



MAG Regional ITS Architecture

Appendix A – Inventory By Agency (from survey conducted in 2009)

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ARIZONA DEPARTMENT OF TRANSPORTATION

TRAFFIC MONITORING AND DETECTION	Existing (as of July 30 2008)	Programmed (Through 2013)	Planned (Not Programmed)
Number of freeway CCTV cameras (<i>*provide locations</i>)	133 (Phx metro area) - locations on az511.gov		
Number of vehicle detection locations on freeways (<i>*provide instrumented corridors</i>)			
Loops (connected to ADOT TOC)			
Loops (not connected to ADOT TOC)			
Passive acoustic detectors		0	0
Other types of detectors (please list the numbers of each type)			
How many speed cameras are deployed on the freeway system? (<i>*provide instrumented corridors</i>)	6		30
Number of centerline freeway miles covered by FMS (<i>*FMS coverage map</i>)			
Weigh-in-Motion stations (<i>*provide locations in metro area/MAG region</i>)		0	0
RAMP METERING	Existing	Programmed (Through 2013)	Planned (Not Programmed)
How many ramps have ramp meters? (<i>*provide locations</i>)			
How many ramps have ramp meter detection? (<i>*indicate which locations</i>)			
How many ramp meters utilize mainline traffic flow data to adjust metering rates?			
How many metered ramps have priority access capability for transit vehicles?	None	None	None
How many metered ramps have preemption access capability for emergency vehicles?	None	None	1 for VII Research
TRAVELER INFORMATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Traveler information dissemination to the public:	-		
Television - dedicated channel	private partner		
Television - broadcast media news (ADOT provides data feed via FTP, links to news media)	Yes		
511 telephone service	Yes		
Personalized access (PDA, other wireless) - partnership project with MAG	Yes		
www.az511.gov; www.valleyfreeways.com	Yes		
Email alerts			yes
Other - please list			
Permanent freeway DMS (<i>*verify future numbers</i>)	67	19	
How many portable DMS are owned by your agency for freeway traveler information purposes?	13		
Freeway DMS used for the following info:			
Travel times	Yes		



TRAVELER INFORMATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Incident information	Yes		
Construction/work zone information	Yes		
AMBER Alerts	Yes		
Special event traffic information	Yes		
Emergency/threat alerts	Yes		
Public service announcements (high pollution advisory, drinking and driving warnings)	Yes		
Other types of information (please list)			
TRAFFIC MANAGEMENT COORDINATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Traffic management agency connections for traffic/emergency/incident information sharing between agencies:			
DPS	Yes		
Arizona Department of Emergency Management	Yes		
Arizona Emergency Operations Center	Yes		
Valley Metro	Yes		
Maricopa County Flood Control District	Yes		
City of Avondale			yes
City of Glendale	Yes		
Maricopa County	Yes		
City of Phoenix	Yes		
City of Phoenix - Fire Dept	Yes		
City of Scottsdale	Yes		
City of Tempe	Yes		
City of Mesa			
What agencies does ADOT share control of ADOT ITS devices with through established permissions?			
MCDOT			
Please list all MCDOT, Glendale, Phx, Scottsdale, DPS, Tempe			
Other Systems ADOT is Connected To:			
Center-to-Center	Yes		
Regional Communications Network ADOT/MAG	No	Yes	
Public Safety Video Distribution System	No	Yes	
COMMUNICATIONS INFRASTRUCTURE	Existing	Programmed (Through 2013)	Planned (Not Programmed)
How many miles of fiber optic cable infrastructure have been deployed by your agency?			
Please verify other types of communications media utilized by your agency:			
Wireless			
Leased lines			



SPECIAL EVENT MANAGEMENT	Existing	Programmed (Through 2013)	Planned (Not Programmed)
What other agencies does ADOT coordinate with for special event management purposes:			
DPS	Yes		
City of Avondale	Yes		
City of Glendale	Yes		
Maricopa County	Yes		
City of Phoenix	Yes		
City of Scottsdale	Yes		
City of Tempe	Yes		
Other (please list) - need info about agencies in the MAG region only. Goodyear, Peoria, Chandler			
OTHER ACTIVITIES AND SERVICES	Existing	Programmed (Through 2013)	Planned (Not Programmed)
How many ALERT vehicles does your agency have in operation? (ALERT also has AVL)	8		2
How many Freeway Service Patrol vehicles are in operation on ADOT freeways?	8		
Number of signalized intersections/interchanges operated by ADOT (within the MAG region)			
How many railroad grade crossing signals are operated by ADOT?	0		
What types of information does your data archive collect and store?			
Detector information/freeway volumes and speeds	Yes		
DMS activity (messages)	Yes		
CCTV images	No		
HCRS Entries	Yes		
ALERT responses	Yes		
CAD Incident Entries yes for Phx Fire only	yes/no		
511 call volumes	Yes		
www.az511.gov web usage	Yes		
Other (please list)			
Name of reporting system - Highway Condition Reporting System - HCRS	yes		
Other reporting systems you are connected to - MCDOT Regional Archived Data Server - RADS, DPS Computer Aided Dispatch	yes		



CITY OF AVONDALE

TRAFFIC SIGNAL MANAGEMENT	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Model and Vendor of your agency's traffic signal/management system:	ATMS.now		
Is there a Traffic management/operations center (<i>*Provide address/location</i>)	Yes		
How many signalized intersections are operated by your agency:	-		
Connected to the City TMC	28		
Not connected to the City TMC	10		
Number of synchronized signalized intersections (<i>*indicate locations</i>)	17		
Number of signalized intersections with emergency vehicle signal preemption (<i>*indicate locations</i>)	38		
Number of signalized intersections with preemption encryption for sharing with other agencies (<i>*indicate locations</i>)	0		
Number of signalized intersections with signal priority for transit vehicles (<i>*indicate locations</i>)	0		
Number of signalized intersections with signal priority for light rail (<i>*indicate locations</i>)	0		
Number of signalized intersections that are in close proximity to train tracks which have specific timing sequences for train crossings (<i>*indicate locations</i>)	0		
How many signalized intersections have automated photo red light running enforcement? (<i>*indicate locations</i>)	2		
How many signalized intersections have automated speed enforcement? (<i>*indicate locations</i>)	0		
TRAFFIC MONITORING AND DETECTION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Number of arterial CCTV cameras deployed/owned by your agency (<i>*provide locations</i>)	3		11
Number of arterial CCTV cameras in other jurisdictions that your agency can operate (<i>*provide locations</i>)	0		
What type of arterial vehicle detection does your agency use for traffic management purposes:	-		
Stop bar intersection detection	Yes		
Advanced intersection detection	Yes		
Mid-block detection	No		
Vehicle Image Detection	Yes		
Other types of detectors - please indicate (i.e., ITIP sensors)	No		
Arterial corridors that have consecutive intersection detection capabilities along a corridor that are provided by your agency (<i>*attach map of corridor and extent of coverage if available</i>)	Avondale Blvd, Dysart Rd		
Number of VID (video image detection devices) deployed by your agency? (<i>*provide intersections, indicate if VID covers all 4 intersection directions</i>)			60



TRAFFIC MONITORING AND DETECTION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
How is arterial detection data being used by your agency?			
Real-time operations	Yes		
Planning purposes	No		
Use is limited to localized signal operations (presence)	Yes		
Other comments on your agency's traffic monitoring/detection capabilities not already addressed in the above questions:	The City is currently conducting an inventory so not all the information is available at this time.		
TRAVELER INFORMATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
How does your agency disseminate traveler information to the public:	-		
Television - dedicated channel/local cable channel	Yes		
Link to local media	Yes		
Link to HCRS for dissemination on 511	No		
Email alerts	Yes		
Agency website	Yes		
Private sector providers (i.e., Traffic.com)	No		
Other (please describe)			
How many permanent arterial DMS are deployed by your agency? (*provide locations)	0		11
Can you operate arterial DMS in another jurisdiction? (*provide locations/jurisdiction)	No		
How many portable DMS are owned by your agency for arterial traveler information purposes?	4		
Please verify the types of information displayed on your arterial DMS:	-		
Travel times	-		
Incident information	-		
Construction/work zone information	Yes		
Emergency/threat alerts	-		
Special event information	Yes		
Other (please describe)			
Other comments or activities about traveler information by your agency that are not addressed above:			
AGENCY COORDINATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Which devices/systems do you share control of with other agencies?			
CCTV (identify agency)	0		
DMS (identify agency)	0		
Signal timing plans (view only access) (identify agency)	0		
What traffic management agencies are you connected with to share information (signal timing plans, video, and DMS messages)?	0		
ADOT	0		
MCDOT	0		



