Appendix I – ITS Project List for the Arizona Statewide ITS Architecture Update (Project Sequence)

Project List (Project Sequence)

Project Sponsor	Project Name	Status	Timeframe	Description
Arizona Department of Transportation (ADOT)	ADOT Active Traffic Management on US60: I-10 to Higley	Planned	MEDIUM	This project equips US60 from I-10 to Higley with active traffic management methods and field elements to increase peak capacity, smooth traffic flows and enhance safety. Methods may include variable speed limits, adaptive ramp metering, queue protection, lane management, wrong way detection and traveler information.
Arizona Department of Transportation (ADOT)	ADOT Alternate Route Notification - Statewide	Planned	LONG	This project will develop a decision support system (DSS) for statewide integrated and proactive management to inform drivers of alternative route selections through instrumented and communicative infrastructure. This process also includes data warehousing such as data acquisition, storage, and archiving.
Arizona Department of Transportation (ADOT)	ADOT Alternative Truck Routing on I-10	Planned	LONG	Arizona Department of Transportation in collaboration with the I-10 Corridor Coalition will develop an integrated corridor management (ICM) decision support system (DSS) for truck routing and operations using real-time traffic data on I-10.
Arizona Department of Transportation (ADOT)	ADOT CCTV Installation Around Mini-Stack	Planned	SHORT	Install 5 cameras around the 'mini-stack' where I-10, SR 51, and SR 202 intersect
Arizona Department of Transportation (ADOT)	ADOT CCTV Installation on I-10 MP 246 to MP 309	Planned	SHORT	6 CCTVs installation on I-10 between MP 246 to MP 309
Arizona Department of Transportation (ADOT)	ADOT CCTV Upgrade Around State	Planned	SHORT	Upgrade 18 old CCTVs on I-10, I-17, I-40, SR 64, SR 69, SR 77, SR 95, and US 60
Arizona Department of Transportation (ADOT)	ADOT Curve Warning ITS on SR 87	Planned	LONG	-Install speed feedback signs and speed advisory warning signs with flashing beacons at curves (SB MP 247, MP 245)-Install speed feedback signs NB MP 244.6-Implement variable speed limits MP 241-246 with new DMS and CCTV SB at MP 247 and new DMS and CCTV NB at MP 240
Arizona Department of Transportation (ADOT)	ADOT CVO Enforcement Applications	Planned	MEDIUM	Arizona Department of Transportation in collaboration with the I-10 Corridor Coalition will develop smart roadside initiatives that may include electronic screening for vehicle and driver credentials, virtual weigh stations and additional inspection stations.
Arizona Department of Transportation (ADOT)	ADOT CVO Truck Platooning on I-10	Planned	LONG	Arizona Department of Transportation in collaboration with the I-10 Corridor Coalition will integrate truck platooning technologies into the I-10 Corridor features. Truck platooning uses vehicle to vehicle (V2V) communications allowing multiple trucks to closely follow one another.
Arizona Department of Transportation (ADOT)	ADOT DMS Installation in Eager	Planned	MEDIUM	Install 3 DMSs around Eager Area: US 60 (MP 387), US 180 (MP 403), SR 260 (MP 395)

Project List (Project Sequence)

