

FY2022-FY2026 AZTech ACTION PLAN

FY22 Target Activities

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Acknowledgments

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AZTech Program Management

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Susan Anderson, AZTech Co-Program Manager, ADOT

AZTech Strategic Steering Committee

Tricia Boyer, Chair, City of Mesa
Allan Galicia, Vice Chair, City of Glendale

AZTech Media and Communications Task Force Co-Chairs

Doug Nick, Co-Chair, ADOT
Traci Ruth, Co-Chair, MCDOT

AZTech Operations Committee

Albert Garcia, Chair, City of Surprise
Simon Ramos, Vice Chair, City of Phoenix

AZTech ITS & Signal Technician Task Force

Simon Ramos, Chair, City of Phoenix
Stin Weber, Vice Chair, City of Glendale

AZTech TIM Coalition Chair

Captain John Paul Cartier, AZ DPS

AZTech TMC Operators Working Group Co-Chairs

Mark Delugt, ADOT
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Cynthia Lopez, ITS Management Assistant
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We would also like to acknowledge the efforts of all the AZTech Committees and Working Groups that provided input and feedback on the priority actions for their groups:

AZTech Executive Committee**AZTech Strategic Steering Committee****AZTech Operations Committee****AZTech ITS & Signal Technician Task Force****AZTech Media & Communications Task Force****AZTech TIM Coalition****AZTech TMC Operators Working Group**



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The AZTech Action Plan projects of this FY22 plan would not be possible without the leadership of the action panelists:

Adam Carreon, ADOT	Kelly Dixon, MCDOT
Albert Garcia, City of Surprise	LeShawn Charlton
Allan Galicia, City of Glendale	Luz Rubio, MCDOT
Alex Lemka, MCDOT	Mark Brown, ADOT
Angela Barnett, APTRA	Mark Delugt, ADOT
Anthony Johnson, MCDOT	Micah Henry, City of Mesa
April Wire, MCDOT	Mike Fisher, City of Mesa
Captain John Paul Cartier, AZ DPS	Ryan Gish, Maricopa Association of Governments
Cynthia Lopez, MCDOT	Simon Ramos, City of Phoenix
David Lucas, City of Tempe	Srinivas Goundla, City of Chandler
Dr. David Harden, ADHS	Steve McKenzie, City of Peoria
Dr. Larry Head, University of Arizona	Stin Weber, City of Glendale
Eric Hernandez, City of Phoenix	Susan Anderson, ADOT
Faisal Saleem, MCDOT	Toni Whitfield, FHWA
Jarod Carrell, MCDOT	Traci Ruth, MCDOT
Jeff Jenq, MAG	Tricia Boyer, City of Mesa
Jeff King, FHWA	Tyson Milanovich, ABC15
John Roberts, ADOT	Victor Yang, ADOT
Joseph Jones, ADOT	

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Arizona Department of Transportation	City of Surprise
Arizona Department of Public Safety	City of Tempe
Maricopa Association of Governments	Town of Gilbert
Maricopa County Department of Transportation	Valley Metro
City of Avondale	APTRA (Arizona Professional Towing and Recovery Association)
City of Chandler	Arizona Department of Health Services
City of Glendale	Arizona State University
City of Goodyear	Total Traffic & Weather Network
City of Mesa	University of Arizona
City of Peoria	
City of Phoenix	

List of Acronyms

AAP – AZTech Action Plan	FY – Fiscal Year
ADHS – Arizona Department of Health Services	GDOT – Georgia Department of Transportation
ADOT – Arizona Department of Transportation	ICM – Integrated Corridor Management
AEC – AZTech Executive Committee	IRU – Incident Response Unit
AMCTF – Media and Communications Task Force	ITS – Intelligent Transportation Systems
AOC – AZTech Operations Committee	L101 – Loop 101
API – Application Programming Interface	MAG – Maricopa Association of Governments
APTRA – Arizona Professional Towing and Recovery Association	MCDOT – Maricopa County Department of Transportation
ARID – Anonymous Re-IDentification	MDI – Model Deployment Initiative
ARIS – AZTech Regional Information System	MPO – Metropolitan Planning Organization
ASCT -	NOCoe – National Operations Center of Excellence
ASSC – AZTech Strategic Steering Committee	PI Book – AZTech Traffic Management and Operations Performance Indicators Book
ASU – Arizona State University	PIO – Public Information Officer
ATSPM – Automated Traffic Signal Performance Measures	PM – Project Manager
AZ DPS – Arizona Department of Public Safety	RADS – Regional Archived Data System
CAD – Computer Aided Design	RCN – Regional Community Network
CEC – Continuing Education Credits	SHRP2 – Second Strategic Highway Research Program
CMM – Capability Maturity Model	TIM – Traffic Incident Management
CRD – Central Resource Database	TMC – Traffic Management Center
CV – Connected Vehicles	TMC OWG – TMC Operators Working Group
CV/AV – Connected Vehicles/Autonomous Vehicles	TSMO – Transportation Systems Management and Operations
DCR – Design Concept Report	UA – University of Arizona
DMS – Dynamic Message Sign	UDOT – Utah Department of Transportation
DPS – Department of Public Safety	USDOT – United States Department of Transportation
DSS – Decision Support System	WiFi – Wireless Fidelity
EMS – Emergency Medical Services	WZDx – Work Zone Data Exchange
ERS – Event Reporting System	
FHWA – Federal Highway Administration	

Introduction to the AZTech Action Plan

In 2015, the first *AZTech Operations Implementation Plan* was developed to provide a five-year vision for operational strategies and collaboration to help the AZTech partnership advance key operations initiatives such as integrated corridor management (ICM), expanding the Traffic Incident Management (TIM) Coalition, developing a business case for transportation systems management and operations (TSMO), and preparing for next-generation system management and operations. The Operations Implementation Plan was used as the foundation for the first *AZTech Action Plan*, developed in 2016, where each of the AZTech Committees and Working Groups identified specific projects or initiatives that they wanted to pursue based on the operations Focus Areas identified in the Implementation Plan by AZTech.

In 2020, the Operations Implementation Plan was updated and included revisiting the AZTech Focus Areas and committee priorities in-light-of recent successes in transportation Systems Management and Operations (TSMO), changes to the regional and national transportation operations and policy environment, and evolution and advancements in transportation technologies. The focus areas were reviewed and updated to determine if they were still relevant and/or needed to be modified.

In 2021, the *AZTech Action Plan* was subsequently updated to translate the strategies in the Implementation Plan into tangible projects and activities to advance the implementation priorities for the region. Based on lessons learned from the initial action plan, the AZTech committees and working groups took a modified approach to developing the *FY22 AZTech Action Plan* to provide committees and working groups with more flexibility and adaptability in the actions they decide to pursue each year. In contrast to the 2016 Action Plan which specifically assigned different actions to different groups for a specific timeframe, the FY22 Action Plan focused on developing a 'Framework' that committees and groups could use at the beginning of each Action Plan cycle to provide inspiration and guidance on the types of actions they might pursue, without specifically dictating the actions or associated timeframes. This approach allowed each committee or group to identify actions that were most relevant or highest priority to the group at that time, rather than being constrained to actions that may have been identified the year prior but may no longer be relevant due to changes in the operational environment, staffing changes, or changes to agency/regional priorities.

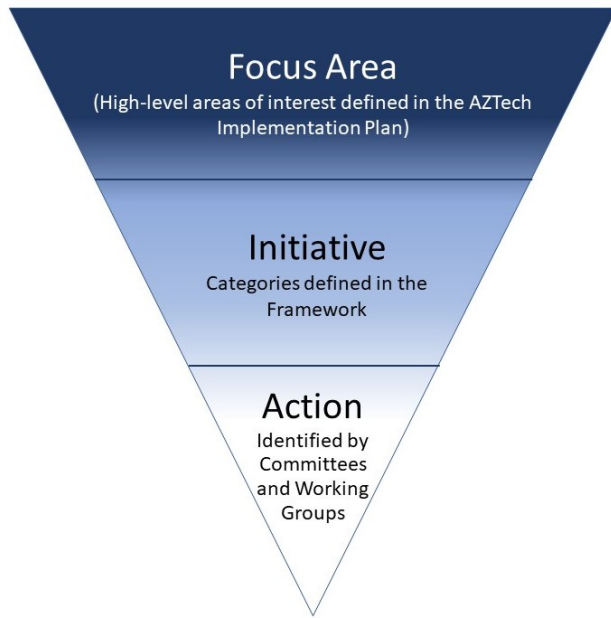
With the Action Plan Framework providing the structure for the types of activities that AZTech committees will pursue, this annual Action Plan update has been developed to outline the specific actions that each group plans to pursue in FY22. These actions are each described in a one-page summary action sheet that identifies specifics about the action, including initiative categories, the purpose and need, the Implementation Plan Focus Area that the action is targeting to address, the specific deliverables that are anticipated, and the measurable results that the group will use to track progress and results of the action.

The summary action sheets also identify the lead committee/group and any supporting committees/groups that will participate in the action, as well as the panel of any specific individuals who have been identified to support the action progress and there is a provision to document regular action updates as progress occurs.

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The individual Action Plan action sheets have been owned and driven by the AZTech members and much has been accomplished to date. AZTech members keep an accurate recording of Action Plan activity progress and discuss progress and needs to support implementation during regular Committee and Working Group meetings.

Today, the hierarchy of the AZTech Action Plan actions consists of three tiers:



Focus Area: High-level areas of interest defined in the 2020 AZTech Implementation Plan

Initiative: Action Categories defined in the AZTech Action Plan Framework

Action: Specific activities identified by AZTech Committees and Working Groups

The 2020 AZTech Implementation Plan focus areas and AZTech Action Plan Framework initiative categories may be referenced on page 5. The action summary sheets follow starting on page 6.

AZTech Overview

AZTech began as a Federal Highway Administration (FHWA) Intelligent Transportation Systems (ITS) Model Deployment Initiative (MDI) for the Phoenix metropolitan area in 1996. As part of the MDI, AZTech's mission was to provide a champion for the integration of intelligent transportation and communication systems technologies focused on implementing and improving strategies that reduce travel time, reduce travel cost, and improve the safety and mobility of the traveling public. Since completion of the MDI, AZTech has evolved into an ongoing regional operations initiative that continues to pursue opportunities to increase inter-agency collaboration between federal, state, county, MPO and municipalities across the greater Phoenix metropolitan region. AZTech has become an integrating mechanism that has demonstrated the distinct advantages of a regional operations-related partnership.

AZTech adopted several Values and Goals to guide its growth from a demonstration project to what has become a sustainable regional partnership. The AZTech Values include:

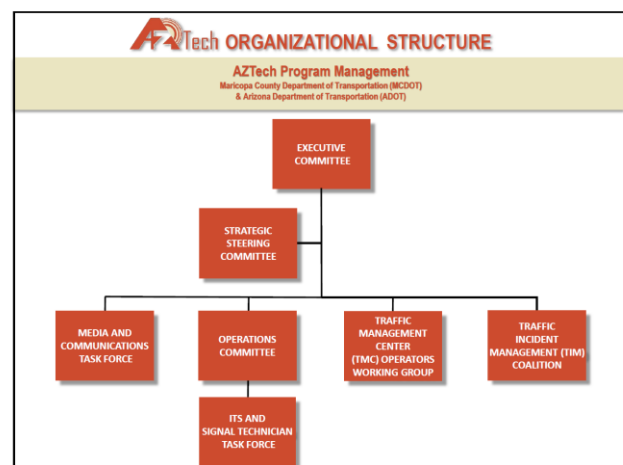
- Collaboration;
- Leadership;
- Integration; and
- Results.

Driven by these Values, the AZTech Goals are to:

- Integrate the existing ITS infrastructure into a regional system;
- Establish a regional integrated traveler information system; and
- Expand the transportation management system for the Phoenix metropolitan area.

AZTech is organized into committees and working groups that each have a strategic focus and role for the organization. All the groups have a charter, that delineates their role, mission and values. Currently, there are seven committees and working groups, including:

- AZTech Executive Committee
- AZTech Strategic Steering Committee
- AZTech TIM Coalition
- AZTech Operations Committee
- AZTech ITS & Signal Technician Task Force
- AZTech Media & Communications Task Force
- AZTech TMC Operators Working Group



The **AZTech Executive Committee (AEC)** is comprised of agency leaders and decision makers representing transportation, emergency management, public safety and public information. The role of the Executive Committee is to provide the top-level buy-in and support for AZTech initiatives and outputs, help clear significant political, institutional, or resource barriers that might exist, and resolve issues that might arise amongst the other committees and working groups.

The **AZTech Strategic Steering Committee (ASSC)** is comprised of public agency ITS and Public Safety leaders and serves as the liaison between the AEC and all other AZTech committees and working groups. The mission of the ASSC is to champion the implementation of Transportation Systems Management and Operations

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(TSMO) strategies in the region by collaboration among AZTech partner agencies. They report progress to the AEC and forward the requests and recommendations from the other committees.