AGENCY COORDINATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Cities (please list)	0		
What other departments or agencies are you connected to for information sharing? (May be internal agency network)			
Police			
Fire			
City Emergency Operations Center			
Transit			
Arizona Department of Emergency Management			
Maricopa County Emergency Operations Center			
Other (please list)	IT		
What regional systems are you connected to?	-		
Center-to-Center	No	No	Yes
Regional Communications Network	No	No	Yes
Public Safety Video Distribution System	No	Yes	
Please describe any additional information/activities about your agency coordination or connectivity status:			
COMMUNICATIONS INFRASTRUCTURE	Existing	Programmed (Through 2013)	Planned (Not Programmed)
How many miles of fiber optic cable infrastructure have been deployed by your agency for traffic management/operations? (*provide map with coverage areas)	0		30
Please verify other types of communications media that are utilized by your agency for traffic operations and management:	-		
Wireless (identify locations)	Yes		
Leased lines	No		
Other (please list)			
EVENT MANAGEMENT	Existing	Programmed (Through 2013)	Planned (Not Programmed)
What other agencies do you coordination with for event management purposes:	-		
ADOT	Yes		
Adjacent City (please list)	Goodyear		
Other (please list)	MCDOT, Glendale		



ARTERIAL INCIDENT MANAGEMENT AND RESPONSE	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Does your agency have an arterial incident response team?	No		
How many vehicles does your agency have as part of the arterial incident response team?	-		
Do your police vehicles within your jurisdiction have automatic vehicle location capabilities?	No		
Do your agency's maintenance/construction vehicles have automatic vehicle location capabilities?	No		
Do your fire vehicles within your jurisdiction have automatic vehicle location capabilities?	unknown		
Please describe any additional activities or resources for arterial incident management not addressed in the above questions.			
OPERATIONAL DATA ARCHIVING/STORAGE	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Does your agency have a data archive for operations data?	No		
What types of information does your data archive collect and store?	0		
Detector information	0		
Signal operations	*		
DMS activity	0		
CCTV images	0		
Service patrol calls	0		
Other (please list)	* = capable but not tracked		
How does your agency track closures, incidents or planned construction/restrictions?			



CITY OF CHANDLER

TRAFFIC SIGNAL MANAGEMENT	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Model and Vendor of your agency's traffic signal/management system:	i2TMS		
Is there a Traffic management/operations center (<i>*Provide address/location</i>)	Yes	215 E. Buffalo; Chandler, Az 85225	
How many signalized intersections are operated by your agency:	200		
Connected to the City TMC	120		
Not connected to the City TMC	80		
Number of synchronized signalized intersections (<i>*indicate locations</i>)	200		
Number of signalized intersections with emergency vehicle signal preemption (<i>*indicate locations</i>)	150		
Number of signalized intersections with preemption encryption for sharing with other agencies (<i>*indicate locations</i>)	TBD		
Number of signalized intersections with signal priority for transit vehicles (<i>*indicate locations</i>)	4		
Number of signalized intersections with signal priority for light rail (<i>*indicate locations</i>)	0		
Number of signalized intersections that are in close proximity to train tracks which have specific timing sequences for train crossings (<i>*indicate locations</i>)	All Track Crossings NS by RR		
How many signalized intersections have automated photo red light running enforcement? (<i>*indicate locations</i>)	12		
How many signalized intersections have automated speed enforcement? (<i>*indicate locations</i>)	6		
TRAFFIC MONITORING AND DETECTION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Number of arterial CCTV cameras deployed/owned by your agency (<i>*provide locations</i>)	5 and 120 Intersections have video that feed to TMC from detection cameras		
Number of arterial CCTV cameras in other jurisdictions that your agency can operate (<i>*provide locations</i>)	0		
What type of arterial vehicle detection does your agency use for traffic management purposes:	Photo Enforcement		
Stop bar intersection detection	Yes		
Advanced intersection detection			
Mid-block detection			



TRAFFIC MONITORING AND DETECTION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Vehicle Image Detection	Yes		
Other types of detectors - please indicate (i.e., ITIP sensors)			
Arterial corridors that have consecutive intersection detection capabilities along a corridor that are provided by your agency (<i>*attach map of corridor and extent of coverage if available</i>)	Chandler Blvd, Arizona Ave		
Number of VID (video image detection devices) deployed by your agency? (<i>*provide intersections, indicate if VID covers all 4 intersection directions</i>)	120 Intersections, various #, see map		
How is arterial detection data being used by your agency?	-		
Real-time operations	Yes		
Planning purposes	Yes		
Use is limited to localized signal operations (presence)	No		
Other comments on your agency's traffic monitoring/detection capabilities not already addressed in the above questions:			
TRAVELER INFORMATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
How does your agency disseminate traveler information to the public:	-		
Television - dedicated channel/local cable channel	Yes		
Link to local media	Yes		
Link to HCRS for dissemination on 511			
Email alerts			
Agency website	Yes		
Private sector providers (i.e., Traffic.com)			
Other (please describe)			
How many permanent arterial DMS are deployed by your agency? (<i>*provide locations</i>)	2		
Can you operate arterial DMS in another jurisdiction? (<i>*provide locations/jurisdiction</i>)	0		
How many portable DMS are owned by your agency for arterial traveler information purposes?	4		
Please verify the types of information displayed on your arterial DMS:	-		
Travel times	No		
Incident information	Yes		
Construction/work zone information	Yes		
Emergency/threat alerts	Yes		
Special event information	Yes		
Other (please describe)			
Other comments or activities about traveler information by your agency that are not addressed above:			



AGENCY COORDINATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Which devices/systems do you share control of with other agencies?			
CCTV (identify agency)	None		
DMS (identify agency)	None		
Signal timing plans (view only access) (identify agency)	None		
What <u>traffic management</u> agencies are you connected with to share information (signal timing plans, video, and DMS messages)?	-		
ADOT	No	Yes	
MCDOT	No		
Cities (please list)	Gilbert		
What other departments or agencies are you connected to for information sharing? (<i>May be internal agency network</i>)			
Police	yes		
Fire	Yes		
City Emergency Operations Center	yes		
Transit	no		
Arizona Department of Emergency Management	no		
Maricopa County Emergency Operations Center	no		
Other (please list)			
What regional systems are you connected to?	-		
Center-to-Center	No	Yes	
Regional Communications Network	No	Yes	
Public Safety Video Distribution System	No	Yes	
Please describe any additional information/activities about your agency coordination or connectivity status:			
COMMUNICATIONS INFRASTRUCTURE	Existing	Programmed (Through 2013)	Planned (Not Programmed)
How many miles of fiber optic cable infrastructure have been deployed by your agency for traffic management/operations? (*provide map with coverage areas)	See Map		
Please verify other types of communications media that are utilized by your agency for traffic operations and management:			
Wireless (<i>identify locations</i>)	yes		
Leased lines	no		
Other (please list)			



EVENT MANAGEMENT	Existing	Programmed (Through 2013)	Planned (Not Programmed)
What other agencies do you coordination with for event management purposes:			
ADOT	Yes		
EVENT MANAGEMENT	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Adjacent City (please list)	Yes		
Other (please list)			
ARTERIAL INCIDENT MANAGEMENT AND RESPONSE	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Does your agency have an arterial incident response team?	No		
How many vehicles does your agency have as part of the arterial incident response team?	-		
Do your police vehicles within your jurisdiction have automatic vehicle location capabilities?			
Do your agency's maintenance/construction vehicles have automatic vehicle location capabilities?			
Do your fire vehicles within your jurisdiction have automatic vehicle location capabilities?			
Please describe any additional activities or resources for arterial incident management not addressed in the above questions.			
OPERATIONAL DATA ARCHIVING/STORAGE	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Does your agency have a data archive for operations data?	Possible but not done		
What types of information does your data archive collect and store?	None		
Detector information			
Signal operations			
DMS activity			
CCTV images			
Service patrol calls			
Other (please list)			
How does your agency track closures, incidents or planned construction/restrictions?	Yes, Barricade team		



CITY OF GLENDALE

TRAFFIC SIGNAL MANAGEMENT	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Model and Vendor of your agency's traffic signal/management system:	i2TMS		
Is there a Traffic management/operations center (<i>*Provide address/location</i>)	Yes		
How many signalized intersections are operated by your agency:	-		
Connected to the City TMC	190		
Not connected to the City TMC			
Number of synchronized signalized intersections (<i>*indicate locations</i>)			
Number of signalized intersections with emergency vehicle signal preemption (<i>*indicate locations</i>)			
Number of signalized intersections with preemption encryption for sharing with other agencies (<i>*indicate locations</i>)			
Number of signalized intersections with signal priority for transit vehicles (<i>*indicate locations</i>)			
Number of signalized intersections with signal priority for light rail (<i>*indicate locations</i>)			
Number of signalized intersections that are in close proximity to train tracks which have specific timing sequences for train crossings (<i>*indicate locations</i>)			
How many signalized intersections have automated photo red light running enforcement? (<i>*indicate locations</i>)			
How many signalized intersections have automated speed enforcement? (<i>*indicate locations</i>)			
TRAFFIC MONITORING AND DETECTION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Number of arterial CCTV cameras deployed/owned by your agency (<i>*provide locations</i>)	30	43	18
Number of arterial CCTV cameras in other jurisdictions that your agency can operate (<i>*provide locations</i>)			
What type of arterial vehicle detection does your agency use for traffic management purposes:	-		
Stop bar intersection detection	Yes		
Advanced intersection detection	Yes		
Mid-block detection	Yes		
Vehicle Image Detection	Yes		
Other types of detectors - please indicate (i.e., ITIP sensors)			
Arterial corridors that have consecutive intersection detection capabilities along a corridor that are provided by your agency (<i>*attach map of corridor and extent of coverage if available</i>)			
Number of VID (video image detection devices) deployed by your agency? (<i>*provide intersections, indicate if VID covers all 4 intersection directions</i>)			
How is arterial detection data being used by your agency?	-		
Real-time operations	Yes		
Planning purposes	Yes		
Use is limited to localized signal operations (presence)	No		



