit providers throughout Arizona. It also consists of public or private transit providers that offer transit, commuter, and event management services, including local fixed-route shuttle buses, paratransit services, and dial-a-ride services.	Arizona MPOs and COGs

Stakeholder Name	Stakeholder Description	Group Members
Rail Organizations	This stakeholder represents owners of private rail systems.	
State of California	This stakeholder represents the California Department of Public Safety-California Highway Patrol (CHP) and the California Department of Transportation (Caltrans).	
State of Nevada	This stakeholder represents the Nevada Department of Public Safety (DPS) - Nevada Highway Patrol and the Nevada Department of Transportation (NDOT).	
State of New Mexico	This stakeholder represents the New Mexico Department of Public Safety (DPS) - New Mexico Highway Patrol and New Mexico Department of Transportation (NMDOT).	
State of Utah	This stakeholder represents the State of Utah Department of Public Safety (DPS) - Highway Patrol and the Utah Department of Transportation (UDOT).	
Time and Data Sources	This stakeholder represents any service that provides time, location tracking, and real time services such as Google Map.	
Travelers	This stakeholder represents the public at large.	
Tribal Governments - Statewide	<p>This stakeholder represents all tribal governments within the State of Arizona. There are 22 federally recognized Native American Tribes, Communities and Nations with reservation land and their own ITS systems:</p> <ul style="list-style-type: none"> • Ak-Chin Indian Community • Cocopah Indian Tribe • Colorado River Indian Tribes • Fort McDowell Yavapai Nation • Fort Mojave Indian Tribe • Fort Yuma Quechan Indian Tribe • Gila River Indian Community • Havasupai Indian Tribe • Hopi Tribe • Hualapai Tribe • Kaibab Band of Paiute Indians • Navajo Nation • Pascua Yaqui Tribe • Pueblo of Zuni • Salt River Pima-Maricopa Indian Community • San Carlos Apache Tribe • San Juan Southern Paiute Tribe • Tohono O’odham Nation • Tonto Apache Tribe • White Mountain Apache Tribe • Yavapai-Apache Nation • Yavapai-Prescott Indian Tribe 	
US Customs and Border Protection (CBP)	US Customs and Border Protection (CBP) represents two of the Department of Homeland Security’s (DHS) largest and most complex components, with a priority mission of keeping terrorists and their weapons out of the US. It also has a responsibility for securing the border and facilitating lawful international trade and travel while enforcing hundreds of US laws and regulations, including immigration and drug laws. The CBP also provides updated wait times for reaching the primary inspection booth when in traffic queues.	
US Immigration and Customs Enforcement (ICE)	US Immigration and Customs Enforcement is the principal investigative arm of the US Department of Homeland Security (DHS) and the second largest investigative agency in the federal government.	