The **AZTech Traffic Incident Management (TIM) Coalition** is a multi-disciplinary partnership including state, tribal and local emergency responders, transportation management staff and towing companies in the Phoenix metropolitan area. The TIM Coalition is focused on bringing key stakeholders together to collaborate on improvements to traffic incident management. The goal of the TIM Coalition is to meet the objectives of the National Unified Goal, which includes ensuring responder safety, executing safe and quick clearance of hazards on the road, and providing prompt, reliable and interoperable communications.

The **AZTech Operations Committee (AOC)** specializes in public traffic operations and transportation management in the region. The AOC coordinates and seeks to attain consensus on traffic operations and management issues that span agency boundaries in the region. The goal of the AOC is to ensure that policies adopted by the AEC are carried out in their member agencies.

The **AZTech ITS & Signal Technician Task Force (AISTTF)** is a subgroup of the AOC comprised of partnered regional public agency representatives that specialize in Intelligent Transportation Systems (ITS) infrastructure operations, maintenance and traffic signal timing. This Task Force is focused on promoting technical collaboration, regional knowledge sharing and developing best practices for providing the traveling public with a safe and efficient transportation system through ITS initiatives.

The **AZTech Media & Communications Task Force (MCTF)** is comprised of public information officers from AZTech partners and news media representatives to improve the quality, accessibility and timeliness of the traveler information offered to the public in order to increase safety and mobility in the Phoenix metropolitan area.

The **AZTech Traffic Management Center (TMC) Operators Working Group** is made up of traffic management and traffic operations center operators throughout the region. The purpose of the group is to improve the working relationships among local TMCs in the region and explore how to better integrate TMCs into regional transportation operations and management functions.

The Action Plan is organized in a way that each of these committees or groups can tackle actions related to their specializations and priorities. Through simultaneous efforts on behalf of all groups, AZTech can make strides towards addressing the major focus areas and strategic actions put forth in the *2020 AZTech Operations Implementation Plan* for FY22 to FY26.

This update of the Action Plan summarizes the initial FY22 plan, covers active actions identified and initiated in previous fiscal years or are ongoing, identifies specific actions for FY22 and identifies potential actions for future years.

Summary Table of the AZTech Action Plan FY22 Actions

2020 Implementation Plan Focus Areas:

1. We actively partner as agencies and with the private sector to provide information to the traveling public (traveler information)
2. We are focused on developing and training our current and future workforce to meet expanding technical needs for operations (workforce development)
3. We leverage our regional infrastructure, data and partnerships to provide proactive system management (Proactive System Management)
4. Traffic Incident management is consistently responsive and effective on freeways and arterials (Traffic Incident Management)
5. Performance measures are used to improve operations and demonstrate benefits of collaboration (Performance Measures)
6. Agency leadership, elected officials and the public recognize the impact of our operations focus (Value added recognition)
7. We actively deploy and evaluate technologies that support operations and promote safety, innovation, and mobility (Deploy and Evaluate Technology)
8. We actively maintain a strong foundation of operations infrastructure and assets (Maintaining Infrastructure and Assets)

AZTech Action Plan Framework Initiatives:

1. AZTech Business Case
2. AZTech Reporting and Tracking
3. Building Relationships and making connections between changing media landscape and limited resources of transportation agencies
4. Emerging Technology Implementation and Operations Information Exchange
5. TIM Training Enhancements
6. Operations for Smart City/Region
7. TIM Public Outreach
8. Regional Data Integration
9. Regional Operations Information Exchange
10. TIM Coalition Outreach and Engagement
11. TMC Documentation and Resources
12. TSMO Workforce & Development
13. TSMO Technology Inter-Regional Peer Exchanges
14. TSMO Training
15. Regional Data Integration
16. Well Informed Traveling Public

AZTech Executive Committee Actions (1)

#	ACTION	MCDOT SUPPORT	PANEL	DESCRIPTION	STATUS
FOCUS AREA	Value Added Recognition		INITIATIVE	AZTech Business Case	
11.1	Arizona TSMO Executive Briefings & Executive Summit	Cynthia Lopez	AEC Co-Chairs, ASSC Chair and Vice Chair	Following up from a successful 2019 event, organizing a second briefing to educate and gain support from Arizona and AZTech executives for advancement of TSMO within jurisdictions, regions, and the state as key projects (such as ICM, ASCT, CVs, etc.) require additional resources and backing of decision-makers. Executive Briefings on TSMO topics will be scheduled at the AEC meetings. Plan and organize an Executive Summit.	

AZTech Strategic Steering Committee Actions (8)

#	ACTION	MCDOT SUPPORT	PANEL	DESCRIPTION	STATUS
FOCUS AREA	Deploy and Evaluate Technology		INITIATIVE	Regional Data Integration	
1.2	USDOT Sponsored Work Zone Data Initiative – AZTech Work Zone Data Exchange	David Lucas	Adam Carreon (ADOT), Toni Whitfield (FHWA), Jeff Jenq (MAG)	Expand existing WZDx v2.0 pilot solution in Maricopa County to all of the jurisdictions in the urban Phoenix Metropolitan area that contribute work zone information to the traveling public	
FOCUS AREA	Proactive System Management		INITIATIVE	Regional Operations Information Exchange	
4.2	Loop 101 Mobility Project Update Reporting	April Wire	Susan Anderson (ADOT), Victor Yang (ADOT), (MCDOT TBD),	Provide regular updates to AZTech Committees and Working Groups about activities, outcomes, and lessons learned from the Loop 101 Mobility Project.	
FOCUS AREA	Performance Measures		INITIATIVE	AZTech Reporting and Tracking	
10.1	2021 AZTech Traffic Management and Operations Performance Indicators Book	Cynthia Lopez, Luz Rubio	Tricia Boyer (City of Mesa), Allan Galicia (City of Glendale), Traci Ruth (MCDOT), AMCTF Co-Chair (ADOT)	Develop the 2021 edition of the full AZTech Traffic Management and Operations Performance Indicators (PI) Book that includes both the marketing stories and regional performance indicators	

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FOCUS AREA		Value Added Recognition		INITIATIVE	AZTech Business Case
11.4	AZTech Action Plan	Cynthia Lopez	April Wire (MCDOT), Luz Rubio (MCDOT)	Develop FY22 AZTech Action Plan	
FOCUS AREA		Workforce Development		INITIATIVE	TSMO Recruiting and Retention
12.1	TSMO Recruiting Materials	Kelly Dixon, Training & Partnering Branch Mgr, Strategic Communications & Outreach Div	Cynthia Lopez (MCDOT), April Wire (MCDOT), Luz Rubio (MCDOT)	Create a set of standard or template of materials/ presentations on ITS and TSMO that could be presented at higher educational institutions, professional society young member forums, or other outlets that may help expose young professionals to ITS and TSMO.	
FOCUS AREA		Workforce Development		INITIATIVE	TSMO Recruiting and Retention
12.2	TSMO Internship Program	Kelly Dixon, Training & Partnering Branch Mgr, Strategic Communications & Outreach Div	Cynthia Lopez (MCDOT), April Wire (MCDOT), Luz Rubio (MCDOT)	Evaluate the possibility of implementing an AZTech-organized internship program that could be made available to current students or recent graduates to get hands-on experience in the TSMO field. Identify the skills/experiences each intern should acquire and garner interest from agencies in hosting an intern.	
FOCUS AREA		Workforce Development		INITIATIVE	TSMO Recruiting and Retention
12.3	Working Session with HR on TSMO Staff Positions	Kelly Dixon, Training & Partnering Branch Mgr, Strategic Communications & Outreach Div	Cynthia Lopez (MCDOT), April Wire (MCDOT), Luz Rubio (MCDOT)	Actions related to establishing TSMO staff positions at agencies that appropriately reflect job duties and requirements and expand pool of applicants	

AZTech Operations Committee Actions (9)

#	ACTION	MCDOT SUPPORT	PANEL	DESCRIPTION	STATUS
FOCUS AREA		Deploy and Evaluate Technology		INITIATIVE	Regional Data Integration
1.1	Regional ARID Data Integration, Dissemination and Analysis	Alex Lemka, David Lucas (MCDOT)	David Lucas (City of Tempe), Tricia Boyer (City of Mesa)	Development of a standard specification/process for sharing ARID data with RADS Inventory that can be used to get a good assessment of the current state regarding ARID in the region.	
FOCUS AREA		Maintaining Infrastructure and Assets		INITIATIVE	Regional Data Integration
1.3	Regional Fiber Outage Notification Process	Cynthia Lopez	Ryan Gish (MAG), LeShawn Charlton (MCDOT)	Implement a regional fiber outage notification process to inform agencies connected to the RCN of outages.	
FOCUS AREA		Proactive System Management		INITIATIVE	Regional Data Integration
1.4	Regional Archived Data System (RADS) Core-Rearchitect	Alex Lemka	John Roberts (ADOT), Jeff Jenq (MAG), Joseph Jones (ADOT), (MCDOT TBD)	Develop RADS Core Re-Architect Concept of Operations, System Requirements and architecture and implement the updated architecture.	
FOCUS AREA		Proactive System Management		INITIATIVE	Regional Data Integration
1.5	RADS 2.0 Assessment	Alex Lemka	April Wire (MCDOT), Albert Garcia (City of Surprise)	Completion of a RADS data and user assessment would support leveraging the AZTech RADS core architecture upgrade.	
FOCUS AREA		Proactive System Management		INITIATIVE	Regional Data Integration
1.6	ARIS Upgrade	Alex Lemka	April Wire (MCDOT), Faisal Saleem (MCDOT), Albert Garcia (City of Surprise)	Develop new functions of the AZTech Regional Information System (ARIS) which serves as the front end	
FOCUS AREA		Proactive System Management		INITIATIVE	Regional Data Integration
1.7	RADS Automated (Traffic Signal Performance Metrics) ATSPM Upgrade	Alex Lemka	April Wire (MCDOT), Jarod Carrell (MCDOT), Albert Garcia (City of Surprise)	Upgrade hosting of RADS servers to current hardware and software platforms to support ATSPM expansion and virtualization, including current operating systems, virtualization software, and host hardware.	

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#	ACTION	MCDOT SUPPORT	PANEL	DESCRIPTION	STATUS
FOCUS AREA		Deploy and Evaluate Technology		INITIATIVE	Emerging Technology Implementation and Operations Information Exchange
3.1	Connected and Automated Vehicles (CV/AV) Outreach and Plans	David Lucas	Dr. Larry Head (UA), John Roberts (ADOT), Jeff Jenq (MAG)	Anthem Phase II Plan report; CV pilot demonstration projects in the region outside of Anthem	
FOCUS AREA		Proactive System Management		INITIATIVE	Regional Operations Information Exchange
4.3	Signal Timing Strategies	April Wire	Micah Henry (City of Mesa), Albert Garcia (City of Surprise), Stin Weber (City of Glendale), Steve McKenzie (City of Peoria)	Discussions at the AOC on different AZTech agency practices and strategies for signal timing in a variety of scenarios and document a summary of practices in a White Paper.	
FOCUS AREA		Workforce Development		INITIATIVE	TSMO Recruiting and Retention
12.4	Training and Discussion topics Review	April Wire, Cynthia Lopez	AOC Chair, Vice Chair	This action is a continuation of an FY17 AOC initiative to identify and conduct AOC meeting discussion topics and technical training or workshops for AOC members, other AZTech committees and agency stakeholders on various topics related to ITS and operations.	