Project Sponsor	Project Name	Status	Timeframe	Description
Arizona Department of Transportation (ADOT)	ADOT DMS: High Priority	Planned	SHORT	Install DMS in the following locations: Relocation of SR 93 MP 28 DMS Sign; Two signs on I-8 W/B & E/B around Dateland; Two signs on I-19 S/B & N/B around Sahuarita; I-19 N/B around MX Border; US 191 N/B before US 70; I-17 N/B before SR 169; Two signs on SR 77 N/B before SR 79 and another before SR 177; SR 89 W/B on MP 360; I-10 W/B before Quartzite; I-10 W/B MP 188 and E/B MP 196; SR 387 N/B MP 7, N/B at Kortsen Rd, and S/B on McCartney Rd; SR 87 E/B at SR 287 junction and S/B MP 116
Arizona Department of Transportation (ADOT)	ADOT DMS: Low Priority	Planned	LONG	Install DMS in the following locations: I-10 W/B before I-8; Two signs on I-17 N/B before SR 69 and before SR 260; Two signs I-17 S/B before SR 169 and before SR 179; SR 86 E/B before I-19 junction; I-40 E/B around MP 191; US 191 around MP 158; Two signs on US 60 at MP 130 in both directions.
Arizona Department of Transportation (ADOT)	ADOT DMS: Medium Priority	Planned	MEDIUM	Install DMS in the following locations: Two signs on I-10 W/B before US 191 and before Riggs Rd; I-10 E/B before SR 587; I-40 W/B before SR 95; US 93 S/B around MP 27; Two signs on SR 86 E/B & W/B around Sells; SR 87 N/B around MP 225; SR 347 N/B before I-10.
Arizona Department of Transportation (ADOT)	ADOT Fiber Installation on Grand Ave/US 60	Planned	MEDIUM	Install fiber on Grand Ave/US 60 (MP 110 to 160)
Arizona Department of Transportation (ADOT)	ADOT Fiber Installation on I-10 from CA Border to Phoenix	Planned	LONG	Install fiber on I-10 between CA Border and Phoenix (MP 0 to MP 112)
Arizona Department of Transportation (ADOT)	ADOT Fiber Installation on I-10 through GRIC	Planned	SHORT	Install fiber on I-10 through the Gila River Indian Community (MP 164 to MP 187)
Arizona Department of Transportation (ADOT)	ADOT Fiber Installation on I-40 between Flagstaff and NM Border	Planned	SHORT	Install fiber on I-40 between Flagstaff and NM border (MP 195 to MP 360)
Arizona Department of Transportation (ADOT)	ADOT Fiber Installation on I-8 between CA Border and Gila Bend	Planned	LONG	Install fiber on I-8 between Yuma and Gila Bend (MP 0 to MP 114)
Arizona Department of Transportation (ADOT)	ADOT Fiber Installation on SR 69 between I-17 and Prescott	Planned	MEDIUM	Install fiber on SR 69 between I-17 and Prescott (MP 263 to MP 296)

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Project Sponsor	Project Name	Status	Timeframe	Description
Arizona Department of Transportation (ADOT)	ADOT Fiber Installation on SR 85 between Gila Bend and I-10	Planned	MEDIUM	Install fiber on SR 85 between Gila Bend and I-10 (MP 120 to MP 154)
Arizona Department of Transportation (ADOT)	ADOT Fiber Installation on SR 87 from L202 to Payson	Planned	MEDIUM	Install fiber on SR 87 (MP 177 to MP 236)
Arizona Department of Transportation (ADOT)	ADOT FMS on I-10: I-19 to Kolb Road	Planned	MEDIUM	ADOT is expanding their freeway management system (FMS) to include node buildings, fiber, CCTV, DMS, ramp meters, and mainline detection.
Arizona Department of Transportation (ADOT)	ADOT I-17 Flex Lanes	Planned	SHORT	Two lanes will be added to S/B I-17 for about 8 miles between Black Canyon City and Sunset Point. Steel gates and DMS signs will be remotely operated by the TOC.
Arizona Department of Transportation (ADOT)	ADOT I-17 Queue Protection – SB	Planned	LONG	Speed feedback with back of queue DSS add Variable Speed and DMS signs as well on I-17 from MP 299 to MP 306
Arizona Department of Transportation (ADOT)	ADOT I-17 SMART Highway Project	Planned	SHORT	Add 2 DMS (N/B at MP 286 and S/B MP 324), 6 CCTV (MP 263, MP 286, MP 287, MP 293, MP 323, MP 324), 5 WWD (SR 69, SR 260, Cornville, Pinewood, and Acrosanti TIs), and 1 RWIS (MP 296) on I-17.
Arizona Department of Transportation (ADOT)	ADOT I-19 SMART Highway Project	Planned	MEDIUM	Add last mile fiber connection along SR 189 and B-19 and add CCTVs and DMS along I-19 corridor.
Arizona Department of Transportation (ADOT)	ADOT I-40 and SR 89 - DMS	Planned	SHORT	Install DMS at the following locations: I-40 W/B MP 75 and SR 89 N/B MP 360
Arizona Department of Transportation (ADOT)	ADOT I-40 SMART Highway Project	Planned	SHORT	Add Fiber, 1 W/B DMS, and 1 CCTV from I-17 to Country Club Dr.
Arizona Department of Transportation (ADOT)	ADOT I-40 Variable Speed Limits for Winter Operations	Planned	SHORT	Variable Speed Limit with DSS for Winter Operations on I-40 from MP 146 to MP 252
Arizona Department of Transportation (ADOT)	ADOT I-40: I-17 - Country Club Dr - Fiber, DMS, and CCTV	Planned	SHORT	Install Conduit, 288 Stand Fiber, DMS, and CCTV Devices on I-40 from I-17 to Country Club Dr MP 195 to 201