TRAVELER INFORMATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
How does your agency disseminate traveler information to the public:	-		
Television - dedicated channel/local cable channel	Yes		
Link to local media	Yes		
Link to HCRS for dissemination on 511			
Email alerts			
Agency website	Yes		
Private sector providers (i.e., Traffic.com)			
Other (please describe)			
How many permanent arterial DMS are deployed by your agency? (<i>*provide locations</i>)	1		20
Can you operate arterial DMS in another jurisdiction? (<i>*provide locations/jurisdiction</i>)			
How many portable DMS are owned by your agency for arterial traveler information purposes?			
Please verify the types of information displayed on your arterial DMS:	-		
Travel times	No		
Incident information	Yes		
Construction/work zone information	Yes		
Emergency/threat alerts	Yes		
Special event information	Yes		
Other (please describe)			
Other comments or activities about traveler information by your agency that are not addressed above:			
AGENCY COORDINATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Which devices/systems do you share control of with other agencies?			
CCTV (identify agency)			
DMS (identify agency)			
Signal timing plans (view only access) (identify agency)			
What <u>traffic management</u> agencies are you connected with to share information (signal timing plans, video, and DMS messages)?			
ADOT			
MCDOT			
Cities (please list)			
What other departments or agencies are you connected to for information sharing? (<i>May be internal agency network</i>)	-		
Police	Yes		
Fire			
City Emergency Operations Center			
Transit			
Arizona Department of Emergency Management			
Maricopa County Emergency Operations Center			



AGENCY COORDINATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Other (please list)			
What regional systems are you connected to?	-		
Center-to-Center	No	Yes	
Regional Communications Network	No	Yes	
Public Safety Video Distribution System	No	Yes	
Please describe any additional information/activities about your agency coordination or connectivity status:			
COMMUNICATIONS INFRASTRUCTURE	Existing	Programmed (Through 2013)	Planned (Not Programmed)
How many miles of fiber optic cable infrastructure have been deployed by your agency for traffic management/operations? (*provide map with coverage areas)			
Please verify other types of communications media that are utilized by your agency for traffic operations and management:			
Wireless (<i>identify locations</i>)			
Leased lines			
Other (please list)			
EVENT MANAGEMENT	Existing	Programmed (Through 2013)	Planned (Not Programmed)
What other agencies do you coordination with for event management purposes:			
ADOT			
Adjacent City (please list)			
Other (please list)			
ARTERIAL INCIDENT MANAGEMENT AND RESPONSE	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Does your agency have an arterial incident response team?	No	Yes	
How many vehicles does your agency have as part of the arterial incident response team?	-		
Do your police vehicles within your jurisdiction have automatic vehicle location capabilities?			
Do your agency's maintenance/construction vehicles have automatic vehicle location capabilities?			
Do your fire vehicles within your jurisdiction have automatic vehicle location capabilities?			
Please describe any additional activities or resources for arterial incident management not addressed in the above questions.			



OPERATIONAL DATA ARCHIVING/STORAGE	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Does your agency have a data archive for operations data?			
What types of information does your data archive collect and store?			
Detector information			
Signal operations			
DMS activity			
CCTV images			
Service patrol calls			
Other (please list)			
How does your agency track closures, incidents or planned construction/restrictions?			



CITY OF GOODYEAR

TRAFFIC SIGNAL MANAGEMENT	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Model and Vendor of your agency's traffic signal/management system:	i2TMS		
Is there a Traffic management/operations center (<i>*Provide address/location</i>)	Yes		
How many signalized intersections are operated by your agency:	-		
Connected to the City TMC	0	30	47
Not connected to the City TMC	77		
Number of synchronized signalized intersections (<i>*indicate locations</i>)	0		
Number of signalized intersections with emergency vehicle signal preemption (<i>*indicate locations</i>)			
Number of signalized intersections with preemption encryption for sharing with other agencies (<i>*indicate locations</i>)			
Number of signalized intersections with signal priority for transit vehicles (<i>*indicate locations</i>)	0		
Number of signalized intersections with signal priority for light rail (<i>*indicate locations</i>)	0		
Number of signalized intersections that are in close proximity to train tracks which have specific timing sequences for train crossings (<i>*indicate locations</i>)	0		
How many signalized intersections have automated photo red light running enforcement? (<i>*indicate locations</i>)	0		
How many signalized intersections have automated speed enforcement? (<i>*indicate locations</i>)	0		
TRAFFIC MONITORING AND DETECTION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Number of arterial CCTV cameras deployed/owned by your agency (<i>*provide locations</i>)	16	18	4
Number of arterial CCTV cameras in other jurisdictions that your agency can operate (<i>*provide locations</i>)	0		
What type of arterial vehicle detection does your agency use for traffic management purposes:	-		
Stop bar intersection detection	Yes		
Advanced intersection detection	No		
Mid-block detection	No		
Vehicle Image Detection	Yes		
Other types of detectors - please indicate (i.e., ITIP sensors)	No		
Arterial corridors that have consecutive intersection detection capabilities along a corridor that are provided by your agency (<i>*attach map of corridor and extent of coverage if available</i>)	Litchfield Road	Estrella Parkway	
Number of VID (video image detection devices) deployed by your agency? (<i>*provide intersections, indicate if VID covers all 4 intersection directions</i>)	308 (4 at each intersection)		
How is arterial detection data being used by your agency?	-		
Real-time operations	No		
Planning purposes	Yes		
Use is limited to localized signal operations (presence)	Yes		



TRAVELER INFORMATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
How does your agency disseminate traveler information to the public:	-		
Television - dedicated channel/local cable channel	Yes		
Link to local media	Yes		
Link to HCRS for dissemination on 511	No		
Email alerts	No		
Agency website	Yes		
Private sector providers (i.e., Traffic.com)	No		
Other (please describe)	-		
How many permanent arterial DMS are deployed by your agency? (<i>*provide locations</i>)	0	7	3
Can you operate arterial DMS in another jurisdiction? (<i>*provide locations/jurisdiction</i>)	No		
How many portable DMS are owned by your agency for arterial traveler information purposes?	3		3
Please verify the types of information displayed on your arterial DMS:	-		
Travel times	-		
Incident information	-		
Construction/work zone information	-		
Emergency/threat alerts	-		
Special event information	-		
Other (please describe)	-		
Other comments or activities about traveler information by your agency that are not addressed above:			
AGENCY COORDINATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Which devices/systems do you share control of with other agencies?	-		
CCTV (identify agency)	No		
DMS (identify agency)	-		
Signal timing plans (view only access) (identify agency)	No	C2C	
What <u>traffic management</u> agencies are you connected with to share information (signal timing plans, video, and DMS messages)?	-		
ADOT	No		
MCDOT	Yes		
Cities (please list)	No	Avondale	
What other departments or agencies are you connected to for information sharing? (<i>May be internal agency network</i>)	-		
Police	No		
Fire	No		
City Emergency Operations Center	No		
Transit	No		
Arizona Department of Emergency Management	No		
Maricopa County Emergency Operations Center	No		



AGENCY COORDINATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Other (please list)	-		
What regional systems are you connected to?	-		
Center-to-Center	No	Yes	
Regional Communications Network	No	No	Yes
Public Safety Video Distribution System	No	Yes	
Please describe any additional information/activities about your agency coordination or connectivity status:			
COMMUNICATIONS INFRASTRUCTURE	Existing	Programmed (Through 2013)	Planned (Not Programmed)
How many miles of fiber optic cable infrastructure have been deployed by your agency for traffic management/operations? (*provide map with coverage areas)	12	25	11.5
Please verify other types of communications media that are utilized by your agency for traffic operations and management:	-		
Wireless (<i>identify locations</i>)	No		
Leased lines	Yes		
Other (please list)			
EVENT MANAGEMENT	Existing	Programmed (Through 2013)	Planned (Not Programmed)
What other agencies do you coordination with for event management purposes:	-		
ADOT	Yes		
Adjacent City (please list)	Avondale		
Other (please list)	MCDOT		
ARTERIAL INCIDENT MANAGEMENT AND RESPONSE	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Does your agency have an arterial incident response team?	No	No	Yes
How many vehicles does your agency have as part of the arterial incident response team?	-		
Do your police vehicles within your jurisdiction have automatic vehicle location capabilities?	Yes		
Do your agency's maintenance/construction vehicles have automatic vehicle location capabilities?			
Do your fire vehicles within your jurisdiction have automatic vehicle location capabilities?	Yes		
Please describe any additional activities or resources for arterial incident management not addressed in the above questions.			