AZTech TIM Coalition Actions (8)

#	ACTION	MCDOT SUPPORT	PANEL	DESCRIPTION	STATUS
FOCUS AREA		Traffic Incident Management		INITIATIVE	TIM Coalition Outreach and Engagement
7.1	EMS Specific Outreach	Luz Rubio	Captain John Paul Cartier (AZ DPS), David Harden (ADHS)	Targeted outreach to EMS community to promote participation in TIM training. Includes partnering with the AIMS Executive Director, working with EMS councils to promote training	
FOCUS AREA		Value Added Recognition		INITIATIVE	TIM Coalition Outreach and Engagement
7.2	AZTech TIM Awards Program	Luz Rubio, Cynthia Lopez	Captain John Paul Cartier (AZ DPS), Mark Brown (MCDOT), Jeff King (FHWA), David Harden (ADHS), Angela Barnett (APTRA)	Champion an ongoing program to recognize and honor TIM stakeholders who have made significant contributions in support and furtherance of the Arizona TIM program and to recognize Arizona TIM Instructors who have attained various levels of achievement while instructing the Federal Highway Administration (FHWA) SHRP2 TIM Responder Training Course.	
FOCUS AREA		Traffic Incident Management		INITIATIVE	TIM Public Outreach
8.1	Move Over Day Outreach Support	Luz Rubio	Captain John Paul Cartier (AZ DPS), Mark Brown (MCDOT), Jeff King (FHWA), David Harden (ADHS), Angela Barnett (APTRA)	Support the Arizona Professional Towing and Recovery Association (APTRA) in the Organizing and execution of the Annual Move Over Day-parade and associated events	
FOCUS AREA		Traffic Incident Management		INITIATIVE	TIM Public Outreach
8.2	Move Over Quick Clearance Law Promotion	Luz Rubio	Captain John Paul Cartier (AZ DPS), Mark Brown (MCDOT), Jeff King (FHWA), David Harden (ADHS), Angela Barnett (APTRA)	Partner with PIOs/Public Affairs staff to promote Move Over and Quick Clearance Laws	

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FOCUS AREA		Traffic Incident Management		INITIATIVE	TIM Training Enhancements
9.1	TIM Training Materials Update	Luz Rubio	Captain John Paul Cartier (AZ DPS), Jeff King (FHWA)	Update training materials to include local (Arizona specific) photos, examples, and data and more arterial traffic incident management examples pertinent to all responders. Provide appropriate inputs to the statewide TIM training program.	
FOCUS AREA		Traffic Incident Management		INITIATIVE	TIM Training Enhancements
9.2	TIM Trainer Mentorship Program	Luz Rubio	Captain John Paul Cartier (AZDPS)	Maintain the TIM Trainer Mentorship Program that provides newer or less active trainers with an experienced mentor to provide support and accountability.	
FOCUS AREA		Traffic Incident Management		INITIATIVE	TIM Training Enhancements
9.3	Quarterly Virtual Training Events	Luz Rubio	Captain John Paul Cartier (AZ DPS), Mark Brown (MCDOT), Jeff King (FHWA), David Harden (ADHS), Angela Barnett (APTRA)	Advertise, organize (gather instructors, organize virtual platform, etc.), and execute quarterly virtual mass TIM training events FY22.	
FOCUS AREA		Value Added Recognition		INITIATIVE	AZTech Reporting and Tracking
10.2	2021 TIM Annual Report	Luz Rubio	Captain John Paul Cartier (AZ DPS), Mark Brown (MCDOT), Jeff King (FHWA), David Harden (ADHS), Angela Barnett (APTRA)	Develop specific performance measures that can be collected to support the business case and value of participation in TIM in the region. Develop and distribute an Arizona TIM Coalition annual report to document efforts and achievements of the Coalition and help track year-over-year progress in metrics related to both participation in the TIM Coalition and for TIM performance metrics.	

AZTech Media & Communications Task Force Actions (3)

#	ACTION	MCDOT SUPPORT	PANEL	DESCRIPTION	STATUS
FOCUS AREA		Value Added Recognition		INITIATIVE	AZTech Business Case
11.5	AZTech ITS Outreach Materials	Traci Ruth		Map out a strategy and develop fact sheets that document key projects and deployments. The content will include brief project overviews, benefits, key functions (e.g., emerging technologies, traffic incident management, traveler information, freeway/arterial operations, etc.) and other highlights.	
FOCUS AREA		Traveler Information		INITIATIVE	AZTech Business Case
11.6	2022 Media & Transportation Forum	Luz Rubio	Traci Ruth (MCDOT), Doug Nick (ADOT), Tyson Milanovich (3TV/CBS5)	Coordinate annual forum to interchange ideas among media, transportation agencies, public safety, and public information officers and identify issues and gaps associated with dissemination of traveler information.	
FOCUS AREA		Traveler Information		INITIATIVE	Well-Informed Traveling Public
15.1	Traveler Information Gaps White Paper Phase 2	Traci Ruth	Technical: Jeff Jenq (MAG), John Roberts (ADOT) and (MCDOT TBD)	Capture current technology to benchmark and establish best practices in regions comparable to Maricopa County. Phase I documented the traveler information data collection method and processes. Phase 2 will identify dissemination gaps and explore technical and engineering solutions to close the traveler information gaps uncovered in draft white paper.	

AZTech TMC Operators Working Group Actions (7)

#	ACTION	MCDOT SUPPORT	PANEL	DESCRIPTION	STATUS
FOCUS AREA		Deploy and Evaluation Technology		INITIATIVE	TSMO Technology Inter-Regional Peer Exchange
2.2	2022 Traffic Management Center Operations and Technologies Peer Exchange	Luz Rubio	Mark Delugt (ADOT), Anthony Johnson (MCDOT), April Wire (MCDOT)	Virtual TMC tours outside of Arizona, available to all of AZTech	
FOCUS AREA		Proactive System Management		INITIATIVE	Regional Operations Information Exchange
4.1	Special Event Traffic Management - Multiagency Coordination and Traveler Information Practices	Luz Rubio	April Wire (MCDOT), Mark Delugt (ADOT), Anthony Johnson (MCDOT)	Committee/ Working Group presentations and discussion notes. Summary document of best practices when all agency presentations are completed	
FOCUS AREA		Workforce Development		INITIATIVE	Regional Operations Information Exchange
4.4	Agency TMC Demonstration Tours	Luz Rubio	TMC OWG	Scheduling TMC OWG meetings at different agencies and touring their TMCs/TOCs. The hosting TMC/TOC will inform the agencies primary functions, application and how they address issues.	
FOCUS AREA		Traffic Incident Management		INITIATIVE	Regional Operations Information Exchange
4.5	FY22 Outreach to Public Safety Dispatch	Luz Rubio	TMC OWG	Coordinate and hold workshops/meetings between TMC OWG to present information on TMC capabilities and have discussions on how TMC and dispatch and coordinate better for incident and traffic management. Document shared strategies that result from discussions.	
FOCUS AREA		Workforce Development		INITIATIVE	TMC Documentation and Resources
13.1	MCDOT TMC Training Manual Online Conversion	April Wire	Anthony Johnson (MCDOT), Alex Lemka (MCDOT), Simon Ramos (City of Phoenix)	Pilot the use of Wikis to create an online TMC training manual for the MCDOT TMC. The manual will include TMC standard operating procedures (SOPs), guidelines, and other materials that would support TMC staff training and be used for day-to-day reference.	

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FOCUS AREA		Proactive System Management		INITIATIVE	TMC Documentation and Resources	
13.2	TMC Resource Database	Luz Rubio	Mark DeLugt (ADOT), April Wire (MCDOT)	Revisit the items in the current TMC Resource Database within the AZTech Central Resource Database and solicit new materials to add (TMC manuals or standard processes); upload existing documents describing lessons learned and helpful tips regarding systems, devices, or processes dealt with at TMCs and other information and regularly reference and review processes for accessing database.		
FOCUS AREA		Proactive System Management		INITIATIVE	TMC Documentation and Resources	
13.3	TMC Contact List	Luz Rubio	TMC OWG	Keep an updated contact list for TMCs throughout the region, including after-hours contact information and disseminate contact list to all agencies. Identify strategies for increasing awareness of the contact list when new TMC staff are hired.		

AZTech ITS & Signal Technician Task Force Actions (4)

#	ACTION	MCDOT SUPPORT	PANEL	DESCRIPTION	STATUS
FOCUS AREA		Workforce Development		INITIATIVE	AZTech Business Case
11.7	ITS & Signal Technician Task Force Charter	Cynthia Lopez, Luz Rubio	Simon Ramos (City of Phoenix), Stin Weber (City of Glendale)	Develop a guiding document that identifies roles and scope, establishes boundaries, and addresses resources to illustrate and clarify the focus and direction of the group & reflect AZTech's purpose & mission.	
FOCUS AREA		Workforce Development		INITIATIVE	TSMO Training
14.1	ITS & Signal Technician Task Force Training	Luz Rubio, April Wire	Simon Ramos (City of Phoenix), Stin Weber (City of Glendale), Eric Hernandez (City of Phoenix), Mike Fisher (City of Mesa)	Training assembled by the ISTTF to provide task force members with training and guidance resources for critical topics and skill sets related to ITS and Traffic Signal Technicians.	
FOCUS AREA		Workforce Development		INITIATIVE	TSMO Training
14.2	ITS & Signal Technician Task Force Discussion Topics List	Luz Rubio, April Wire	Simon Ramos (City of Phoenix)	This action is to identify various topics related to ITS and operations the ISTTF would like to pursue and schedule on ISTTF meeting agendas in support of the ITS infrastructure in the region to foster collaboration, information sharing and workforce development.	
FOCUS AREA		Workforce Development		INITIATIVE	TSMO Training
14.3	ITS Overview Presentation for ITS & Signal Technician Task Force	Cynthia Lopez, Luz Rubio	Simon Ramos (City of Phoenix)	Presentation by a subject-matter expert to the AZTech ITS & Signal Technician Task Force (AISTTF) providing an overview of ITS.	

Action Summary Sheets

AZTech Executive Committee

Action 11.1:	Arizona TSMO Executive Briefings & Executive Summit	Status:
Initiative:	AZTech Business Case	
2020 Implementation Plan Focus Area:	Value Added Recognition	
Action Start Year:	FY22	
Lead Committee:	AEC	Supporting Committee: ASSC
MCDOT Staff Support:	Alvin Stump, Cynthia Lopez	
Task Panel:	AEC Co-Chairs, ASSC Chair and Vice Chair	

Description:	Following up from a successful 2019 event, organizing a second briefing to educate and gain support from Arizona and AZTech executives for advancement of TSMO within jurisdictions, regions, and the state as key projects (such as ICM, ASCT, CVs, etc.) require additional resources and backing of decision-makers. Executive Briefings on TSMO topics will be scheduled at the AEC meetings. Plan and organize an Executive Summit.
Purpose and Need:	Educate agency decisions makers on TSMO activities and programs
Deliverable(s):	<ul style="list-style-type: none"> 2 Executive Briefings during the AEC FY22 meetings 2 Executive Summit planning meetings Finalized plan for organizing AZTech Capability Maturity Model (CMM) workshop in FY23
Measurable Results:	<ul style="list-style-type: none"> Percentage of AZTech agency members participating at the Executive Summit Percentage of AZTech agency members present for the Executive Briefings Outcomes of the CMM assessment
FY22 Target Activities:	<ul style="list-style-type: none"> Schedule one Executive Briefing at each AEC meeting (2) in FY22. Plan for Executive Summit in FY23 (2 planning meetings) AZTech will Collaborate with FHWA, ADOT, MAG to Plan for CMM workshop and assessment
Progress Updates:	
Last Progress Update:	

AZTech Strategic Steering Committee

Action 1.2 (FY21 Action Plan Ref: 17-14)	USDOT Sponsored Work Zone Data Initiative – AZTech Work Zone Data Exchange		Status:
Initiative	Regional Data Integration		
2020 Implementation Plan Focus Area	Deploy and Evaluate Technology		
Action Start Year	FY21		
Lead Committee	ASSC	Supporting Committee	None
MCDOT Staff Support	MCDOT TBD		
Task Panel	Adam Carreon (ADOT), Toni Whitfield (FHWA), Jeff Jenq (MAG)		

Description	Expand the existing WZDx v2.0 pilot solution in Maricopa County to all of the jurisdictions in the urban Phoenix Metropolitan area that currently contribute work zone information to the traveling public
Purpose and Need	Address gap in traveler information for Work Zones
Deliverable(s)	<ul style="list-style-type: none"> WZ Data capture processes technical memorandum. Implementation of WZDx 2.0 application programming interface (API) and web viewer that includes work zone data feeds from 10 local agencies, MCDOT, and ADOT. AZTech Local Agency Representatives Summary presentation on lessons learned to share with public officials.
Measurable Results	<ul style="list-style-type: none"> Number of agencies participating in the WZDx Regional WZDx API developed Number of meetings held/number of participants involved Number of completed and planned projects to implement WZDx
FY22 Target Activities	<ul style="list-style-type: none"> Finalize USDOT Agreement, Finalize ADOT Agreement Convene Kickoff meeting Assess AZTech partner institutional processes for work zone data capture Initiate WZDx transition Provide monthly updates to ASSC
Progress Updates	
Last Progress Update	

AZTech Strategic Steering Committee

Action 4.2 (FY21 Action Plan Ref: 17-13)	FY23 Loop 101 Mobility Project Update Reporting		Status:
Initiative	Regional Operations Information Exchange		
2020 Implementation Plan Focus Area	Proactive System Management		
Action Start Year	FY19		
Lead Committee	ASSC	Supporting Committee	AOC, TMC OWG
MCDOT Staff Support	MCDOT TBD, April Wire		
Task Panel	Susan Anderson (ADOT), Victor Yang (ADOT), (MCDOT TBD), April Wire (MCDOT)		

Description	Provide regular updates to AZTech Committees and Working Groups about activities, outcomes, and lessons learned from the Loop 101 Mobility Project. Highlight areas where there could be regional operational impacts and where AZTech can support scalability to a regional level.
Purpose and Need	Need to utilize information used/learned in the Loop 101 Mobility project to increase efficiency of future and ongoing projects.
Deliverable(s)	<ul style="list-style-type: none"> Regular updates to ASSC, AOC, and TMC OWG on the activities and processes for all the project phases - initiation, design and implementation Wide regional participation for project input and feedback from AZTech partners to support the design and implementation of the project.
Measurable Results	<ul style="list-style-type: none"> Number of updates provided at AZTech meetings Number of AZTech activities (discussions, Action Plan items, guideline development) that were undertaken to support Loop 101 Mobility Project or its regional scalability
FY22 Target Activities	<ul style="list-style-type: none"> Schedule updates to present to ASSC & AOC (TMC OWG as needed): <ol style="list-style-type: none"> L101 CV assessment ASU modeling outcome Concept of Operations
Progress Updates	
Last Progress Update	