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Project Sponsor	Project Name	Status	Timeframe	Description
Arizona Department of Transportation (ADOT)	ADOT I-8 and SR 85 - DMS and a Queue Warning System	Planned	SHORT	Install DMS and a queue warning system on I-8 and SR 85 junction; Install a DMS on the intersection of I-10 and I-8
Arizona Department of Transportation (ADOT)	ADOT Integrated Corridor Management on US60: I-10 to SR202L	Planned	LONG	This project will implement integrated corridor management (ICM) techniques on US60 from I-10 to SR202L to improve travel time reliability and predictability, help manage congestion, optimize throughput, and provide travelers with improved information and routing options. In addition, this project will develop ICM deployment alternatives and identify ICM strategies for US60 and the available parallel alternative routes.
Arizona Department of Transportation (ADOT)	ADOT ITS Installation Along I-40 MP 12 to MP 310 - CCTV, DMS, and RWIS	Planned	MEDIUM	5 CCTVs, 1 DMS, and 3 RWISs installation on I-40 between MP 12 to MP 310
Arizona Department of Transportation (ADOT)	ADOT ITS Installation in Payson - DMS and CCTV	Planned	MEDIUM	Installation of 3 DMSs and 1 CCTV in the Payson area: SR 87 (MP 250 to MP 255) and SR 260 (MP 255)
Arizona Department of Transportation (ADOT)	ADOT ITS Installation on Grand Ave - DMS and CCTV	Planned	MEDIUM	Installation of 4 DMS and 8 CCTV along Grand Ave (US 60 MP 140 to MP 160)
Arizona Department of Transportation (ADOT)	ADOT ITS Installation on I-10 MP 196 to MP 205 - CCTV and DMS	Planned	MEDIUM	1 CCTV and 2 DMSs installation between I-10 MP 196 to MP 205
Arizona Department of Transportation (ADOT)	ADOT MAG Region Blindspot CCTV: High Priority	Planned	SHORT	Install CCTV at the following locations: Three cameras on I-10 on MP 155, MP 145.9, and MP 154; Two cameras on SR 202L on MP 5 and MP 0
Arizona Department of Transportation (ADOT)	ADOT MAG Region Blindspot CCTV: Low Priority	Planned	LONG	Install CCTV at the following locations: Three cameras on SR 101L on MP 7.5, MP 39, and MP 55; SR 202L MP 47; I-10 MP 157
Arizona Department of Transportation (ADOT)	ADOT MAG Region Blindspot CCTV: Medium Priority	Planned	MEDIUM	Install CCTV at the following locations: Two cameras on SR 101L on MP 12 and MP 55; SR 202L on MP 4 and MP 6; SR 51 MP 0.5