OPERATIONAL DATA ARCHIVING/STORAGE	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Does your agency have a data archive for operations data?	No		
What types of information does your data archive collect and store?	-		
Detector information	-		
Signal operations	-		
DMS activity	-		
CCTV images	-		
Service patrol calls	-		
Other (please list)	-		
How does your agency track closures, incidents or planned construction/restrictions?			



CITY OF MESA

TRAFFIC SIGNAL MANAGEMENT	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Model and Vendor of your agency's traffic signal/management system:	ICONS		
Is there a Traffic management/operations center (<i>*Provide address/location</i>)- 300 E. 6th Street, Mesa	Yes		
How many signalized intersections are operated by your agency:	389	449	
Connected to the City TMC	384	449	
Not connected to the City TMC	5	0	
Number of synchronized signalized intersections (<i>*indicate locations</i>)	388	449	
Number of signalized intersections with emergency vehicle signal preemption (<i>*indicate locations</i>)	305	350	
Number of signalized intersections with preemption encryption for sharing with other agencies (<i>*indicate locations</i>)	305	350	
Number of signalized intersections with signal priority for transit vehicles (<i>*indicate locations</i>)	0	47	
Number of signalized intersections with signal priority for light rail (<i>*indicate locations</i>)	4	15	
Number of signalized intersections that are in close proximity to train tracks which have specific timing sequences for train crossings (<i>*indicate locations</i>)	2	2	
How many signalized intersections have automated photo red light running enforcement? (<i>*indicate locations</i>)	30	40	
How many signalized intersections have automated speed enforcement? (<i>*indicate locations</i>)	0		
TRAFFIC MONITORING AND DETECTION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Number of arterial CCTV cameras deployed/owned by your agency (<i>*provide locations</i>)	58	90	157
Number of arterial CCTV cameras in other jurisdictions that your agency can operate (<i>*provide locations</i>)	3		
What type of arterial vehicle detection does your agency use for traffic management purposes:	-		
Stop bar intersection detection	Yes		
Advanced intersection detection	No		
Mid-block detection	Yes		
Vehicle Image Detection	Yes		
Other types of detectors - please indicate (i.e., ITIP sensors)			
Arterial corridors that have consecutive intersection detection capabilities along a corridor that are provided by your agency (<i>*attach map of corridor and extent of coverage if available</i>)	Broadway, Main/Apache, Ellsworth, Country Club, Power		
Number of VID (video image detection devices) deployed by your agency? (<i>*provide intersections, indicate if VID covers all 4 intersection directions</i>)	228 (35 int x >4) & (30 int x <4)	300	
How is arterial detection data being used by your agency?	-		
Real-time operations	No	Yes	



TRAFFIC MONITORING AND DETECTION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Planning purposes	Yes		
Use is limited to localized signal operations (presence)	Yes		
Other comments on your agency's traffic monitoring/detection capabilities not already addressed in the above questions:			
TRAVELER INFORMATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
How does your agency disseminate traveler information to the public:	-		
Television - dedicated channel/local cable channel	Yes		
Link to local media	No		
Link to HCRS for dissemination on 511	No		
Email alerts	No		
Agency website	No		
Private sector providers (i.e., Traffic.com)	Yes		
Other (please describe)			
How many permanent arterial DMS are deployed by your agency? (*provide locations)	2		
Can you operate arterial DMS in another jurisdiction? (*provide locations/jurisdiction)	No		
How many portable DMS are owned by your agency for arterial traveler information purposes?	0	10	
Please verify the types of information displayed on your arterial DMS:	-		
Travel times	No		
Incident information	Yes		
Construction/work zone information	Yes		
Emergency/threat alerts	Yes		
Special event information	Yes		
Other (please describe) New transit services			New transit services
Other comments or activities about traveler information by your agency that are not addressed above:			
AGENCY COORDINATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Which devices/systems do you share control of with other agencies?	-		
CCTV (identify agency)	No		
DMS (identify agency)	No		
Signal timing plans (view only access) (Identify agency)	No	C2C	
What <u>traffic management</u> agencies are you connected with to share information (signal timing plans, video, and DMS messages)?	-		
ADOT	No		
MCDOT	No		
Cities (please list)	No		
What other departments or agencies are you connected to for information sharing? (May be internal agency network)	-		



AGENCY COORDINATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Police	No		
Fire	No		
City Emergency Operations Center	No		
Transit	No		
Arizona Department of Emergency Management	No		
Maricopa County Emergency Operations Center	No		
Other (please list)			
What regional systems are you connected to?	-		
Center-to-Center	No	Yes	
Regional Communications Network	No	Yes	
Public Safety Video Distribution System	No	Yes	
Please describe any additional information/activities about your agency coordination or connectivity status:			
COMMUNICATIONS INFRASTRUCTURE	Existing	Programmed (Through 2013)	Planned (Not Programmed)
How many miles of fiber optic cable infrastructure have been deployed by your agency for traffic management/operations? (*provide map with coverage areas)	96	120	
Please verify other types of communications media that are utilized by your agency for traffic operations and management:	-		
Wireless (<i>identify locations</i>)	Yes		
Leased lines	Yes		
Other (please list)			
EVENT MANAGEMENT	Existing	Programmed (Through 2013)	Planned (Not Programmed)
What other agencies do you coordination with for event management purposes:	-		
ADOT	Yes		
Adjacent City (please list)		Chandler / Tempe	
Other (please list)		MCDOT	
ARTERIAL INCIDENT MANAGEMENT AND RESPONSE	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Does your agency have an arterial incident response team?	No		
How many vehicles does your agency have as part of the arterial incident response team?	-		
Do your police vehicles within your jurisdiction have automatic vehicle location capabilities?	Yes		
Do your agency's maintenance/construction vehicles have automatic vehicle location capabilities?	No		
Do your fire vehicles within your jurisdiction have automatic vehicle location capabilities?	No		
Please describe any additional activities or resources for arterial incident management not addressed in the above questions.			



OPERATIONAL DATA ARCHIVING/STORAGE	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Does your agency have a data archive for operations data?	No		
What types of information does your data archive collect and store?			
Detector information			
Signal operations			
DMS activity			
CCTV images			
Service patrol calls			
Other (please list)			
How does your agency track closures, incidents or planned construction/restrictions?	Through barricade coordinator and ADOT coordination meetings.		



CITY OF PEORIA

TRAFFIC SIGNAL MANAGEMENT	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Model and Vendor of your agency's traffic signal/management system:	i2TMS		
Is there a Traffic management/operations center (<i>*Provide address/location</i>) 9875 N. 85th Avenue	Yes		
How many signalized intersections are operated by your agency:	91		
Connected to the City TMC	15		
Not connected to the City TMC	76		
Number of synchronized signalized intersections (<i>*indicate locations</i>)	80		
Number of signalized intersections with emergency vehicle signal preemption (<i>*indicate locations</i>)	74		
Number of signalized intersections with preemption encryption for sharing with other agencies (<i>*indicate locations</i>)	0		
Number of signalized intersections with signal priority for transit vehicles (<i>*indicate locations</i>)	0		
Number of signalized intersections with signal priority for light rail (<i>*indicate locations</i>)	0		
Number of signalized intersections that are in close proximity to train tracks which have specific timing sequences for train crossings (<i>*indicate locations</i>)	2		
How many signalized intersections have automated photo red light running enforcement? (<i>*indicate locations</i>)	4		
How many signalized intersections have automated speed enforcement? (<i>*indicate locations</i>)	0		
TRAFFIC MONITORING AND DETECTION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Number of arterial CCTV cameras deployed/owned by your agency (<i>*provide locations</i>)	8		
Number of arterial CCTV cameras in other jurisdictions that your agency can operate (<i>*provide locations</i>)	4		
What type of arterial vehicle detection does your agency use for traffic management purposes:	-		
Stop bar intersection detection	Yes		
Advanced intersection detection	Yes		
Mid-block detection	City owned Traffic Count Stations		
Vehicle Image Detection	Yes		
Other types of detectors - please indicate (i.e., ITIP sensors)	ITIP Sensors		
Arterial corridors that have consecutive intersection detection capabilities along a corridor that are provided by your agency (<i>*attach map of corridor and extent of coverage if available</i>)			
Number of VID (video image detection devices) deployed by your agency? (<i>*provide intersections, indicate if VID covers all 4 intersection directions</i>)			
How is arterial detection data being used by your agency?			
Real-time operations	Yes		