AZTech Strategic Steering Committee

Action 10.1 (FY21 Action Plan Ref: 17-03)	2020-2021 AZTech Traffic Management and Operations Performance Indicators Book		Status:
Initiative	AZTech Reporting and Tracking		
2020 Implementation Plan Focus Area	Performance Measures		
Action Start Year	FY21		
Lead Committee	ASSC	Supporting Committee	All
MCDOT Staff Support	Cynthia Lopez, Luz Rubio		
Task Panel	Tricia Boyer (City of Mesa), Allan Galicia (City of Glendale), Traci Ruth (MCDOT), AMCTF Co-Chair (ADOT)		

Description	Develop the 2020-2021 edition of the full AZTech Traffic Management and Operations Performance Indicators (PI) Book that includes both the marketing stories and regional performance indicators
Purpose and Need	Track and report on operational performance indicators for the region to gauge how AZTech is performing, provide focus for strategic and operational improvements, create an analytical basis for decision making and help focus attention on priorities identified.
Deliverable(s)	<ul style="list-style-type: none"> 2020-2021 AZTech Traffic Management and Operations Performance Indicators-Book
Measurable Results	<ul style="list-style-type: none"> Share the FY21 Book through the AZTech website
FY22 Target Activities	<ul style="list-style-type: none"> Schedule review by ASSC, AOC, AMCTF, TMC OWG, ISTTF. ASSC Approval and recommendation to AEC for Final Approval (March 2022). AEC Approval in April 2022. Finalize & Publish in May 2022.
Progress Updates	
Last Progress Update	

FY22 Action Plan

Action 11.4	FY22 AZTech Action Plan	Status:
Initiative	AZTech Business Case	
2020 Implementation Plan Focus Area	Value Added Recognition	
Action Start Year	FY22	
Lead Committee	ASSC	Supporting Committee: All
MCDOT Staff Support	Cynthia Lopez, MCDOT TBD	
Task Panel	April Wire, Luz Rubio, AZTech Committee Chairs	

Description	<p>Based on the foundation of the eight focus areas of the <i>2020 AZTech Operations Implementation Plan</i>, to provide the structure for the types of activities that AZTech committees will pursue, an annual Action Plan is developed annually over a 5-year horizon that translates the strategies in the Implementation Plan into tangible projects and activities to advance the implementation priorities for the region. The plan outlines the specific actions that each group plans to pursue in that specific year. The <i>FY22 AZTech Action Plan</i> will be developed to provide committees a structure with more flexibility and adaptability in actions they decide to pursue each year to allow each committee to identify actions that are most relevant or highest priority at any given time, rather than being constrained to actions that may have been identified previously but no longer relevant due to changes in the operational environment, staffing changes, or changes to agency/regional priorities, etc.</p> <p>The <i>Action Plan</i> will focus on developing a ‘Framework’ that committees can use at the beginning of each Action Plan cycle to provide inspiration and guidance on the types of actions they might pursue, without specifically dictating the actions or associated timeframes.</p> <p>The actions will be described in a one-page action summary that identifies action specifics, including purpose and need, the Implementation Plan Focus Area the action is attempting to address, specific deliverables anticipated, and measurable results that the respective group(s) will use to track progress and results. The summaries will identify the lead committee and supporting committees that will support the action, and specific individuals who have also been identified to support the action progress. AZTech members will keep an accurate recording of Action Plan activity progress on the action summary pages and discuss progress and needs to support implementation during regular Committee and Working Group meetings.</p>
Purpose and Need	Provide a five-year vision for operational strategies and collaboration and help the AZTech partnership advance key operations initiatives through a collaborative operational planning process.
Deliverable(s)	<ul style="list-style-type: none"> AZTech Action Plan Framework Final FY22 AZTech Action Plan Living Document
Measurable Results:	<ul style="list-style-type: none"> Actions and priorities completed by individual AZTech Committees.
FY22 Target Activities	<ul style="list-style-type: none"> Elicit feedback from all committees and develop a ‘Framework’ Develop Action Summary Pages based on content in framework Develop FY22 Plan by developing introductory text, organizing the action summary pages by committee, identify task panels for each action. Begin to include progress updates.
Progress Updates	
Last Progress Update	

Action 12.1	TSMO Recruiting Materials	Status:
Initiative	TSMO Recruiting and Retention	
2020 Implementation Plan Focus Area	Workforce Development	
Action Start Year	FY22	
Lead Committee	ASSC	Supporting Committee: All
MCDOT Staff Support	Kelly Dixon, Training & Partnering Branch Manager, Strategic Communications and Outreach Division	
Task Panel	Cynthia Lopez (MCDOT), April Wire (MCDOT), Luz Rubio (MCDOT)	

Description	As part of the <i>AZTech Educating Students on TSMO Careers - Workforce Development Pilot</i> , create a set of standard or template of materials/presentations on ITS and TSMO that could be presented at higher educational institutions, professional society young member forums, or other outlets that may help expose young professionals to ITS and TSMO.
Purpose and Need	Gain access to a new TSMO/ITS work force applicant pool.
Deliverable(s)	<ul style="list-style-type: none"> ▪ Templates or standard presentation and materials on ITS/TSMO
Measurable Results	<ul style="list-style-type: none"> ▪ Number of presentations developed or accessed from national TSMO organizations ▪ Number of materials/presentations shared with young professional outlets in AZ
FY22 Target Activities	<ul style="list-style-type: none"> ▪ Schedule internal kick-off MCDOT meeting with Kelly Dixon to brief her on the effort ▪ Schedule follow up meetings to brainstorm initial thoughts ▪ Schedule Kelly to present an update at future ASSC meeting to elicit feedback
Progress Updates	<ul style="list-style-type: none"> ▪
Last Progress Update	<ul style="list-style-type: none"> ▪

Action 12.2	TSMO Internship Program	Status:
Initiative	TSMO Recruiting and Retention	
2020 Implementation Plan Focus Area	Workforce Development	
Action Start Year	FY22	
Lead Committee	ASSC	Supporting Committee: All
MCDOT Staff Support	Kelly Dixon, Training & Partnering Branch Manager, Strategic Communications and Outreach Division	
Task Panel	TBD following initial MCDOT meetings	

Description	As part of the <i>AZTech Educating Students on TSMO Careers - Workforce Development Pilot</i> , evaluate the possibility of implementing an AZTech-organized internship program that could be made available to current students or recent graduates to get hands-on experience in the TSMO field. Identify the skills/experiences each intern should acquire and garner interest from agencies in hosting an intern.
Purpose and Need	Gain access to a new TSMO/ITS work force applicant pool
Deliverable(s)	<ul style="list-style-type: none"> List of key skills and experiences that are important for new staff to understand the TSMO field Program plan for TSMO internship and decision by AZTech on whether or not to pursue
Measurable Results	<ul style="list-style-type: none"> Number of presentations developed or accessed from national TSMO organizations Number of materials/presentations shared with young professional outlets in AZ
FY22 Target Activities	<ul style="list-style-type: none"> Schedule internal kick-off MCDOT meeting with Kelly Dixon to brief her on the effort Schedule follow up meetings to brainstorm initial thoughts Schedule Kelly to present an update at future ASSC meeting to elicit feedback
Progress Updates	
Last Progress Update	

FY22 Action Plan

Action 12.3	Working Session with HR on TSMO Staff Positions	Status:
Initiative	TSMO Recruiting and Retention	
2020 Implementation Plan Focus Area	Workforce Development	
Action Start Year	FY22	
Lead Committee	ASSC	Supporting Committee: All
MCDOT Staff Support	Kelly Dixon, Training & Partnering Branch Manager, Strategic Communications and Outreach Division	
Task Panel	TBD following initial MCDOT meetings	

Description	Partnership between AZTech members and agency HR staff in support of actions related to establishing TSMO staff positions at agencies that appropriately reflect job duties and requirements, expand pool of applicants and foster retention.
Purpose and Need	Need to hire and retain qualified staff for TSMO positions
Deliverable(s)	<ul style="list-style-type: none"> Working session between AZTech members and agency HR staff and summary of outcomes and next steps
Measurable Results	<ul style="list-style-type: none"> Number of agency HR staff participated in the working session(s)
FY22 Target Activities	<ul style="list-style-type: none"> Schedule internal kick-off MCDOT meeting with Kelly Dixon to brief her on the effort Schedule follow up meetings to brainstorm initial thoughts Schedule Kelly to present an update at future ASSC meeting to elicit feedback
Progress Updates	
Last Progress Update	

AZTech Operations Committee

Action 1.1 (FY21 Action Plan Ref: 19-03)	Regional ARID Data Integration, Dissemination and Analysis		Status:
Initiative:	Regional Data Integration		
2020 Implementation Plan Focus Area	Deploy and Evaluate Technology		
Action Start Year	FY19		
Lead Committee	AOC	Supporting Committee:	None
MCDOT Staff Support	Alex Lemka, David Lucas (MCDOT)		
Task Panel	Tricia Boyer (City of Mesa)		

Description	Develop a standardized format/interface to integrate regional ARID data sources into RADS and AZ511 for dissemination to the public
Purpose and Need	Desire to provide arterial-specific travel times through AZ511 and other source via agency-owned data and infrastructure
Deliverable(s)	Development of a standard specification/process for sharing ARID data with RADS <ul style="list-style-type: none"> Inventory that can be used to get a good assessment of the current state regarding ARID in the region.
Measurable Results	<ul style="list-style-type: none"> Number of agencies/ARID sensors online and reporting data to AZ511 map Results of system/sensor type comparative analysis of travel time accuracy and other parameters
FY22 Target Activities	<ul style="list-style-type: none"> Conduct a survey of the AOC to get feedback on agencies' current/ planned use of ARID deployments, the type of systems, if they are cloud-based and additional information.
Progress Updates	<ul style="list-style-type: none"> Survey regarding planned ARID deployments sent to AOC. Responses from 4 agencies received. Survey results presented and related discussion followed during 01/19/2022 AOC meeting.
Next Steps	
Last Progress Updates	

Action 1.3	Regional Fiber Outage Notification Process		Status:
Initiative	Regional Data Integration		
2020 Implementation Plan Focus Area	Maintaining Infrastructure and Assets		
Action Start Year	FY21		
Lead Committee	AOC	Supporting Committee:	None
MCDOT Staff Support	Cynthia Lopez		
Task Panel	Ryan Gish (MAG), LeShawn Charlton (MCDOT)		

Description	Implement a regional fiber outage notification process to inform agencies who are connected to the RCN of outages. Proposed two phases (Phase 1: Emails through the RCN network management system; Phase 2: ARIS Notifications)
Purpose and Need	<ol style="list-style-type: none"> 1. Notification system to alert the jurisdictions of RCN service outage issues because as some agency systems may be interconnected impacting multiple agencies; 2. Document services and devices connected via the RCN to assist in troubleshooting
Deliverable(s)	<ul style="list-style-type: none"> ▪ Develop RCN contact list of recipients to receive notifications ▪ Interim process to provide email notifications about complete switch outages ▪ Implement an ultimate solution by providing outage notifications via ARIS ▪ Establish an interactive digital bulletin board on ARIS as a resource for stakeholders to check for outages and other information
Measurable Results	<ul style="list-style-type: none"> ▪ Number of agencies receiving notifications
FY22 Target Activities	<ul style="list-style-type: none"> ▪ Develop RCN contact List ▪ Develop, implement and email test notification process
Progress Updates	<ul style="list-style-type: none"> ▪ Contact List completed and shared with the AOC. ▪ Email alert for total RCN failure developed through the RCN. ▪ Customized agency email alerts for outages related to major fiber links, the RCN switch or any of the pathways going down developed. ▪ External test email alerts sent with 90% rejection. ▪ Troubleshooting in progress for external test email alert delivery issue. ▪ Contact list updated in 3/2022. ▪ External test email delivery issue resolved with software upgrades and conversations with a number of vendor engineers.
Next Steps	
Last Progress Update	

FY22 Action Plan

Action 1.4	Regional Archived Data System (RADS) Core-Rearchitect	Status:
Initiative	Regional Data Integration	
2020 Implementation Plan Focus Area	Proactive System Management	
Action Start Year	FY21	
Lead Committee	AOC	Supporting Committee: ASSC
MCDOT Staff Support	Alex Lemka	
Task Panel	John Roberts (ADOT), Jeff Jenq (MAG), Joseph Jones (ADOT), (MCDOT TBD)	