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Project Sponsor	Project Name	Status	Timeframe	Description
Arizona Department of Transportation (ADOT)	ADOT MAG Region CCTV Expansion: High Priority	Planned	SHORT	Install CCTV at the following locations: Two cameras on I-10 MP 144 and MP 150; Two cameras on SR 101L MP 30.5 and MP 28.5; SR 202L MP6
Arizona Department of Transportation (ADOT)	ADOT MAG Region CCTV Expansion: Low Priority	Planned	LONG	Install CCTV at the following locations: US 60 MP 193.4; SR 85 MP 153; SR 202L MP 54.2; SR 303L MP 3; SR 347 MP 188
Arizona Department of Transportation (ADOT)	ADOT MAG Region CCTV Expansion: Medium Priority	Planned	MEDIUM	Install CCTV at the following locations: Two cameras on I-10 MP 122 and MP 164.5; SR 101L MP 29.5; SR 202L MP 10.5; US 60 MP 155
Arizona Department of Transportation (ADOT)	ADOT Metro Phoenix Loop Detector Rehab	Planned	SHORT	Fix Loop Detector locations in Metro Phoenix
Arizona Department of Transportation (ADOT)	ADOT Ramp Meters Installation on I-10 in Tucson	Planned	MEDIUM	Install Ramp Meters in Tucson along I-10 between Twin Peaks Rd and Rita Rd
Arizona Department of Transportation (ADOT)	ADOT Ramp Meters Installation on I-10 Papago	Planned	SHORT	Install Ramp Meters along I-10 between SR 303 and SR 101
Arizona Department of Transportation (ADOT)	ADOT Ramp Meters Installation on I-19 in Tucson	Planned	LONG	Install Ramp Meters along I-19 between Ajo Way and San Xavier Rd
Arizona Department of Transportation (ADOT)	ADOT Regional Integrated Transportation Information System (RITIS)	Planned	MEDIUM	The acquisition of RITIS which is a data analysis tool to help manage traffic operations. RITIS integrates third party probe data, ADOT's incident data, and other data sources to allow real time analysis of traffic incidents.
Arizona Department of Transportation (ADOT)	ADOT Roadway Lighting System	Planned	SHORT	This Arizona Department of Transportation project will extend the LED roadway lighting operability pilot installation to enhance cost savings associated with LED roadway lighting conversions. Data is collected and stored including on-off status, power demand, and energy use for each fixture. This system allows the operator to turn fixtures on/off remotely and invoke dimming of individual fixtures.

Project List (Project Sequence)

Project Sponsor	Project Name	Status	Timeframe	Description
Arizona Department of Transportation (ADOT)	ADOT Rural CCTV Expansion - CCTV on DMS	Planned	SHORT	Add 5 CCTV on DMSs with no confidence CCTV on I-10 (2), US 93, SR 69, and US 60
Arizona Department of Transportation (ADOT)	ADOT RWIS: High Priority	Planned	SHORT	Install RWIS in the following locations: Tuba City - SR 264 MP 348; Over the Summit - US 89 MP 113; Tusayan - SR 64 MP 234
Arizona Department of Transportation (ADOT)	ADOT RWIS: Low Priority	Planned	LONG	Install RWIS in the following locations: Willow Number 4- I-40 MP 83; Willow Beach US 93 MP 25; Holy Moses I-40 MP 48
Arizona Department of Transportation (ADOT)	ADOT RWIS: Medium Priority	Planned	MEDIUM	Install RWIS in the following locations: Cordes Junction - I-17 MP 271; Cerro Montosa - US 60 MP 368; Copper Canyon - I-17 MP 291
Arizona Department of Transportation (ADOT)	ADOT SR 51: I-10 - SR 101L - Wrong Way Detection	Planned	SHORT	Wrong Way Detection MAG TIP: DOT25-26C (Procurement), DOT 25-26D (Design)
Arizona Department of Transportation (ADOT)	ADOT SR 69 ITS Improvements and Raised Median	Planned	LONG	Intelligent Transportation System Improvements and Raised Median on SR 69 from MP 287 to MP 290
Arizona Department of Transportation (ADOT)	ADOT Systems Maintenance and Signal Operations - Replace Current ATMS	Planned	SHORT	DOT25-260C - Replace Current ATMS
Arizona Department of Transportation (ADOT)	ADOT Truck Parking Availability System (TPAS) on I-10	Planned	SHORT	In order to improve efficiency, economic competitiveness, wayfinding and safety, Arizona Department of Transportation in collaboration with the I-10 Corridor Coalition will develop and deploy a system to provide truck drivers with reliable real-time information to make smarter more efficient parking decisions. The system will identify available parking options and the capacity of truck parking lots using advanced parking technologies and communicate parking availability to commercial vehicle operators in real-time.
Arizona Department of Transportation (ADOT)	ADOT Tucson Area Variable Speed Limits	Planned	LONG	Install Variable Speed Limits in Both Directions on I-19 from MP 57 to MP 64
Arizona Department of Transportation (ADOT)	ADOT VSL on Urban Freeways	Planned	MEDIUM	This project installs variable speed limits (VSL) and the associated systems on Urban Freeways within the Phoenix Metropolitan Area.