TRAFFIC MONITORING AND DETECTION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Planning purposes	Yes		
Use is limited to localized signal operations (presence)			
Other comments on your agency's traffic monitoring/detection capabilities not already addressed in the above questions:			
TRAVELER INFORMATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
How does your agency disseminate traveler information to the public:	-		
Television - dedicated channel/local cable channel	Yes		
Link to local media	Yes		
Link to HCRS for dissemination on 511			
Email alerts	Yes		
Agency website	Yes		
Private sector providers (i.e., Traffic.com)	Yes (ITIP)		
Other (please describe)			
How many permanent arterial DMS are deployed by your agency? (<i>*provide locations</i>)	2		
Can you operate arterial DMS in another jurisdiction? (<i>*provide locations/jurisdiction</i>)	2		
How many portable DMS are owned by your agency for arterial traveler information purposes?	4		
Please verify the types of information displayed on your arterial DMS:	-		
Travel times	No		
Incident information	Yes		
Construction/work zone information	No		
Emergency/threat alerts	Yes		
Special event information	Yes		
Other (please describe)			
Other comments or activities about traveler information by your agency that are not addressed above:			
AGENCY COORDINATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Which devices/systems do you share control of with other agencies?	-		
CCTV (identify agency)	MCDOT, Surprise		
DMS (identify agency)	MCDOT, Surprise		
Signal timing plans (view only access) (identify agency)	No		
What traffic management agencies are you connected with to share information (signal timing plans, video, and DMS messages)?	-		
ADOT	No		
MCDOT	Yes		



AGENCY COORDINATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Cities (please list)	Surprise		
What other departments or agencies are you connected to for information sharing? (May be internal agency network)	-		
Police	No		
Fire	No		
City Emergency Operations Center	No		
Transit	No		
Arizona Department of Emergency Management	No		
Maricopa County Emergency Operations Center	No		
Other (please list)	-		
What regional systems are you connected to?	-		
Center-to-Center	No	Yes	
Regional Communications Network	No	Yes	
Public Safety Video Distribution System	No	Yes	
Please describe any additional information/activities about your agency coordination or connectivity status:			
COMMUNICATIONS INFRASTRUCTURE	Existing	Programmed (Through 2013)	Planned (Not Programmed)
How many miles of fiber optic cable infrastructure have been deployed by your agency for traffic management/operations? (*provide map with coverage areas)			
Please verify other types of communications media that are utilized by your agency for traffic operations and management:			
Wireless (identify locations)			
Leased lines			
Other (please list)			
EVENT MANAGEMENT	Existing	Programmed (Through 2013)	Planned (Not Programmed)
What other agencies do you coordination with for event management purposes:	-		
ADOT	Yes		
Adjacent City (please list)	Surprise, Glendale		
Other (please list)	MCDOT		



ARTERIAL INCIDENT MANAGEMENT AND RESPONSE	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Does your agency have an arterial incident response team?	No	Yes	
How many vehicles does your agency have as part of the arterial incident response team?	-		
Do your police vehicles within your jurisdiction have automatic vehicle location capabilities?			
Do your agency's maintenance/construction vehicles have automatic vehicle location capabilities?			
Do your fire vehicles within your jurisdiction have automatic vehicle location capabilities?			
Please describe any additional activities or resources for arterial incident management not addressed in the above questions.			
OPERATIONAL DATA ARCHIVING/STORAGE	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Does your agency have a data archive for operations data?			
What types of information does your data archive collect and store?			
Detector information			
Signal operations			
DMS activity			
CCTV images			
Service patrol calls			
Other (please list)			
How does your agency track closures, incidents or planned construction/restrictions?			



CITY OF PHOENIX

TRAFFIC SIGNAL MANAGEMENT	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Model and Vendor of your agency's traffic signal/management system:	Transuite-Transcore		
Is there a Traffic management/operations center (<i>*Provide address/location</i>)	200 W Washington		
How many signalized intersections are operated by your agency:	1010	10	
Connected to the City TMC	668	342	
Not connected to the City TMC	342		
Number of synchronized signalized intersections (<i>*indicate locations</i>)			
Number of signalized intersections with emergency vehicle signal preemption (<i>*indicate locations</i>)	176	400	
Number of signalized intersections with preemption encryption for sharing with other agencies (<i>*indicate locations</i>)	176	400	
Number of signalized intersections with signal priority for transit vehicles (<i>*indicate locations</i>)	119	15	
Number of signalized intersections with signal priority for light rail (<i>*indicate locations</i>)	13		
Number of signalized intersections that are in close proximity to train tracks which have specific timing sequences for train crossings (<i>*indicate locations</i>)	12	0	
How many signalized intersections have automated photo red light running enforcement? (<i>*indicate locations</i>)	0	0	
How many signalized intersections have automated speed enforcement? (<i>*indicate locations</i>)			
TRAFFIC MONITORING AND DETECTION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Number of arterial CCTV cameras deployed/owned by your agency (<i>*provide locations</i>)	10		
Number of arterial CCTV cameras in other jurisdictions that your agency can operate (<i>*provide locations</i>)	0	0	0
What type of arterial vehicle detection does your agency use for traffic management purposes:			
Stop bar intersection detection			
Advanced intersection detection	yes		
Mid-block detection	yes		
Vehicle Image Detection	yes		
Other types of detectors - please indicate (i.e., ITIP sensors)	yes		
Arterial corridors that have consecutive intersection detection capabilities along a corridor that are provided by your agency (<i>*attach map of corridor and extent of coverage if available</i>)	0		
Number of VID (video image detection devices) deployed by your agency? (<i>*provide intersections, indicate if VID covers all 4 intersection directions</i>)	34		
How is arterial detection data being used by your agency?			
Real-time operations	yes		
Planning purposes	yes		
Use is limited to localized signal operations (presence)			



TRAVELER INFORMATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
How does your agency disseminate traveler information to the public:			
Television - dedicated channel/local cable channel			
Link to local media			
Link to HCRS for dissemination on 511			
Email alerts			
Agency website	yes		
Private sector providers (i.e., Traffic.com)			
Other (please describe)			
How many permanent arterial DMS are deployed by your agency? (*provide locations)	6		
Can you operate arterial DMS in another jurisdiction? (*provide locations/jurisdiction)			
How many portable DMS are owned by your agency for arterial traveler information purposes?			
Please verify the types of information displayed on your arterial DMS:			
Travel times			
Incident information			
Construction/work zone information	yes		
Emergency/threat alerts			
Special event information			
Other (please describe)			
Other comments or activities about traveler information by your agency that are not addressed above:			
AGENCY COORDINATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Which devices/systems do you share control of with other agencies?	0		
CCTV (identify agency)	0		
DMS (identify agency)	0		
Signal timing plans (view only access) (identify agency)	0		
What traffic management agencies are you connected with to share information (signal timing plans, video, and DMS messages)?			
ADOT			
MCDOT			
Cities (please list)			
What other departments or agencies are you connected to for information sharing? (May be internal agency network)			
Police	yes		
Fire			
City Emergency Operations Center			
Transit	yes		
Arizona Department of Emergency Management			
Maricopa County Emergency Operations Center			



AGENCY COORDINATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Other (please list)			
What regional systems are you connected to?			
Center-to-Center			
Regional Communications Network			
Public Safety Video Distribution System			
Please describe any additional information/activities about your agency coordination or connectivity status:			
COMMUNICATIONS INFRASTRUCTURE	Existing	Programmed (Through 2013)	Planned (Not Programmed)
How many miles of fiber optic cable infrastructure have been deployed by your agency for traffic management/operations? (*provide map with coverage areas)	80-100		
Please verify other types of communications media that are utilized by your agency for traffic operations and management:			
Wireless (<i>identify locations</i>)	25		
Leased lines	680		
Other (please list)			
EVENT MANAGEMENT	Existing	Programmed (Through 2013)	Planned (Not Programmed)
What other agencies do you coordination with for event management purposes:			
ADOT			
Adjacent City (please list)		cop PD	
Other (please list)			
ARTERIAL INCIDENT MANAGEMENT AND RESPONSE	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Does your agency have an arterial incident response team?			
How many vehicles does your agency have as part of the arterial incident response team?			
Do your police vehicles within your jurisdiction have automatic vehicle location capabilities?			
Do your agency's maintenance/construction vehicles have automatic vehicle location capabilities?			
Do your fire vehicles within your jurisdiction have automatic vehicle location capabilities?			
Please describe any additional activities or resources for arterial incident management not addressed in the above questions.			