Description	Develop RADS Core Re-Architect Concept of Operations, System Requirements and architecture and implement the updated architecture.
Purpose and Need	As limitations of RADS have emerged over time; among these is the inability of users to directly access RADS archives. Advances in cloud-based technologies and infrastructures, enable opportunities for more powerful ways to improve the RADS, address shortcomings and re-engineer the RADS hardware, software and infrastructure to fulfil the future goals of the Regional Stakeholders.
Deliverable(s)	<ul style="list-style-type: none"> ▪ RADS Core Re-Architect Concept of Operations ▪ System Requirements ▪ Develop RADS Core Re-Architecture ▪ Implement the Updated Architecture
Measurable Results	<ul style="list-style-type: none"> ▪ Meet or exceed RADS performance goals
FY22 Target Activities	<ul style="list-style-type: none"> ▪ Schedule PM and Progress Report Meetings with MCDOT (3) ▪ Schedule Stakeholder Engagement Meetings to establish needs and operational requirements for RADS Re-Architect project ▪ Finalize Concept of operations ▪ Finalize System Requirements ▪ Finalize High-Level Architecture
Progress Updates	Project kick-off meeting held. Stakeholder meetings held. Progress updates at AOC and ASSC meetings Completed. Concept of operations is being reviewed.
Next Steps	
Last Progress Update	

FY22 Action Plan

Action 1.5:	RADS 2.0 Assessment	Status:
Initiative:	Regional Data Integration	
2020 Implementation Plan Focus Area:	Proactive System Management	
Action Start Year:	FY21	
Lead Committee:	AOC	Supporting Committee: ASSC
MCDOT Staff Support:	Alex Lemka	
Task Panel:	(MCDOT TBD), April Wire (MCDOT), Albert Garcia (City of Surprise)	

Description:	As the AZTech Regional Archived Data System (RADS) core architecture is being upgraded to a modern system, that includes upgrading hardware, migrating software to current standards and implementing a performance dashboard, the completion of a RADS data and user assessment would support leveraging the upgrade.
Purpose and Need:	This assessment will review regional transportation data system best practices; identify user needs related to operations data archiving, system performance monitoring, and reporting; identify gaps and redundancies in the current system; determine additional regional datasets that can be made available to RADS.
Deliverable(s):	<ul style="list-style-type: none"> Assessment Report summarizing the findings Identifying improvements in hardware/software, data Integration, innovative applications/analyses, reporting and data visualizations), estimated cost and ranking based on stakeholder input. Matrix summarizing the findings of the best practices review.
Measurable Results:	<ul style="list-style-type: none"> Final RADS Assessment Report
FY22 Target Activities:	<ul style="list-style-type: none"> Schedule PM and Progress Report Meetings with MCDOT (3) Schedule Stakeholder Engagement Meetings: <ul style="list-style-type: none"> Schedule RADS Core User Group engagement meetings (up to 4) Schedule feedback discussions at AOC meetings (1) Schedule feedback discussion at ASSC meetings (1) Finalize RADS Assessment Report
Progress Updates	Project kick-off meeting held. Stakeholder meetings held. Progress updates at AOC and ASSC meetings completed with high-level feedback to identify how to leverage the RADS core architecture upgrade moving forward and the operational reporting capabilities desired to ensure that RADS enables moving forward. Initial potential near-term, mid-term and long-term enhancements identified and discussed. Final report development is in progress.
Next Steps	
Last Progress Update	

Action 1.6	ARIS Upgrade	Status:
Initiative	Regional Data Integration	
2020 Implementation Plan Focus Area	Proactive System Management	
Action Start Year	FY21	
Lead Committee	AOC	Supporting Committee: ASSC
MCDOT Staff Support	Alex Lemka	
Task Panel	April Wire (MCDOT), (MCDOT TBD), Albert Garcia (City of Surprise)	

Description	Develop new functions of the AZTech Regional Information System (ARIS) which serves as the front end of the current regional ITS (Intelligent Transportation System) data archive and analysis system, the Regional Archived Data System (RADS).
Purpose and Need	Support operational improvement, proactive arterial corridor performance monitoring and automatic system performance report generation and update data feeds.
Deliverable(s)	<ul style="list-style-type: none"> ▪ ARIS Home Screen upgrades ▪ Tactical Screen upgrades ▪ New capability for users to retrospectively review historical events and their impact on traffic; ▪ Event and Travel Time dashboards; ▪ East Valley ARID integration (Bluetooth and WiFi readers in Mesa, Gilbert and Tempe) ▪ Update the data feed of Phoenix Fire 9-1-1 CAD system ▪ ADOT Event Reporting System (ERS) event archive integration (replaced the Highway Conditions and Reporting System (HCRS))
Measurable Results	<ul style="list-style-type: none"> ▪ Final upgrades completed.
FY22 Target Activities	<ul style="list-style-type: none"> ▪ Develop modifications ▪ Schedule stakeholder feedback. ▪ Finalized and implement modifications
Progress Updates	Home page upgraded: East Valley (Tempe, Mesa and Gilbert) Speed colors from ARID devices added to the map, selectable Event Types added, Event Type filtering. New ARIS historical events page developed. Page developed for review of historical events and retrospective incident review. Event and Travel Time dashboards developed.
Next Steps	
Last Progress Update	

Action 1.7	RADS Automated (Traffic Signal Performance Metrics) ATSPM Upgrade		Status:
Initiative	Regional Data Integration		
2020 Implementation Plan Focus Area	Proactive System Management		
Action Start Year	FY22		
Lead Committee	AOC	Supporting Committee:	ASSC
MCDOT Staff Support	Alex Lemka		
Task Panel	April Wire (MCDOT), Jarod Carrell (MCDOT), Albert Garcia (City of Surprise)		

Description	Upgrade hosting of RADS servers to current hardware and software platforms to support ATSPM expansion and virtualization, including current operating systems, virtualization software, and host hardware.
Purpose and Need:	<p>RADS originally consisted of nine LINUX-based servers, all using open-source software, tools and databases. Since initial implementation, the servers have been migrated to Windows Server 2012 operating system virtual machines on a VMWare platform and are at end of life and require upgrade and replacement to support ongoing services as well as any new features. The inventory of server platform and software licensing indicates that components have been superseded with newer versions or are approaching their end of life.</p> <p>Leveraging remote hosting capability offers the opportunity for improved performance and security while lowering total cost of ownership. Upon upgrading the ATSPM operation, the project will offer enhanced ATSPM performance and additional flexibility for individual agencies to customize their ATSPM interaction.</p> <p>Seven local agencies are actively implementing ATSPM on select signals in their jurisdiction. This project will expand ATSPM by fully integrating data from other interested agencies in the region. Currently, data from all agencies is hosted on one server. This project will upgrade the current ATSPM system by breaking out each agency into its own virtual server and allow each agency to view only their traffic signals, customize their reports, and receive real-time notifications. This upgrade will include the latest ATSPM software version provided by Utah DOT.</p>
Deliverable(s)	<p>Upgrade of current capabilities through:</p> <ul style="list-style-type: none"> ▪ Implementation of a planning process to cloud migration and transition to cloud-based services ▪ Procurement of host hardware and virtualization software ▪ Implementation of current UDOT open-source ATSPM software on new Regional Server ▪ Implementation of GDOT open-source Measurement, Accuracy and Reliability KIT Mark 1 dashboard for summarizing Regional ATSPM data ▪ Configuration of virtual server with most recent UDOT open-source ATSPM software for existing ATSPM pilot agencies ▪ Configuration of virtual server with most recent UDOT open-source ATSPM software for up to three ATSPM agencies
Measurable Results:	<ul style="list-style-type: none"> ▪ Number of partner agency signals configured in ATSPM ▪ Accessibility of the ATSPM system and partner utilization of the performance measures provided ▪ Accuracy of data and measure provided
FY22 Target Activities	▪
Progress Updates	

FY22 Action Plan

Action 3.1 (FY21 Action Plan Ref: 19-02):	Connected and Automated Vehicles (CV/AV) Outreach and Plans		Status:
Initiative:	Emerging Technology Implementation and Operations Information Exchange		
2020 Implementation Plan Focus Area:	Deploy and Evaluate Technology		
Action Start Year:	FY19		
Lead Committee:	AOC	Supporting Committee:	None
MCDOT Staff Support:	(MCDOT TBD)		
Task Panel:	Dr. Larry Head (UA), David Lucas (MCDOT), John Roberts (ADOT), Jeff Jenq (MAG)		

Description:	Evaluate opportunity to convert pilot projects into permanent operational deployments that provide benefits to the citizens of Anthem and provide an early-adoption pool of participants.
Purpose and Need:	Transitioning CV applications from research to operations
Deliverable(s):	<ul style="list-style-type: none"> Anthem Phase II Plan report; CV pilot demonstration projects in the region outside of Anthem
Measurable Results:	<ul style="list-style-type: none"> Number of pilot projects Implemented
FY22 Target Activities:	<ul style="list-style-type: none"> Present at ASSC & AOC DCR for Transit and Freight Pilot CV project
Progress Updates	
Next Steps	
Last Progress Update	

FY22 Action Plan

Action 4.3 (FY21 Action Plan Ref: 20-06):	Signal Timing Strategies	Status:
Initiative:	Regional Operations Information Exchange	
2020 Implementation Plan Focus Area:	Proactive System Management	
Action Start Year:	FY20	
Lead Committee:	AOC	Supporting Committee: None
MCDOT Staff Support:	April Wire	
Task Panel:	Micah Henry (City of Mesa), Albert Garcia (City of Surprise), Stin Weber (City of Glendale), Steve McKenzie (City of Peoria)	

Description:	Discussions at the AOC on different AZTech agency practices and strategies for signal timing in a variety of scenarios and document a summary of practices
Purpose and Need:	Interest in sharing information and lessons learned between agencies about signal timing strategies
Deliverable(s):	<ul style="list-style-type: none"> ▪ Agency presentations during AOC meetings ▪ Summary matrix listing signal timing focus per partner agency
Measurable Results:	<ul style="list-style-type: none"> ▪ Number of discussions during AOC meetings; ▪ Number of occurrences that an agency says they use strategies or practices identified during discussions in their agency operations
FY22 Target Activities:	<ul style="list-style-type: none"> ▪ Light rail transit presentation (Valley Metro, Phoenix, Tempe, Mesa) ▪ Summary matrix and distribution
Progress Updates	
Next Steps	
Last Progress Update	

Action 12.4 (formerly 17-15):	CY 2022 Training and Discussion Topics Review		Status:
Initiative:	TSMO Recruiting and Retention		
2020 Implementation Plan Focus Area:	Workforce Development		
Action Start Year:	FY17		
Lead Committee:	AOC	Supporting Committee:	ASSC
MCDOT Staff Support:	April Wire, Cynthia Lopez		
Task Panel:	AOC Chair, Vice Chair		

Description:	<p>This action is a continuation of an FY17 AOC initiative to identify and conduct AOC meeting discussion topics and technical training or workshops for AOC members, other AZTech committees and agency stakeholders on various topics related to ITS and operations.</p> <p>This action involves the following steps:</p> <ol style="list-style-type: none"> 1. Review and update the training and discussion topics documents that the AOC has developed; 2. Facilitate an exercise to identify priority training to be held and discussion topics to be scheduled in 2022 and beyond
Purpose and Need:	<p>Support consistency in maintaining and improving performance of traffic management systems and technologies in the region; keeping current on developing industry information and changes in ITS technology and practices; and supporting security assurance by scheduling discussion topics and providing training to:</p> <ul style="list-style-type: none"> ▪ Promote efficient, consistent and collaborative learning opportunities ▪ Maintain and supporting new or upgraded technology and keeping well-informed of industry standards ▪ Foster staff transition, higher productivity, process improvement and challenges due to ITS and other traffic engineering positions that have varying and sometimes cross-over responsibilities ▪ Impart knowledge and skills through cross-functional training to foster skill redundancy support, a broader variety of competencies, and updates on advanced methods ▪ Provide opportunities for agency sharing of Lessons learned, best practices and processes
Deliverable(s):	<ul style="list-style-type: none"> ▪ Updated and reformatted <i>AZTech Operations Committee Discussion Topics</i> document ▪ Updated and reformatted <i>AZTech Operations Committee Training & Staff Development Topics</i> document
Measurable Results:	<ul style="list-style-type: none"> ▪ # of discussion topics organized and executed during AOC meetings. ▪ # of organized & executed trainings hosted &/or supported by the AOC & provided to AOC, other committee members & AZTech agency stakeholders. ▪ Number of organized and executed workshops hosted and/or supported by the AOC and provided to AOC, other committee members and AZTech agency stakeholders.
FY22 Target Activities:	<ul style="list-style-type: none"> ▪ Schedule review of <i>AZTech Operations Committee Discussion Topics</i> document and <i>AZTech Operations Committee Training & Staff Development Topics</i> document ▪ Identify and prioritize discussion and training topics ▪ For each of the topics that are prioritized and identified for FY22, identify the appropriate speakers/presenters/Instructors/trainers. ▪ Schedule at least two (2) discussion topics during AOC meetings. ▪ Execute at least two (2) trainings from the priority list.
Progress Updates	
Next Steps	
Last Progress Update	