Project List (Project Sequence)

Project Sponsor	Project Name	Status	Timeframe	Description
Arizona Department of Transportation (ADOT)	ADOT Wrong Way Driver cameras - L101, L202, and L303	Planned	MEDIUM	Integrate thermal WWD cameras into DSS
Arizona Department of Transportation (ADOT)	ADOT Wrong Way Driver Detection Expansion: High Priority	Planned	SHORT	Install thermal WWD cameras in the following locations: I-10 Maricopa MP 150 to MP 166 and I-15 MP 0 to MP 30
Arizona Department of Transportation (ADOT)	ADOT Wrong Way Driver Detection Expansion: Low Priority	Planned	LONG	Install thermal WWD cameras in the following locations: I-10 Tucson MP 236 to MP 261 and I-17 MP 223 to MP 262
Arizona Department of Transportation (ADOT)	ADOT Wrong Way Driver Detection Expansion: Medium Priority	Planned	MEDIUM	Install thermal WWD cameras in the following locations: I-40 Flagstaff MP 185 to MP 211 and I-10 MP 0 to MP 112
Arizona Department of Transportation (ADOT)	ADOT/MCDOT Accelerated Innovation Deployment (AID) Smart Work Zone Technology Demonstration	Planned	SHORT	ADOT and MCDOT will procure and implement Smart Work Zone (SWZ) technologies in conjunction with programmed construction and maintenance projects on freeways and arterials. The technologies will be evaluated and reported to FHWA.
Arizona Department of Transportation (ADOT)	ADOT/MCDOT Adaptive Traffic Signal Control on SR101L	Planned	SHORT	Arizona Department of Transportation and Maricopa County Department of Transportation in collaboration with others will provide enhanced signal timing technologies to improve cross jurisdictional signal operations during integrated corridor management (ICM) or other events that generate atypical volumes or flows. This project will use new adaptive signal control technology (ASCT) to adjust the signal timing on pre-determined arterial corridors in response to real time traffic patterns and congestion near Loop 101 in the Phoenix Metropolitan Area.

Project List (Project Sequence)