OPERATIONAL DATA ARCHIVING/STORAGE	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Does your agency have a data archive for operations data?	no		
What types of information does your data archive collect and store?			
Detector information			
Signal operations			
DMS activity			
CCTV images			
Service patrol calls			
Other (please list)			
How does your agency track closures, incidents or planned construction/restrictions?	Closure application TRACS		



CITY OF SCOTTSDALE

TRAFFIC SIGNAL MANAGEMENT	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Model and Vendor of your agency's traffic signal/management system:	TranSuite		
Is there a Traffic management/operations center (<i>*Provide address/location</i>)	Yes		
How many signalized intersections are operated by your agency:	300		
Connected to the City TMC	198		
Not connected to the City TMC	2		
Number of synchronized signalized intersections (<i>*indicate locations</i>)	90%		
Number of signalized intersections with emergency vehicle signal preemption (<i>*indicate locations</i>)	70%		
Number of signalized intersections with preemption encryption for sharing with other agencies (<i>*indicate locations</i>)	0		
Number of signalized intersections with signal priority for transit vehicles (<i>*indicate locations</i>)	0		
Number of signalized intersections with signal priority for light rail (<i>*indicate locations</i>)	0		
Number of signalized intersections that are in close proximity to train tracks which have specific timing sequences for train crossings (<i>*indicate locations</i>)	0		
How many signalized intersections have automated photo red light running enforcement? (<i>*indicate locations</i>)	9		
How many signalized intersections have automated speed enforcement? (<i>*indicate locations</i>)	9		
TRAFFIC MONITORING AND DETECTION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Number of arterial CCTV cameras deployed/owned by your agency (<i>*provide locations</i>)	50	75	25
Number of arterial CCTV cameras in other jurisdictions that your agency can operate (<i>*provide locations</i>)	0		
What type of arterial vehicle detection does your agency use for traffic management purposes:	-		
Stop bar intersection detection	Yes		
Advanced intersection detection	Yes		
Mid-block detection	Yes		
Vehicle Image Detection	no		
Other types of detectors - please indicate (i.e., ITIP sensors)	no		
Arterial corridors that have consecutive intersection detection capabilities along a corridor that are provided by your agency (<i>*attach map of corridor and extent of coverage if available</i>)	Hayden, Scottsdale		
Number of VID (video image detection devices) deployed by your agency? (<i>*provide intersections, indicate if VID covers all 4 intersection directions</i>)	2		
How is arterial detection data being used by your agency?	-		
Real-time operations	no		
Planning purposes	no		
Use is limited to localized signal operations (presence)	No		



TRAVELER INFORMATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
How does your agency disseminate traveler information to the public:	-		
Television - dedicated channel/local cable channel	Yes		
Link to local media	Yes		
Link to HCRS for dissemination on 511	Yes		
Email alerts	Yes		
Agency website	Yes		
Private sector providers (i.e., Traffic.com)			
Other (please describe)			
How many permanent arterial DMS are deployed by your agency? (*provide locations)	25	40	0
Can you operate arterial DMS in another jurisdiction? (*provide locations/jurisdiction)	No		
How many portable DMS are owned by your agency for arterial traveler information purposes?	6		
Please verify the types of information displayed on your arterial DMS:	-		
Travel times	No		
Incident information	Yes		
Construction/work zone information	Yes		
Emergency/threat alerts	Yes		
Special event information	Yes		
Other (please describe)			
Other comments or activities about traveler information by your agency that are not addressed above:			
AGENCY COORDINATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Which devices/systems do you share control of with other agencies?			
CCTV (identify agency)	No		
DMS (identify agency)	No		
Signal timing plans (view only access) (identify agency)	No		
What traffic management agencies are you connected with to share information (signal timing plans, video, and DMS messages)?	None		
ADOT			
MCDOT			
Cities (please list)			
What other departments or agencies are you connected to for information sharing? (May be internal agency network)			
Police	Yes		
Fire	Yes		
City Emergency Operations Center	Yes		
Transit	No		
Arizona Department of Emergency Management	No		
Maricopa County Emergency Operations Center	No		



AGENCY COORDINATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Other (please list)			
What regional systems are you connected to?	-		
Center-to-Center	No	Yes	
Regional Communications Network	No	No	Yes
Public Safety Video Distribution System	No	Yes	
Please describe any additional information/activities about your agency coordination or connectivity status:			
COMMUNICATIONS INFRASTRUCTURE	Existing	Programmed (Through 2013)	Planned (Not Programmed)
How many miles of fiber optic cable infrastructure have been deployed by your agency for traffic management/operations? (*provide map with coverage areas)	25	15	5
Please verify other types of communications media that are utilized by your agency for traffic operations and management:	-		
Wireless (<i>identify locations</i>)	Yes		
Leased lines	Yes		
Other (please list)			
EVENT MANAGEMENT	Existing	Programmed (Through 2013)	Planned (Not Programmed)
What other agencies do you coordination with for event management purposes:			
ADOT	Yes		
Adjacent City (please list)			
Other (please list)			
ARTERIAL INCIDENT MANAGEMENT AND RESPONSE	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Does your agency have an arterial incident response team?	No	Yes	
How many vehicles does your agency have as part of the arterial incident response team?	-		
Do your police vehicles within your jurisdiction have automatic vehicle location capabilities?	Yes		
Do your agency's maintenance/construction vehicles have automatic vehicle location capabilities?	Yes		
Do your fire vehicles within your jurisdiction have automatic vehicle location capabilities?	Yes		
Please describe any additional activities or resources for arterial incident management not addressed in the above questions.			



OPERATIONAL DATA ARCHIVING/STORAGE	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Does your agency have a data archive for operations data?	Yes		
What types of information does your data archive collect and store?			
Detector information	It can		
Signal operations	Yes		
DMS activity	Yes		
CCTV images	No		
Service patrol calls	No		
Other (please list)			
How does your agency track closures, incidents or planned construction/restrictions?			



CITY OF SURPRISE

TRAFFIC SIGNAL MANAGEMENT	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Model and Vendor of your agency's traffic signal/management system:	i2TMS	KITS - being designed	
Is there a Traffic management/operations center (<i>*Provide address/location</i>)	Yes		
How many signalized intersections are operated by your agency:			
Connected to the City TMC	34	44	
Not connected to the City TMC			
Number of synchronized signalized intersections (<i>*indicate locations</i>)	Bell Rd: Ave Arts to Bell Pointe		
Number of signalized intersections with emergency vehicle signal preemption (<i>*indicate locations</i>)			
Number of signalized intersections with preemption encryption for sharing with other agencies (<i>*indicate locations</i>)			
Number of signalized intersections with signal priority for transit vehicles (<i>*indicate locations</i>)			
Number of signalized intersections with signal priority for light rail (<i>*indicate locations</i>)			
Number of signalized intersections that are in close proximity to train tracks which have specific timing sequences for train crossings (<i>*indicate locations</i>)			
How many signalized intersections have automated photo red light running enforcement? (<i>*indicate locations</i>)			
How many signalized intersections have automated speed enforcement? (<i>*indicate locations</i>)			
TRAFFIC MONITORING AND DETECTION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Number of arterial CCTV cameras deployed/owned by your agency (<i>*provide locations</i>)	4		25
Number of arterial CCTV cameras in other jurisdictions that your agency can operate (<i>*provide locations</i>)	3		
What type of arterial vehicle detection does your agency use for traffic management purposes:	-		
Stop bar intersection detection	No		
Advanced intersection detection	No		
Mid-block detection	No	Greenway 2010 - 2 locations	
Vehicle Image Detection	Yes		
Other types of detectors - please indicate (i.e., ITIP sensors)			
Arterial corridors that have consecutive intersection detection capabilities along a corridor that are provided by your agency (<i>*attach map of corridor and extent of coverage if available</i>)			
Number of VID (video image detection devices) deployed by your agency? (<i>*provide intersections, indicate if VID covers all 4 intersection directions</i>)			



TRAFFIC MONITORING AND DETECTION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
How is arterial detection data being used by your agency?			
Real-time operations			
Planning purposes			
Use is limited to localized signal operations (presence)			
Other comments on your agency's traffic monitoring/detection capabilities not already addressed in the above questions:			
TRAVELER INFORMATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
How does your agency disseminate traveler information to the public:	-		
Television - dedicated channel/local cable channel	No		
Link to local media	No		
Link to HCRS for dissemination on 511	No		
Email alerts	Yes		
Agency website	Yes		
Private sector providers (i.e., Traffic.com)			
Other (please describe)	text subscribers		
How many permanent arterial DMS are deployed by your agency? (<i>*provide locations</i>)	2	4	
Can you operate arterial DMS in another jurisdiction? (<i>*provide locations/jurisdiction</i>)	Bell Rd in Peoria		
How many portable DMS are owned by your agency for arterial traveler information purposes?			
Please verify the types of information displayed on your arterial DMS:	-		
Travel times	No		
Incident information	Yes		
Construction/work zone information	Yes		
Emergency/threat alerts	No		
Special event information	Yes		
Other (please describe)	information as it relates to traffic only		
Other comments or activities about traveler information by your agency that are not addressed above:			
AGENCY COORDINATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Which devices/systems do you share control of with other agencies?	-		
CCTV (identify agency)	Peoria, MCDOT		
DMS (identify agency)	Peoria, MCDOT		
Signal timing plans (view only access) (identify agency)	Peoria, MCDOT		