AZTech Traffic Incident Management (TIM) Coalition (8)

Action 7.1:	EMS Specific Outreach		Status:
Initiative:	TIM Coalition Outreach and Engagement		
2020 Implementation Plan Focus Area:	Traffic Incident Management		
Action Start Year:	FY21		
Lead Committee:	TIM Coalition	Supporting Committee:	None
MCDOT Staff Support:	Luz Rubio		
Task Panel:	Captain John Paul Cartier (AZ DPS), David Harden (ADHS)		

Description:	Targeted outreach to EMS community to promote participation in TIM training. Includes partnering with the AIMS Executive Director, working with EMS councils to promote training
Purpose and Need:	Try to increase the number of EMS responders who complete TIM training, as they are currently underrepresented in training participation numbers
Deliverable(s):	<ul style="list-style-type: none"> EMS responder participation in TIM training events
Measurable Results:	<ul style="list-style-type: none"> Number of EMS responders who participate in TIM training
FY22 Target Activities:	<ul style="list-style-type: none"> Plan for 1 training in coordination with EMS organization training event. Track number of EMS participants to TIM training throughout the year.
Progress Updates	
Next Steps	
Last Progress Update	

Action 7.2:	AZTech TIM Awards Program		Status:
Initiative:	TIM Coalition Outreach and Engagement		
2020 Implementation Plan Focus Area:	Value Added Recognition		
Action Start Year:	FY20		
Lead Committee:	TIM Coalition	Supporting Committee:	AEC
MCDOT Staff Support:	Luz Rubio, Cynthia Lopez		
Task Panel:	Captain John Paul Cartier (AZ DPS), Mark Brown (MCDOT), Jeff King (FHWA), David Harden (ADHS), Angela Barnett (APTRA)		

Description:	Champion an ongoing program to recognize and honor TIM stakeholders who have made significant contributions in support and furtherance of the Arizona TIM program and to recognize Arizona TIM Instructors who have attained various levels of achievement while instructing the Federal Highway Administration (FHWA) SHRP2 TIM Responder Training Course.
Purpose and Need:	Acknowledge and support participation in TIM Coalition and TIM training in Arizona
Deliverable(s):	<ul style="list-style-type: none"> Annual awards ceremony at fall AZTech Executive Committee meeting to present award recipients
Measurable Results:	<ul style="list-style-type: none"> Number of award recipients
FY22 Target Activities:	<ul style="list-style-type: none"> Execute the nomination and selection process Plan and coordinate the 2021 TIM Awards celebration in Recognition of TIM award recipients scheduled for the October AEC meeting
Progress Updates	
Next Steps	
Last Progress Update	

FY22 Action Plan

Action 8.1:	2021 Move Over Day Event Outreach Support	Status:
Initiative:	Public Outreach for TIM	
2020 Implementation Plan Focus Area:	Traffic Incident Management	
Action Start Year:	FY22	
Lead Committee:	TIM Coalition	Supporting Committee: None
MCDOT Staff Support:	Luz Rubio	
Task Panel:	Captain John Paul Cartier (AZ DPS), Mark Brown (MCDOT), Jeff King (FHWA), David Harden (ADHS), Angela Barnett (APTRA)	

Description:	Support the Arizona Professional Towing and Recovery Association (APTRA) in the Organizing and execution of the Annual Move Over Day parade and associated events
Purpose and Need:	Increase public awareness and education on the Move Over Law established to foster first responder safety
Deliverable(s):	<ul style="list-style-type: none"> ▪ Social Media Outreach ▪ Email Outreach
Measurable Results:	<ul style="list-style-type: none"> ▪ AZTech TIM Coalition Participation (DPS, REACT, IRU, FHWA, APTRA) ▪ TIM meeting discussions to identify ways to support outreach activities
FY22 Target Activities:	<ul style="list-style-type: none"> ▪ Discussion to support planning of the event at TIM meeting(s) ▪ Event Information dissemination
Progress Updates	
Next Steps	
Last Progress Update	

Action 9.1 (FY21 Action Plan Ref: 17-24):	TIM Training Materials Update		Status:
Initiative:	Enhancements to TIM Training		
2020 Implementation Plan Focus Area:	Traffic Incident Management		
Action Start Year:	FY17		
Lead Committee:	TIM Coalition	Supporting Committee: N/A	
MCDOT Staff Support:	Luz Rubio		
Task Panel:	Captain John Paul Cartier (AZ DPS), Jeff King (FHWA)		

Description:	<ol style="list-style-type: none"> 1. Update training materials to include local (Arizona specific) photos, examples, and data and more arterial traffic incident management examples pertinent to all responders. 2. Provide appropriate inputs to the statewide TIM training program.
Purpose and Need:	TIM training materials that include more examples, images, and references specific to Arizona and need to emphasize arterial traffic incident management more, as most responders participating in the training are arterial responders
Deliverable(s):	<ul style="list-style-type: none"> ▪ Updated TIM training materials that include local Arizona examples and arterial TIM examples
Measurable Results:	<ul style="list-style-type: none"> ▪ 100% of TIM training materials have at least two Arizona case studies and at least one arterial example.
FY22 Target Activities:	<ul style="list-style-type: none"> ▪ Use Arizona specific TIM Training PowerPoint during November 2023 TIM Training Event.
Progress Updates	
Next Steps	
Last Progress Update	

Action 9.2 (FY21 Action Plan Ref: 17-27):	TIM Trainer Mentorship Program		Status:
Initiative:	Enhancements to TIM Training		
2020 Implementation Plan Focus Area:	Traffic Incident Management		
Action Start Year:	FY17		
Lead Committee:	TIM Coalition	Supporting Committee:	N/A
MCDOT Staff Support:	Luz Rubio		
Task Panel:	Captain John Paul Cartier (AZDPS)		

Description:	Maintain the TIM Trainer Mentorship Program that provides newer or less active trainers with an experienced mentor to provide support and accountability.
Purpose and Need:	Recruit and provide support for newer trainers to help with retention and encourage trainers to remain engaged and teach more classes.
Deliverable(s):	<ul style="list-style-type: none"> ▪ Bi-annual mentor and mentee trainer meetings to support training engagement and goals/objectives through training activity discussion and feedback, sharing lessons learned, guidance, and facilitating collaboration between trainers to develop mentee trainer knowledge, ability to make informed decisions and increase the number of trainings they provide.
Measurable Results:	<ul style="list-style-type: none"> ▪ Number of new trainers each year ▪ Number of attendees at AZTech supported Train-the-Trainer trainings
FY22 Target Activities:	<ul style="list-style-type: none"> ▪ Provide 1 Train-the-Trainer refresher course for trainers
Progress Updates	
Next Steps	
Last Progress Update	

Action 9.3:	Quarterly Virtual Training Events		Status:
Initiative:	Enhancements to TIM Training		
2020 Implementation Plan Focus Area:	Traffic Incident Management		
Action Start Year:	FY22		
Lead Committee:	TIM Coalition	Supporting Committee:	N/A
MCDOT Staff Support:	Luz Rubio (MCDOT)		
Task Panel:	Captain John Paul Cartier (AZ DPS), Mark Brown (MCDOT), Jeff King (FHWA), David Harden (ADHS), Angela Barnett (APTRA)		

Description:	Advertise, organize (gather instructors, organize virtual platform, etc.), and execute quarterly virtual mass TIM training events FY22.
Purpose and Need:	Reach a broader audience and provide opportunities for TIM responders throughout the state to attend TIM training in support of the three objectives of the TIM National Unified Goal (NUG): <ol style="list-style-type: none"> 1. Responder Safety 2. Safe, Quick Clearance 3. Prompt, Reliable, Interoperable Communications
Deliverable(s):	Execute virtual TIM training events (4): Q1 (July – Sept 2021) Q2 (Oct – Dec 2021) Q3 (Jan – Mar 2022) Q4 (Apr – Jun 2022)
Measurable Results:	<ul style="list-style-type: none"> ▪ Number of participants
FY22 Target Activities:	<ul style="list-style-type: none"> ▪ Plan 4 quarterly events
Progress Updates	
Next Steps	
Last Progress Update	

Action 10.2:	CY2021 TIM Annual Report		Status:
Initiative:	AZTech Reporting and Tracking		
2020 Implementation Plan Focus Area:	Value Added Recognition		
Action Start Year:	FY22		
Lead Committee:	TIM Coalition	Supporting Committee:	N/A
MCDOT Staff Support:	Luz Rubio (MCDOT)		
Task Panel:	Captain John Paul Cartier (AZ DPS), Mark Brown (MCDOT), Jeff King (FHWA), David Harden (ADHS), Angela Barnett (APTRA)		

Description:	Develop specific performance measures that can be collected to support the business case and value of participation in TIM in the region. Develop and distribute an Arizona TIM Coalition annual report to document efforts and achievements of the Coalition and help track year-over-year progress in metrics related to both participation in the TIM Coalition and for TIM performance metrics.
Purpose and Need:	Track and report on TIM Coalition activities and performance to identify strengths and where more emphasis/effort is required and to have collateral material to show the value of participating in the TIM Coalition
Deliverable(s):	<ul style="list-style-type: none"> Annual report of efforts and achievements
Measurable Results:	<ul style="list-style-type: none"> Increased participation in the AZTech TIM Coalition and or TIM training Increased knowledge and awareness of strengths and benefits
FY22 Target Activities:	<ul style="list-style-type: none"> Develop template/outline for information to track Upload documents highlighting activities onto the Central Resource Database (CRD)
Progress Updates	
Next Steps	
Last Progress Update	

AZTech Media & Communications Task Force (3)

Action 11.5 (FY21 Action Plan Ref: 20-10):	AZTech ITS Outreach Materials		Status:	
Initiative:	AZTech Business Case			
2020 Implementation Plan Focus Area:	Value Added Recognition			
Action Start Year:	FY20			
Lead Committee:	MCTF	Supporting Committee:	None	
MCDOT Staff Support:	Traci Ruth			
Task Panel:				

Description:	Map out a strategy and develop fact sheets that document key projects and deployments. The content will include brief project overviews, benefits, key functions (e.g. emerging technologies, traffic incident management, traveler information, freeway/arterial operations, etc.) and other highlights.
Purpose and Need:	Filtered materials to streamline distribution to stakeholders, public and elected officials that illustrate AZTech initiatives and successes.
Deliverable(s):	<ol style="list-style-type: none"> 1. A series of fact sheets, to share with stakeholders, the public & elected officials to illustrate AZTech initiatives and successes 2. Fact sheet communication plan and materials
Measurable Results:	<ol style="list-style-type: none"> 1. Successful completion of fact sheets. 2. Highlights of AZTech successes as part of the AZTech business case 3. Growth and active participation in AZTech committees 4. Fact sheets shared with various stakeholders, NOCoE (for website), and at state and local events and/or forums as appropriate.
FY22 Target Activities:	<ul style="list-style-type: none"> ▪ Finalize the fact sheets ▪ Plan meetings to begin discussing communication plan and materials development ▪ Share AZTech fact sheets with NOCoE and other stakeholders (FY23)
Progress Updates	
Next Steps	
Last Progress Update	

Action 11.6 ((FY21 Action Plan Ref: 20-10):	2022 Annual Media & Transportation Forum		Status:
Initiative:	AZTech Business Case		
2020 Implementation Plan Focus Area:	Traveler Information		
Action Start Year:	FY21		
Lead Committee:	AMCTF	Supporting Committee:	None
MCDOT Staff Support:	Luz Rubio		
Task Panel:	Traci Ruth (MCDOT), Doug Nick (ADOT), Tyson Milanovich (3TV/CBS5)		

Description:	Coordinate annual forum to interchange ideas among media, transportation agencies, law enforcement, and public information officers and identify issues and gaps associated with dissemination of traveler information.
Purpose and Need:	Exchange ideas on traveler information among media, transportation agencies, public safety, and PIOs and support opportunities to collaborate and elevate traveler information dissemination in the region
Deliverable(s):	<ul style="list-style-type: none"> Annual Media and Transportation Forum
Measurable Results:	<ul style="list-style-type: none"> Number of attendees Number of agencies represented
FY22 Target Activities:	<ul style="list-style-type: none"> Conduct survey to identify topics for Forum Identify date in the Fall 2022 – In-person event Confirm Venue
Progress Updates	
Next Steps	
Last Progress Update	

Action 15.1 ((FY21 Action Plan Ref: 21-03):	Traveler Information Gaps White Paper Phase 2		Status:
Initiative:	Well-Informed Traveling Public		
2020 Implementation Plan Focus Area:	Traveler Information		
Action Start Year:	FY22		
Lead Committee:	AMCTF, AOC, TMC OWG	Supporting Committee:	None
MCDOT Staff Support:	Traci Ruth		
Task Panel:	Technical: Jeff Jenq (MAG), John Roberts (ADOT) and (MCDOT TBD)		