Project Sponsor	Project Name	Status	Timeframe	Description
Arizona Department of Transportation (ADOT)	ADOT/MCDOT Arizona Connected Vehicle Program Expansion	Planned	SHORT	Arizona Department of Transportation and Maricopa County Department of Transportation in collaboration with University of Arizona and others partnered together to develop the Arizona Connected Vehicle Program. This test bed includes all signalized intersections within the Anthem Community including the I-17/Daisy Mountain Drive Interchange. Multi Modal Intelligent Traffic Signal System (MMITSS) was selected as the signal priority/optimization system that operates in a connected vehicle environment to service all modes of transportation, including passenger vehicles, transit, emergency vehicles, freight fleets, bicycles and pedestrians. This project will expand connected vehicle applications along the existing test bed. New applications may include but are not limited to audible pedestrian times for walk/don't walk that are dependent upon pedestrian's location, freight priority, transit priority, work zone enhancements, incident alerting, data archive improvements, and overall testbed expansion including additional intersections and ADOT I-17 interchanges in the region.
Arizona Department of Transportation (ADOT)	ADOT/MCDOT Decision Support System on SR101L	Planned	SHORT	Arizona Department of Transportation and Maricopa County Department of Transportation in collaboration with others are partnered together to develop a decision support system (DSS) that will collect and use real time data from agencies and private sector partners to model, assess and recommend the best set of integrated corridor management (ICM) responses. It will also support performance measurement and evaluation of impacts of the DSS.
Arizona Department of Transportation (ADOT)	ADOT/MCDOT Integrated Traveler Mobility on SR101L	Planned	SHORT	Arizona Department of Transportation and Maricopa County Department of Transportation in collaboration with others are partnered together to implement an integrated traveler mobility project that will improve data exchange between the transportation network and the travelers that are interacting with it. The app will facilitate improved data and information exchanges between the app users and the overall ICM application and DSS in real-time and will include optimum route and travel time information based on the DSS recommendations.
City of Casa Grande	Casa Grande EOC	Planned	MEDIUM	Upgrade Emergency Operations Center (EOC) to improve communications during wide area alerts, emergencies, disasters and other EOC activations.
City of Casa Grande	Casa Grande ITS Field Equipment	Planned	MEDIUM	Add ITS Field Equipment such as CCTV and DMS.
City of Casa Grande	Casa Grande TMC	Planned	LONG	Construct a new Casa Grande TMC and install equipment/software. Connect to ADOT, police, fire, and transit.
City of Casa Grande	Casa Grande Traveler Information	Planned	LONG	Develop a traveler information system for travel time, road closures, and weather alerts.

Project List (Project Sequence)

Project Sponsor	Project Name	Status	Timeframe	Description
City of Casa Grande	Casa Grande Weather System	Planned	LONG	This project will install weather systems to notify travelers of poor weather conditions such as flooding, low visibility, and high winds.
Arizona Department of Public Safety	DPS Backhaul Communications	Planned	MEDIUM	Upgrade backhaul communications to improve radio coverage.
Arizona Department of Public Safety	DPS Console Interface	Planned	LONG	Upgrade console interface to be compatible with microwave backhaul communications.
Arizona Department of Public Safety	DPS OBU	Planned	MEDIUM	Upgrade subscriber OBU's as radio system is enhanced.
Arizona Department of Public Safety	DPS Radio System	Planned	MEDIUM	Upgrade radio system that sends information from subscribers to backhaul.
Electric Vehicle Charging Station Operators	Electric Vehicle Charging Stations	Planned	SHORT	This is a generic project that represents deployment of electric vehicle charging stations in the state of Arizona. The Electric Charging Station provides access to electric vehicle charging equipment that is used to charge hybrid and all–electric vehicles. This includes public charging stations that support consumers, workplace charging stations, and fleet charging stations using plug in (level 1, 2, fast charge, etc.) or inductive charging methods. This project specifically addresses electric vehicle charging stations funded under the National Electric Vehicle Infrastructure (NEVI) Formula Program, but also applies to other publicly funded electric vehicle charging stations.
City of Flagstaff	Flagstaff Integration Project	Planned	MEDIUM	Integrate ITS field equipment with the traffic management center (TMC).
City of Flagstaff	Flagstaff ITS Field Equipment	Planned	MEDIUM	Add ITS Field Equipment such as CCTV and DMS.
City of Flagstaff	Flagstaff Traffic Archive	Planned	LONG	Develop a Citywide traffic archive database.
City of Flagstaff	Flagstaff Traffic Management Center	Planned	LONG	Construct a traffic management center (TMC) to manage ITS field equipment (e.g., traffic signal operations, CCTV and DMS).
City of Flagstaff	Flagstaff Traffic Signal System Planning and Deployment	Planned	SHORT	Phase 1 deployment of a of a centralized traffic signal control system. May include traffic signal controller hardware, software, and equipment, as well as connection to a central control system operated / monitored in a city facility (e.g., city hall or a city signal maintenance shop).