AGENCY COORDINATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
What <u>traffic management</u> agencies are you connected with to share information (signal timing plans, video, and DMS messages)?	-		
ADOT	Yes		
MCDOT	Yes		
Cities (please list)	Peoria		
What other departments or agencies are you connected to for information sharing? (<i>May be internal agency network</i>)	-		
Police	Yes		
Fire	Yes		
City Emergency Operations Center			
Transit			
Arizona Department of Emergency Management			
Maricopa County Emergency Operations Center			
Other (please list)	REACT		
What regional systems are you connected to?	-		
Center-to-Center	No	No	Yes
Regional Communications Network	No	Yes	
Public Safety Video Distribution System	No	Yes	
Please describe any additional information/activities about your agency coordination or connectivity status:			
COMMUNICATIONS INFRASTRUCTURE	Existing	Programmed (Through 2013)	Planned (Not Programmed)
How many miles of fiber optic cable infrastructure have been deployed by your agency for traffic management/operations? (*provide map with coverage areas)	3.5	5.5	3
Please verify other types of communications media that are utilized by your agency for traffic operations and management:			
Wireless (<i>identify locations</i>)			
Leased lines			
Other (please list)			
EVENT MANAGEMENT	Existing	Programmed (Through 2013)	Planned (Not Programmed)
What other agencies do you coordination with for event management purposes:			
ADOT			
Adjacent City (please list)			
Other (please list)			



ARTERIAL INCIDENT MANAGEMENT AND RESPONSE	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Does your agency have an arterial incident response team?	Yes - REACT		
How many vehicles does your agency have as part of the arterial incident response team?	3		
Do your police vehicles within your jurisdiction have automatic vehicle location capabilities?			
Do your agency's maintenance/construction vehicles have automatic vehicle location capabilities?			
Do your fire vehicles within your jurisdiction have automatic vehicle location capabilities?			
Please describe any additional activities or resources for arterial incident management not addressed in the above questions.			
OPERATIONAL DATA ARCHIVING/STORAGE	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Does your agency have a data archive for operations data?	coming with KITS		
What types of information does your data archive collect and store?	-		
Detector information	Yes		
Signal operations	Yes		
DMS activity	Yes		
CCTV images	No		
Service patrol calls	Yes - REACT		
Other (please list)			
How does your agency track closures, incidents or planned construction/restrictions?			



MARICOPA COUNTY DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MANAGEMENT	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Model and Vendor of your agency's traffic signal/management system:	i2TMS		
Is there a Traffic management/operations center (<i>*Provide address/location</i>)	Yes, 2901 W Durango, Phx, AZ		
How many signalized intersections are operated by your agency:	145		230 total
Connected to the City TMC	71		
Not connected to the City TMC	74		
Number of synchronized signalized intersections (<i>*indicate locations</i>)	Bell, Peoria, MC-85, Power, Riggs, 99th Ave, Indian School		
Number of signalized intersections with emergency vehicle signal preemption (<i>*indicate locations</i>)			
Number of signalized intersections with preemption encryption for sharing with other agencies (<i>*indicate locations</i>)	?		
Number of signalized intersections with signal priority for transit vehicles (<i>*indicate locations</i>)	None		
Number of signalized intersections with signal priority for light rail (<i>*indicate locations</i>)	None		
Number of signalized intersections that are in close proximity to train tracks which have specific timing sequences for train crossings (<i>*indicate locations</i>)	?		
How many signalized intersections have automated photo red light running enforcement? (<i>*indicate locations</i>)	None		
How many signalized intersections have automated speed enforcement? (<i>*indicate locations</i>)	None		
TRAFFIC MONITORING AND DETECTION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Number of arterial CCTV cameras deployed/owned by your agency (<i>*provide locations</i>)	31	70-80	
Number of arterial CCTV cameras in other jurisdictions that your agency can operate (<i>*provide locations</i>)	Bell Rd - Peoria, Surprise, Goodyear, 9 total		
What type of arterial vehicle detection does your agency use for traffic management purposes:	-		
Stop bar intersection detection	Yes		
Advanced intersection detection	Wireless, Loops,		
Mid-block detection	No		
Vehicle Image Detection	?		
Other types of detectors - please indicate (i.e., ITIP sensors)	ITIP (RTMS)		



TRAFFIC MONITORING AND DETECTION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Arterial corridors that have consecutive intersection detection capabilities along a corridor that are provided by your agency (<i>*attach map of corridor and extent of coverage if available</i>)	MC-85, Bell, Olive, Hayden, Baseline		
Number of VID (video image detection devices) deployed by your agency? (<i>*provide intersections, indicate if VID covers all 4 intersection directions</i>)	?		
How is arterial detection data being used by your agency?	-		
Real-time operations	Yes		
Planning purposes	Yes		
Use is limited to localized signal operations (presence)	No		
Other comments on your agency's traffic monitoring/detection capabilities not already addressed in the above questions:			
TRAVELER INFORMATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
How does your agency disseminate traveler information to the public:	-		
Television - dedicated channel/local cable channel	No		
Link to local media	Yes		
Link to HCRS for dissemination on 511	Yes		
Email alerts	Yes		
Agency website	Yes		
Private sector providers (i.e., Traffic.com)	Yes		
Other (please describe)			
How many permanent arterial DMS are deployed by your agency? (<i>*provide locations</i>)			
Can you operate arterial DMS in another jurisdiction? (<i>*provide locations/jurisdiction</i>)	Yes - Peoria, Surprise	Yes - Goodyear, Avondale	
How many portable DMS are owned by your agency for arterial traveler information purposes?	None		
Please verify the types of information displayed on your arterial DMS:	15		
Travel times	No		
Incident information	Yes		
Construction/work zone information	Yes		
Emergency/threat alerts	Yes		
Special event information	Yes		
Other (please describe)			
Other comments or activities about traveler information by your agency that are not addressed above:			



AGENCY COORDINATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Which devices/systems do you share control of with other agencies?	-		
CCTV (identify agency)	Peoria, Surprise	Goodyear, Avondale	
DMS (identify agency)	Peoria, Surprise	Goodyear, Avondale	
Signal timing plans (view only access) (identify agency)	Peoria, Surprise	Any agency linked to C2C	
What <u>traffic management</u> agencies are you connected with to share information (signal timing plans, video, and DMS messages)?	-		
ADOT	Yes		
Cities (please list)	Peoria, Surprise		
What other departments or agencies are you connected to for information sharing? (May be internal agency network)	-		
Police	Yes - MCSO, DPS		
Fire	Yes - Phoenix Fire		
City Emergency Operations Centers	No		
Transit	Yes - Phoenix Public Transit, Valley Metro		
Arizona Department of Emergency Management	No	Yes	
Maricopa County Emergency Operations Center	No	Yes	
Other (please list)			
What regional systems are you connected to?	-		
Center-to-Center	Yes		
Regional Communications Network	No	Yes	
Public Safety Video Distribution System	No	Yes	
Please describe any additional information/activities about your agency coordination or connectivity status:			



COMMUNICATIONS INFRASTRUCTURE	Existing	Programmed (Through 2013)	Planned (Not Programmed)
How many miles of fiber optic cable infrastructure have been deployed by your agency for traffic management/operations? (*provide map with coverage areas)	7.2		
Please verify other types of communications media that are utilized by your agency for traffic operations and management:			
Wireless (<i>identify locations</i>)	Yes - Riggs, MC-85, Olive, Peoria, 99th, University, El Mirage, Del Webb, Broadway,		
Leased lines	Yes - Bell Rd, Majority of communications (50 DS1 / T1 leased lines)		
Other (please list)	TWP and Dial-Up - RH Johnson		
EVENT MANAGEMENT	Existing	Programmed (Through 2013)	Planned (Not Programmed)
What other agencies do you coordination with for event management purposes:	-		
ADOT	Yes		
City (please list)	Peoria, Surprise, Goodyear, Avondale, Mesa, Scottsdale		
Other (please list)			
ARTERIAL INCIDENT MANAGEMENT AND RESPONSE	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Does your agency have an arterial incident response team?	Yes		
How many vehicles does your agency have as part of the arterial incident response team?	11		
Do your police vehicles within your jurisdiction have automatic vehicle location capabilities?	Yes		
Do your agency's maintenance/construction vehicles have automatic vehicle location capabilities?	Yes		
Please describe any additional activities or resources for arterial incident management not addressed in the above questions.			