Description:	<p>Develop a traveler information gaps white paper that uses current technology to benchmark and establish best practices in regions comparable to Maricopa County.</p> <p>Phase 1 documented the traveler information data collection method and processes. Phase 2 will identify dissemination gaps and explore technical and engineering solutions to close the traveler information gaps uncovered in draft white paper. Potential phase 3 would explore opportunities to develop and implement solutions.</p>
Purpose and Need:	Explore potential solutions to bring more consistency to the traveler information being delivered for more enhanced mobility in the region.
Deliverable(s):	<ul style="list-style-type: none"> White Paper that documents gaps related to data collection, dissemination and travel information processes and technologies
Measurable Results:	<ul style="list-style-type: none"> Finalized White Paper approved by AEC
FY22 Target Activities:	<ul style="list-style-type: none"> Initiate Phase 2 of the white paper
Progress Updates	
Next Steps	
Last Progress Update	

AZTech Traffic Management Center (TMC) Operators Working Group

Action 2.2:	Traffic Management Center Operations and Technologies Peer Exchange		Status:
Initiative:	TSMO Technology Inter-Regional Peer Exchanges		
2020 Implementation Plan Focus Area:	Deploy and Evaluate Technology		
Action Start Year:	FY22		
Lead Committee:	TMC OWG	Supporting Committee:	AOC
MCDOT Staff Support:	Luz Rubio		
Task Panel:	Mark Delugt (ADOT), Anthony Johnson (MCDOT), April Wire (MCDOT)		

Description:	Conduct peer exchanges with TMCs in other regions outside of Arizona to learn about other systems, processes, or features that are considered unique or best practices that the region may learn from.
Purpose and Need:	Gain insights and lessons learned about TMC functions, technologies, or processes that have been successful for agencies outside of Arizona
Deliverable(s):	Virtual webinars with TMC staff from other agencies, available to ASSC, AOC, ISTTF, TMC OWG
Measurable Results:	<ul style="list-style-type: none"> Number of TMC peer exchanges held Number of participants
FY22 Target Activities:	<ul style="list-style-type: none"> Schedule 1 TMC Tour from out of state
Progress Updates	
Next Steps	
Last Progress Update	

Action 4.1 (FY21 Action Plan Ref: 20-08):	Special Event Traffic Management – Multi-agency Coordination and Traveler Information Practices		Status:
Initiative:	Regional Operations Information Exchange		
2020 Implementation Plan Focus Area:	Proactive System Management		
Action Start Year:	FY22		
Lead Committee:	TMC OWG	Supporting Committee:	AOC
MCDOT Staff Support:	Luz Rubio		
Task Panel:	April Wire (MCDOT), Mark Delugt (ADOT) Anthony Johnson (MCDOT)		

Description:	Facilitate sharing of practices and lessons learned
Purpose and Need:	Improve traffic flow and safety during event-specific ingress and egress for events that have multi-jurisdictional impacts
Deliverable(s):	<ul style="list-style-type: none"> Committee/Working Group presentations and discussion notes Summary document of best practices when all agency presentations are completed
Measurable Results:	<ul style="list-style-type: none"> Number of discussions and/or presentations Number of agencies who participate Number of special events that included multi-agency traffic management coordination
FY22 Target Activities:	<ul style="list-style-type: none"> East, West, Central Valley agencies to present on special event management collaboration. – 2 presentations (Feb. & June) Traffic Management – IRU/REACT Presentation
Progress Updates	
Next Steps	
Last Progress Update	

Action 4.4 (FY21 Action Plan Ref: 20-07:	FY22 AZTech Agency TMC Demonstration Tours		Status:
Initiative:	Regional Operations Information Exchange		
2020 Implementation Plan Focus Area:	Workforce Development		
Action Start Year:	FY20		
Lead Committee:	TMC OWG	Supporting Committee:	None
MCDOT Staff Support:	Luz Rubio		
Task Panel:	TMC OWG		

Description:	Scheduling TMC OWG meetings at different agencies and touring their TMCs/TOCs. The hosting TMC/TOC will inform the agencies primary functions, application and how they address issues.
Purpose and Need:	Allow for an enhanced understanding of the rationale for the operation, equipment, and systems of each jurisdiction's TMC/TOC to support knowledge sharing and improved collaboration and interagency operations.
Deliverable(s):	<ul style="list-style-type: none"> TMC OWG meetings held at various local TMC/TOCs
Measurable Results:	<ul style="list-style-type: none"> Number of TMCs visited each year
FY22 Target Activities:	<ul style="list-style-type: none"> Suggested visits 2: Virtual unless otherwise determined
Progress Updates	
Next Steps	
Last Progress Update	

Action 4.5:	Outreach to Public Safety Dispatch		Status:
Initiative:	Regional Operations Information Exchange		
2020 Implementation Plan Focus Area:	Traffic Incident Management		
Action Start Year:	FY22		
Lead Committee:	TMC OWG	Supporting Committee:	None
MCDOT Staff Support:	Luz Rubio		
Task Panel:	TMC OWG		

Description:	Coordinate and hold workshops/meetings between TMC OWG to present information on TMC capabilities and have discussions on how TMC and dispatch can coordinate better for incident and traffic management. Document shared strategies that result from discussions. Some of these interactions may be coupled with discussions that will occur as part of current projects, including the Loop 101 Mobility Project and the upcoming Tempe Police CAD Integration project.
Purpose and Need:	Establish relationships and procedures to improve coordination between TMCs and public safety dispatch
Deliverable(s):	<ul style="list-style-type: none"> ▪ Documented practices and procedures resulting from working session to elevate coordination during incidents. ▪ Established relationships between TMCs and local dispatch
Measurable Results:	<ul style="list-style-type: none"> ▪ Number of discussions held between TMC OWG and different agency dispatch staff; ▪ Number of agency dispatch centers engaged ▪ Number of events where there was coordination between TMCs and dispatch
FY22 Target Activities:	<ul style="list-style-type: none"> ▪ Information sharing on ITS cameras used for public safety: Peoria, Glendale, Mesa ▪ Resource availability: ADOT
Progress Updates	
Next Steps	
Last Progress Update	

Action: 13.1	MCDOT TMC Training Manual Online Conversion	Status:
Initiative:	TMC Documentation and Resources	
2020 Implementation Plan Focus Area:	Workforce Development	
Action Start Year:	FY22	
Lead Committee:	TMC OWG	Supporting Committee: None
MCDOT Staff Support:	April Wire	
Task Panel:	Anthony Johnson (MCDOT), Alex Lemka (MCDOT), Simon Ramos (City of Phoenix)	

Description:	Pilot the use of Wikis to create an online TMC training manual for the MCDOT TMC. The manual will include TMC standard operating procedures (SOPs), guidelines, and other materials that would support TMC staff training and be used for day-to-day reference
Purpose and Need:	Provide TMC training and guidance materials in a format that is more easily accessible and navigable for MCDOT TMC staff
Deliverable(s):	<ul style="list-style-type: none"> Wiki-based online TMC training manual that is accessible to all MCDOT TMC staff
Measurable Results:	<ul style="list-style-type: none"> Qualitative insights from TMC staff on impacts of having training materials aggregated and available online
FY22 Target Activities:	<ul style="list-style-type: none"> MCDOT to develop content and populate into Wiki to be shared with AOC and TMC OWG
Progress Updates	
Next Steps	
Last Progress Update	

Action 13.2 (formerly 20-06:	TMC Resource Database	Status:
Initiative:	TMC Documentation and Resources	
2020 Implementation Plan Focus Area:	Proactive System Management	
Action Start Year:	Check FY21 Plan	
Lead Committee:	TMC OWG	Supporting Committee: None
MCDOT Staff Support:	Luz Rubio	
Task Panel:	Mark DeLugt (ADOT), April Wire (MCDOT)	

Description:	Revisit the items in the current TMC Resource Database within the AZTech Central Resource Database and solicit new materials to add (TMC manuals or standard processes); upload existing documents describing lessons learned and helpful tips regarding systems, devices, or processes dealt with at TMCs and other information and regularly reference and review processes for accessing database.
Purpose and Need:	Update to contain pertinent information for agencies to utilize. Provide guidance for individuals who have not used before.
Deliverable(s):	<ul style="list-style-type: none"> Updated TMC Resource Database materials Presentation on how to utilize the database
Measurable Results:	<ul style="list-style-type: none"> 100% of TMC OWG participants provide materials or input on materials. Availability of materials on the AZTech Resource Database (when available).
FY22 Target Activities:	<ul style="list-style-type: none"> Demonstrate how to access and what is on the CRD during TMC OWG meeting.
Progress Updates	
Next Steps	
Last Progress Update	

Action 13.3 (formerly 20-02):	2022 TMC Contact List Annual Review and Update	Status:
Initiative:	TMC Documentation and Resources	
2020 Implementation Plan Focus Area:	Proactive System Management	
Action Start Year:	FY17	
Lead Committee:	TMC OWG	Supporting Committee: None
MCDOT Staff Support:	Luz Rubio	
Task Panel:	TMC OWG	

Description:	Keep an updated contact list for TMCs throughout the region, including after-hours contact information and disseminate contact list to all agencies. Identify strategies for increasing awareness of the contact list when new TMC staff are hired
Purpose and Need:	Increased collaboration between TMCs in real-time for traffic management, but not all TMCs have a general number that another agency can call to initiate that coordination
Deliverable(s):	<ul style="list-style-type: none"> ▪ FY22 regular TMC contact list updates as required ▪ CY2022 annual updated list ▪ Up-to-date Dissemination protocol
Measurable Results:	<ul style="list-style-type: none"> ▪ Timely updates to the list, followed by distribution ▪ Completion of the CY 2022 annual review, update and distribution
FY22 Target Activities:	<ul style="list-style-type: none"> ▪ Update and distribute by the first quarter of calendar year 2022 for annual review ▪ Updates and distribution throughout FY22 as required.
Progress Updates	
Next Steps	
Last Progress Update	

AZTech ITS & Signal Technician Task Force (4)

Action 11.7:	ITS & Signal Technician Task Force Charter	Status:
Initiative:	AZTech Business Case	
2020 Implementation Plan Focus Area:	Workforce Development	
Action Start Year:	FY21	
Lead Committee:	ISTTF	Supporting Committee: AOC
MCDOT Staff Support:	Cynthia Lopez, Luz Rubio	
Task Panel:	Simon Ramos (Phoenix), Stin Weber (Glendale)	

Description:	Develop a guiding document that identifies roles and scope, establishes boundaries, and addresses resources to illustrate and clarify the focus and direction of the group & reflect AZTech's purpose & mission.
Purpose and Need:	Guidance for the ISTTF members to understand the purpose, function and objectives of the group and how the group's mission relates to AZTech's overall mission.
Deliverable(s):	<ul style="list-style-type: none"> ISTTF Charter that is approved by the Executive Committee
Measurable Results:	<ul style="list-style-type: none"> Final approved charter
FY22 Target Activities:	<ul style="list-style-type: none"> Draft Charter Solicit feedback from the AOC and ASSC Finalize draft charter Approval from AEC in October 2021
Progress Updates	
Next Steps	
Last Progress Update	

Action 14.1:	FY22 ITS & Signal Technician Task Force (ISTTF) Training	Status:
Initiative:	TSMO Training	
2020 Implementation Plan Focus Area:	Workforce Development	
Action Start Year:	FY22	
Lead Committee:	ISTTF	Supporting Committee: AOC
MCDOT Staff Support:	Luz Rubio, April Wire	
Task Panel:	Simon Ramos (City of Phoenix), Stin Weber (City of Glendale), Eric Hernandez (City of Phoenix), Mike Fisher (City of Mesa)	

Description:	Training assembled by and for the ISTTF to provide task force members guidance resources for critical topics and skill sets related to ITS and Traffic Signal Technicians.
Purpose and Need:	Resources and trainings to support ITS and Traffic Signal Technicians to foster the knowledge, skills and abilities (KSAs) to succeed in their jobs and adapt to the changing technology environment.
Deliverable(s):	<ul style="list-style-type: none"> Establish a training schedule
Measurable Results:	<ul style="list-style-type: none"> Number of trainings/sessions held. Number of Continuing Education Credits (CEC) points offered annually.
FY22 Target Activities:	<ul style="list-style-type: none"> Establish a training subcommittee
Progress Updates	
Next Steps	
Last Progress Update	

Action 14.2:	ITS & Signal Technician Task Force Discussion Topics List		Status:
Initiative:	TSMO Training		
2020 Implementation Plan Focus Area:	Workforce Development		
Action Start Year:	FY21		
Lead Committee:	ISTTF	Supporting Committee:	AOC
MCDOT Staff Support:	Luz Rubio, April Wire		
Task Panel:	Simon Ramos (City of Phoenix), Stin Weber (City of Glendale)		