Project List (Project Sequence)

Project Sponsor	Project Name	Status	Timeframe	Description
City of Kingman	Kingman ITS Field Equipment	Planned	MEDIUM	Add ITS Field Equipment such as CCTV and DMS.
City of Kingman	Kingman Traffic Management Center	Planned	MEDIUM	Construct a traffic management center (TMC) to manage ITS field elements (e.g., traffic signal operations, CCTV and DMS).
Lake Havasu Metropolitan Planning Organization (LHMPO)	LHMPO Adaptive Traffic Signal Timing Implementation	Planned	MEDIUM	Plan, design, procure, and deploy equipment, hardware, software, and communications infrastructure necessary to operate an adaptive or traffic responsive traffic signal system in Lake Havasu City
Mohave County	Mohave County Active Traffic Management	Planned	LONG	This project equips county roads within Mohave County with active traffic management methods and field elements to increase peak capacity, smooth traffic flows and enhance safety. Methods may include speed management with variable speed limits, speed feedback, and queue protection; traffic signal management with emergency priority and DSRC capabilities; incident management; and traveler information using DMS, RWIS and websites.
Mohave County	Mohave County Detection and Surveillance	Planned	MEDIUM	This project targets continuous traffic data (volume, speed, classification) collection and archiving for select regionally significant roads. It includes real time monitoring of traffic conditions, susceptible to unplanned events and origin destination data collection.
Mohave County	Mohave County ITS Field Equipment	Planned	MEDIUM	Add various ITS Field Equipment as needed.
Mohave County	Mohave County Traffic Management Center	Planned	LONG	Construct a TMC to manage traffic signal operations, and ITS Field Equipment.
Mohave County	Mohave County Vehicle-to-Infrastructure (V2I) Enabled Rural Highway Traffic Control Signs	Planned	SHORT	Plan, design, procure, and deploy equipment, hardware, software, and communications infrastructure necessary to operate roadside equipment that employs vehicle-to-infrastructure functions and communications to deliver either (1) stop sign gap assist (SSGA) - warning drivers of potential collisions at stop sign intersections or (2) curve speed warning (CSW) – alert provided to drivers approaching a curve at a speed that may be too high for safe travel through that curve .
Northern Arizona Intergovernmental Public Transportation Authority (Mountain Line)	Mountain Line Transit Center	Planned	SHORT	Construct a Transit Management Center.

Project List (Project Sequence)

Project Sponsor	Project Name	Status	Timeframe	Description
Northern Arizona Intergovernmental Public Transportation Authority (Mountain Line)	Mountain Line Transit Field and Vehicle Equipment	Planned	SHORT	Add ITS Transit Field Equipment and equipment to the buses to allow for "next stop" services, and, cameras inside of buses for security, etc.
Pinal County	Pinal County Integration Project	Planned	LONG	Integrate ITS field equipment with TMC. Integrate construction, weather information and maintenance information to the TMC. Add website to share information with travelers.
Pinal County	Pinal County ITS Field Equipment	Planned	MEDIUM	Add ITS Field Equipment such as CCTV and portable DMS.
Pinal County	Pinal County Traffic Management Center	Planned	LONG	Construct a TMC to manage traffic signal operations, CCTV and DMS.
Public and Private Transit Providers	Public and Private Transit Providers - Integrated Multi-Modal Electronic Payment	Planned	LONG	Develop Multi-Modal Electronic Payment (IMMEP) services where transit users can make electronic payment for transit fares, tolls, road use, parking, and other areas requiring electronic payments.
Public and Private Transit Providers	Public and Private Transit Providers - Trip Planning and Payment System	Planned	LONG	Develop trip planning and pre-trip guidance capabilities for transit users. Enable transit users to generate trip plans that include multimodal route and associated service information (e.g., parking information), based on traveler preferences and constraints. The trip plan may be confirmed by the traveler and advanced payment and reservations are accepted and processed.
Sun Corridor Metropolitan Planning Organization (SCMPO)	SCMPO DMS Deployment	Planned	SHORT	Install DMS on I-10 W/B MP 188 and E/B MP 196; SR 387 N/B MP 7, N/B at Kortsen Rd, and S/B on McCartney Rd; SR 87 E/B at SR 287 junction and S/B MP 116.
City of Sedona	Sedona ITS Field Equipment	Planned	MEDIUM	Add ITS Field Equipment such as CCTV and DMS.
City of Sedona	Sedona Smart Parking System	Planned	MEDIUM	City of Sedona in collaboration with other will develop a smart parking system that informs visitors of parking areas, availability, and rates. In addition, the system will provide traveler information, way finding and disseminate information to reduce congestion.
City of Sedona	Sedona Traffic Management Center	Planned	MEDIUM	Construct TMC to manage traffic signal operations, CCTV and DMS.

Project List (Project Sequence)

Project Sponsor	Project Name	Status	Timeframe	Description
City of Sierra Vista	Sierra Vista Adaptive Traffic Signal Control	Planned	MEDIUM	Expansion of upgraded traffic signal control equipment, hardware, software, and communications infrastructure to improve traffic signal operations, including adaptive traffic signal operations capabilities.
City of Sierra Vista	Sierra Vista ITS Field Equipment	Planned	MEDIUM	Add ITS Field Equipment such as Emergency Vehicle Preemption (EVP), CCTV and portable DMS
City of Sierra Vista	Sierra Vista Traffic Management Center Upgrade	Planned	MEDIUM	Upgrade the traffic management center (TMC) and install equipment/software. Connect to ADOT, police, fire, transit, and CBP.
City of Sierra Vista	Sierra Vista Weather Systems	Planned	SHORT	Install weather systems as required.
City of Sierra Vista	Sierra Vista Wireless Radio Communications	Planned	SHORT	Enhance Wireless Traffic signal / ITS Communications, as appropriate.
Various Tribal Entities Statewide	Tribal Fiber Mainline	Planned	SHORT	Tribal communities plan to build fiber optic communications. These projects include the installation of conduit, pull boxes, fiber optic cable, power and node centers in the tribal regions.
Various Tribal Entities Statewide	Tribal ITS Field Equipment	Planned	SHORT	This project procures portable DMS for traveler information, speed feedback signs to warn drivers of excessive speeds, CCTV, and traffic signal coordination capabilities.
Various Tribal Entities Statewide	Tribal Traffic Management Center	Planned	MEDIUM	Construct a TMC to manage traffic signals, CCTV, DMS, and any other appropriate traffic management systems and field devices.
City of Yuma	Yuma ITS Field Equipment	Planned	SHORT	Add ITS Field Equipment such as CCTV, RWIS, DMS, traffic signal systems, portable DMS, and communications infrastructure.
City of Yuma	Yuma ITS Field Equipment Expansion	Planned	MEDIUM	Expansion of ITS Field Equipment deployed in earlier ITS program phases, such as CCTV, RWIS, DMS, traffic signal system upgrades, portable DMS, and communications infrastructure expansion. Other ITS Field Equipment not included in earlier program phases may be included, as appropriate.
City of Yuma	Yuma Traffic Management Center	Planned	SHORT	Construct TMC to manage traffic signal operations, CCTV and DMS, and other ITS field devices. TMC will include various central system software packages to manage ITS Field Equipment.