Description:	This action is to identify various topics related to ITS and operations the ISTTF would like to pursue and schedule on ISTTF meeting agendas in support of the ITS infrastructure in the region to foster collaboration, information sharing and workforce development.
Purpose and Need:	Allow for the task force leadership to help organize and execute the discussions based on levels of priority or interest and other factors
Deliverable(s):	List or table of discussion topics
Measurable Results:	Number of participants in the development of the list
Task Panel:	Simon Ramos (City of Phoenix)
FY22 Target Activities:	<ul style="list-style-type: none"> ▪ ISTTF will gather input and ideas from members about the types of information they desire ▪ Finalize a list of FY22 Discussion Topic ▪ Begin to schedule on FY22 ISTTF agendas ▪ Identify associated tasks for scheduling a discussion topic for each topic identified for FY22
Progress Updates	
Next Steps	
Last Progress Update	

Action 14.3:	ITS Overview Presentation for ITS & Signal Technician Task Force		Status:
Initiative:	TSMO Training		
2020 Implementation Plan Focus Area:	Workforce Development		
Action Start Year:	FY21		
Lead Committee:	ISTTF	Supporting Committee:	AOC
MCDOT Staff Support:	Cynthia Lopez, Luz Rubio		
Task Panel:	Simon Ramos (City of Phoenix)		

Description:	Presentation provided by a consultant to the AZTech ITS & Signal Technician Task Force (AISTTF) providing an overview of ITS.
Purpose and Need:	Interest from AISTTF members on getting a better understanding of the foundation of ITS
Deliverable(s):	<ul style="list-style-type: none"> ▪ Presentation
Measurable Results:	<ul style="list-style-type: none"> ▪ Number of attendees
FY22 Target Activities:	<ul style="list-style-type: none"> ▪ Identify/invite a leader in ITS to present ▪ Schedule presentation at an ISTTF meeting
Progress Updates	
Next Steps	
Last Progress Update	

Planning for the Next 5 Years

As part of the five-year vision for operational strategies and collaboration and to help the AZTech partnership advance key operations initiatives, potential actions have been identified for FY23 and beyond. This section begins to capture actions currently identified with a more long-term planning and implementation focus that may inform the annual plan updates through FY26. The intent is to build on each year's AZTech Action Plan update by identifying additional actions during the annual update process. As continuous changes in the transportation systems management and operations environment, particularly with the evolution of technology, some of the proposed actions may not be selected to complete or it may be decided that some of the details may need to be changed as needed.

FY23 Proposed Actions

AZTech Strategic Steering Committee

Action 6.1:	Comparison Research on Real-time Operations Data Sources	Status: Proposed
Initiative:	Advance TSMO Research and Development	
2020 Implementation Plan Focus Area:	Proactive System Management	
Action Start Year:	FY23	
Lead Committee:	ASSC	Supporting Committee:
MCDOT Staff Support:	April Wire	
Task Panel:	Simon Ramos (City of Phoenix), Eric Hernandez (City of Phoenix)	

Description:	In collaboration with the universities establish a process for AZTech to support TSMO/traffic management research and development activities.
Purpose and Need:	Desire to improve efficiency of data collection for traveler information dissemination and public agency use.
Deliverable(s):	Document or presentation identifying benefits and drawbacks of using third-party data when compared to public agency data collection
Measurable Results:	Number of research projects AZTech members participate in each year and their benefits for AZTech; <ul style="list-style-type: none"> Number of pilot demonstrations that emerged from AZTech efforts
FY23 Target Activities:	<ul style="list-style-type: none"> Plan for agenda to discuss the process for university collaboration. Organize one technology demo.
Progress Updates	

AZTech Strategic Steering Committee

Action 6.2:	Develop TSMO Research and Development Process with Universities	Status: Proposed
Initiative:	TSMO Research and Development	
2020 Implementation Plan Focus Area:	Deploy and Evaluate Technology	
Action Start Year:	FY23	
Lead Committee:	ASSC	Supporting Committee:
MCDOT Staff Support:	April Wire	
Task Panel:	Simon Ramos (City of Phoenix), Eric Hernandez (City of Phoenix)	

Description:	In collaboration with the universities establish a process for AZTech to support TSMO/traffic management research and development activities.
Purpose and Need:	Explore solutions to traffic management challenges and keep up with industry technology advancements to support the region's arterial operations needs.
Deliverable(s):	▪
Measurable Results:	<ul style="list-style-type: none"> ▪ Number of research projects AZTech members participate in each year and their benefits for AZTech; ▪ Number of pilot demonstrations that emerged from AZTech efforts
FY23 Target Activities:	<ul style="list-style-type: none"> ▪ Schedule on ASSC agenda to discuss the process for university collaboration. ▪ Organize one technology demo.
Progress Updates	

AZTech Strategic Steering Committee

Action 10.3	FY22 AZTech Program "Year in Review"	STATUS:
Initiative	AZTech Reporting and Tracking	
2020 Implementation Plan Focus Area	Value Added Recognition	
Action Start Year	FY22	
Lead Committee	ASSC	Supporting Committee: All
MCDOT Staff Support	Cynthia Lopez	
Task Panel	ASSC Chairs, (MCDOT TBD), April Wire (MCDOT), Luz Rubio (MCDOT)	

Description	Develop a document that summarizes what AZTech activities and Action Plan progress were completed in that Fiscal Year and their contributions towards the Implementation Plan focus areas.
Purpose and Need	More intentionally demonstrate value of participation in AZTech and show progress in Implementation Plan focus areas
Deliverable(s)	<ul style="list-style-type: none"> Annual 'AZTech Year in Review' document and a PowerPoint presentation
Measurable Results	<ul style="list-style-type: none"> Annual tracking of outcomes of AZTech activities, Action Plan progress, and traceability to Implementation Plan
FY22 Target Activities	Document the progress. Finalize and publish final report in FY23.
Progress Updates	
Last Progress Update	

AZTech Strategic Steering Committee

Action 5.1:	Operations for Smart City/Region White Paper	Status: Proposed
Initiative:	Operations for Smart City/Region	
2020 Implementation Plan Focus Area:	Deploy and Evaluate Technology	
Action Start Year:	2023	
Lead Committee:	ASSC	Supporting Committee: AOC
MCDOT Staff Support:	TBD	
Task Panel:	Tricia Boyer (City of Mesa)	

Description:	Identify the landscape of Smart City initiatives that AZTech agencies are pursuing, evaluate their implications from an operational perspective, and identify any opportunities for agencies to share resources, practices, or lessons learned about operations-related Smart City initiatives.
Purpose and Need:	There has long been interest in understanding Smart Cities and their impact on ITS/TSMO, particularly with the evolution of Smart Region and Smart State efforts in Arizona. In this context, the AZTech partnership has interest in understanding the transportation operations aspects of a smart region. There is a need to acquire an understanding of local and regional Smart City/Smart Region qualifying operations initiatives.
Deliverable(s):	<ul style="list-style-type: none"> Smart City/Smart Region White Paper focused on transportation Operations
Measurable Results:	<ul style="list-style-type: none"> Collaboratively develop the white paper
FY23 Target Activities:	<ul style="list-style-type: none"> Schedule for discussion at future ASSC meeting Develop a scope for White Paper Development
Progress Updates	

AZTech Strategic Steering Committee

Action 11.3	AZTech 25th Anniversary Commemoration	Status:
Initiative	AZTech Business Case	
2020 Implementation Plan Focus Area	Value Added Recognition	
Action Start Year	FY22	
Lead Committee	ASSC	Supporting Committee: AMCTF
MCDOT Staff Support	Cynthia Lopez, MCDOT TBD	
Task Panel	Traci Ruth (MCDOT)	

Description	Develop a feature that celebrates and reviews AZTech's successes in the past 25 years.
Purpose and Need	Celebrates and highlights 25 years of AZTech Success
Deliverable(s)	<ul style="list-style-type: none"> AZTech 25th Anniversary Celebration feature
Measurable Results	<ul style="list-style-type: none">
FY22 Target Activities	<ul style="list-style-type: none"> Develop an outline;
Progress Updates	
Last Progress Update	

AZTech TIM Coalition

Action 8.2:	Move Over and Quick Clearance Law Promotion	Status: Proposed
Initiative:	Public Outreach for TIM	
2020 Implementation Plan Focus Area:	Traveler Information	
Action Start Year:	FY2X	
Lead Committee:	TIM Coalition	Supporting Committee: AMCTF
MCDOT Staff Support:	Luz Rubio	
Task Panel:	Captain John Paul Cartier (AZ DPS), Mark Brown (MCDOT), Jeff King (FHWA), David Harden (ADHS), Angela Barnett (APTRA)	

Description:	Partner with PIOs/Public Affairs staff to promote Move Over and Quick Clearance Laws
Purpose and Need:	Increase public awareness and education on Move Over and Quick Clearance Laws and promote consistent messaging
Deliverable(s):	<ul style="list-style-type: none"> TIM: Outline of promotional products content Review of the promotional products AMCTF: Blog posts, radio interviews, social media posts, DMS messages and other promotional activities
Measurable Results:	<ul style="list-style-type: none"> Number of promotions Number of outlets used for promotion
FY22 Target Activities:	<ul style="list-style-type: none"> TIM: Develop an outline of talking points for the 2 laws PIOs to develop the campaign. PIOs to review the campaign products.
Progress Updates	
Next Steps	
Last Progress Update	

AZTech Operations Committee

Action 2.1	Superbowl Traffic Operations Peer Exchange	Status: Proposed
Initiative	TSMO Technology Inter-Regional Peer Exchanges	
2020 Implementation Plan Focus Area	Deploy and Evaluate Technology	
Action Start Year	FY23	
Lead Committee	AOC	Supporting Committee: TMC OWG
MCDOT Staff Support	April Wire (MCDOT)	
Task Panel	Stin Weber (City of Glendale)	

Description	Conduct a peer exchange with GDOT and local agencies who supported traffic management during Georgia Superbowl to discuss innovative use of ATSPM and other technologies
Purpose and Need	Gain insights and lessons learned about successful technologies and strategies used for traffic management during a Superbowl in advance of the 2023 Superbowl to be held in Glendale
Deliverable(s)	<ul style="list-style-type: none"> Conducting a virtual webinar with folks from Georgia and making it available to all of AZTech
Measurable Results	<ul style="list-style-type: none"> Number of participants
FY22 Target Activities	<ul style="list-style-type: none"> Conduct webinar with GDOT to present at future AOC on what they did with the Super Bowl LIII in 2019
Progress Updates	
Next Steps	
Last Progress Update	

AZTech Operations Committee

Action 6.1:	Comparison Research on Real-time Operations Data Sources	Status: Proposed
Initiative:	TSMO Research and Development	
2020 Implementation Plan Focus Area:	Proactive System Management	
Action Start Year:	FY22	
Lead Committee:	AOC	Supporting Committee:
MCDOT Staff Support:	Alex Lemka	
Task Panel:		

Description:	Conduct research on benefits and drawbacks of using third party data versus public agency data collection and document a summary of findings or recommendations.
Purpose and Need:	Desire to improve efficiency of data collection for traveler information dissemination and public agency use.
Deliverable(s):	<ul style="list-style-type: none"> Document or presentation identifying benefits and drawbacks of using third-party data when compared to public agency data collection
Measurable Results:	<ul style="list-style-type: none"> Improved data collection methods for traveler information dissemination and public agency use.
FY23 Target Activities:	<ul style="list-style-type: none"> TBD
Progress Updates	
Next Steps	
Last Progress Update	

AZTech Media & Communications Task Force

Action 11.2:	AZTech Performance Indicators Story Collection and Distribution		Status: On Hold
Action Number:	11.2		
Initiative:	AZTech Business Case		
2020 Implementation Plan Focus Area:	Value Added Recognition		
Action Start Year:	FY23		
Lead Committee:	AMCTF	Supporting Committee:	All
MCDOT Staff Support:	Traci Ruth		
Task Panel:	TBD		

Description:	The AZTech Traffic Management and Operations Performance Indicators Book will incorporate monthly, themed stories gathered and published online and in social media in a more real-time basis. The MCTF will be the lead to solicit input for stories ideas to be included.
Purpose and Need:	Encourage the real-time capture, writing and promotion and collection of AZTech member ITS related success stories and produce a report/book that is more aligned with an annual report.to ultimately be included in the AZTech Performance Indicator Book. The social media sharing of these stories will increase the possibility of the success stories gaining media attention.
Deliverable(s):	<ul style="list-style-type: none"> Annual AZTech PI Book success stories publication and designed for monthly distribution of stories and inclusion into the AZTech PI Book
Measurable Results:	<ul style="list-style-type: none"> Number of agencies who contribute to publication; Number of recipients of the annual publication; Number of media stories resulting from social media posts
FY223 Target Activities:	<ul style="list-style-type: none"> Collect one monthly story each month starting January 2022 Finalize 6 stories for inclusion and 2023 distribution of the 2022-2023 AZTech PI Book Share AZTech stories with NOCoE and other stakeholders
Progress Updates	
Next Steps	
Last Progress Update	