OPERATIONAL DATA ARCHIVING/STORAGE	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Does your agency have a data archive for operations data?	Yes - RADS server		
What types of information does your data archive collect and store?	-		
Detector information	Yes		
Signal operations	Yes		
DMS activity	Yes		
CCTV images	No		
Service patrol calls	Yes		
Other (please list)			
How does your agency track closures, incidents or planned construction/restrictions?	RCRS		



PHOENIX PUBLIC TRANSIT

FLEET CHARACTERISTICS	Existing	Programmed (Through 2013)	Planned (Not Programmed)
How many transit vehicles are equipped with automated vehicle location capability:			
Fixed route local bus (Includes Express route buses)	792	106	
Fixed route express bus			
Fixed route RAPID bus	56	24	
Regional collectors	55	26	
Demand responsive	186	15	
Light rail			
How many transit vehicles have real-time monitoring of vehicle components (vehicle maintenance checks, door activity):			
Fixed route local bus	792		
Fixed route express bus			
Fixed route RAPID bus	56		
Regional collectors	55		
Demand responsive	186		
Light rail			
How many vehicles have an on-board transit fare collection system:			
Fixed route local bus	792		
Fixed route express bus			
Fixed route RAPID bus	56		
Regional collectors			
Demand responsive	65		
Light rail			
How many vehicles have an on-board passenger counting system:			
Fixed route local bus	126		
Fixed route express bus			
Fixed route RAPID bus	20		
Regional collectors	10		
Demand responsive			
Light rail			
How many vehicles have an on-board security surveillance system:			
Fixed route local bus	792		
Fixed route express bus			
Fixed route RAPID bus	56		
Regional collectors	55		
Demand responsive			
Light rail			



FLEET CHARACTERISTICS	Existing	Programmed (Through 2013)	Planned (Not Programmed)
How many transit stations have security surveillance capabilities:			
Bus	all		
Light rail			
TRAFFIC SIGNAL AND RAMP METER PRIORITY CAPABILITIES	Existing	Programmed (Through 2013)	Planned (Not Programmed)
How many fixed route buses have traffic signal priority capability?	0	25	
How many demand responsive vehicles have traffic signal priority capability?	0	0	
How many fixed route buses have ramp meter signal priority capability?	0	0	
Total number of demand responsive vehicles with ramp meter signal priority capability	0	0	
TRAVELER INFORMATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Please verify the methods your agency uses to disseminate transit routes, schedules, and fare information to the public:			
Television - dedicated channel			
Phone (automated and customer assistance support)	YES		
Website	YES		
Traveler information kiosks	YES		
Variable message signs (on-board)	YES		
511 telephone service	YES		
Mobile/PDA accessible site	NO		
Email alerts	NO		
Please verify the methods your agency uses to disseminate real-time transit schedule adherence or arrival/departure times to the public:			
Television - dedicated channel	NO		
Automated phone system	YES		
Website	YES		
Traveler information kiosks	NO		
Dynamic message boards (on-board, transit station)	YES		
511 telephone service	YES		
Mobile/PDA alert	NO		
Email alerts	NO		
How many transit facilities electronically display automated or dynamic traveler information to the public			
Bus or transfer stations	18		
Park and ride facilities	4		
Light rail			



INTEGRATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Provide a description of your current dispatch/communications center capabilities.			
What agencies do you share transit traveler information with?			
ADOT	511		
MAG			
MCDOT			
Cities - please list			
Other?			
What systems are you connected to?	NONE		
Center-to-Center	NO		
Regional Communications Network	NO		



TOWN OF GILBERT

TRAFFIC SIGNAL MANAGEMENT	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Model and Vendor of your agency's traffic signal/management system:	9/08 we are converting to Siemens I2 System		
Is there a Traffic management/operations center (<i>*Provide address/location</i>)	50 East Civic Center Drive, Gilbert		
How many signalized intersections are operated by your agency:	162	32	30
Connected to the City TMC	86	194	
Not connected to the City TMC	76		
Number of synchronized signalized intersections (<i>*indicate locations</i>)	86	194	
Number of signalized intersections with emergency vehicle signal preemption (<i>*indicate locations</i>)	158	194	
Number of signalized intersections with preemption encryption for sharing with other agencies (<i>*indicate locations</i>)	na		
Number of signalized intersections with signal priority for transit vehicles (<i>*indicate locations</i>)	0		
Number of signalized intersections with signal priority for light rail (<i>*indicate locations</i>)	0		
Number of signalized intersections that are in close proximity to train tracks which have specific timing sequences for train crossings (<i>*indicate locations</i>)	2 Higley & Vest and Power & Pecos		
How many signalized intersections have automated photo red light running enforcement? (<i>*indicate locations</i>)	0		
How many signalized intersections have automated speed enforcement? (<i>*indicate locations</i>)	0		
TRAFFIC MONITORING AND DETECTION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Number of arterial CCTV cameras deployed/owned by your agency (<i>*provide locations</i>)	21	24	30
Number of arterial CCTV cameras in other jurisdictions that your agency can operate (<i>*provide locations</i>)	0		
What type of arterial vehicle detection does your agency use for traffic management purposes:			
Stop bar intersection detection			
Advanced intersection detection			
Mid-block detection			
Vehicle Image Detection			
Other types of detectors - please indicate (i.e., ITIP sensors)			
Arterial corridors that have consecutive intersection detection capabilities along a corridor that are provided by your agency (<i>*attach map of corridor and extent of coverage if available</i>)			
Number of VID (video image detection devices) deployed by your agency? (<i>*provide intersections, indicate if VID covers all 4 intersection directions</i>)	0		
How is arterial detection data being used by your agency?	na		
Real-time operations			



TRAFFIC MONITORING AND DETECTION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Planning purposes			
Use is limited to localized signal operations (presence)			
Other comments on your agency's traffic monitoring/detection capabilities not already addressed in the above questions:			
TRAVELER INFORMATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
How does your agency disseminate traveler information to the public:			
Television - dedicated channel/local cable channel			
Link to local media			
Link to HCRS for dissemination on 511			
Email alerts			
Agency website	X		
Private sector providers (i.e., Traffic.com)			
Other (please describe)			
How many permanent arterial DMS are deployed by your agency? (<i>*provide locations</i>)	2 - Gilbert Rd. north of Williams Field and Gilbert Rd north of Guadalupe		
Can you operate arterial DMS in another jurisdiction? (<i>*provide locations/jurisdiction</i>)	na		
How many portable DMS are owned by your agency for arterial traveler information purposes?	2		
Please verify the types of information displayed on your arterial DMS:			
Travel times			
Incident information			
Construction/work zone information	X		
Emergency/threat alerts			
Special event information	X		
Other (please describe)			
Other comments or activities about traveler information by your agency that are not addressed above:			
AGENCY COORDINATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Which devices/systems do you share control of with other agencies?			
CCTV (identify agency)	na	Chandler and Queen Creek	Mesa
DMS (identify agency)	na	Chandler	
Signal timing plans (view only access) (identify agency)	na	Chandler and Queen Creek	Mesa



AGENCY COORDINATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
What <u>traffic management</u> agencies are you connected with to share information (signal timing plans, video, and DMS messages)?			
ADOT	na		
MCDOT	na		
Cities (please list)	na		
What other departments or agencies are you connected to for information sharing? (May be internal agency network)	na		
Police	na		
Fire	na		
City Emergency Operations Center	na		
Transit	na		
Arizona Department of Emergency Management	na		
Maricopa County Emergency Operations Center	na		
Other (please list)			
What regional systems are you connected to?			
Center-to-Center	na		
Regional Communications Network	na		
Public Safety Video Distribution System	na		
Please describe any additional information/activities about your agency coordination or connectivity status:			
COMMUNICATIONS INFRASTRUCTURE	Existing	Programmed (Through 2013)	Planned (Not Programmed)
How many miles of fiber optic cable infrastructure have been deployed by your agency for traffic management/operations? (*provide map with coverage areas)	19		55
Please verify other types of communications media that are utilized by your agency for traffic operations and management:			
Wireless (<i>identify locations</i>)	over 100 locations		
Leased lines			
Other (please list)			
EVENT MANAGEMENT	Existing	Programmed (Through 2013)	Planned (Not Programmed)
What other agencies do you coordination with for event management purposes:			
ADOT			
Adjacent City (please list)			
Other (please list)			



ARTERIAL INCIDENT MANAGEMENT AND RESPONSE	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Does your agency have an arterial incident response team?	no		
How many vehicles does your agency have as part of the arterial incident response team?	na		
Do your police vehicles within your jurisdiction have automatic vehicle location capabilities?			
Do your agency's maintenance/construction vehicles have automatic vehicle location capabilities?	na		
Do your fire vehicles within your jurisdiction have automatic vehicle location capabilities?			
Please describe any additional activities or resources for arterial incident management not addressed in the above questions.			
OPERATIONAL DATA ARCHIVING/STORAGE	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Does your agency have a data archive for operations data?	no		
What types of information does your data archive collect and store?			
Detector information			
Signal operations			
DMS activity			
CCTV images			
Service patrol calls			
Other (please list)			
How does your agency track closures, incidents or planned construction/restrictions?			



TOWN OF QUEEN CREEK

TRAFFIC SIGNAL MANAGEMENT	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Model and Vendor of your agency's traffic signal/management system:	To be determined		
Is there a Traffic management/operations center (<i>*Provide address/location</i>)			22350 S Ellsworth Rd, Queen Creek, AZ 85242
How many signalized intersections are operated by your agency:			
Connected to the City TMC	0	10	All
Not connected to the City TMC	30		
Number of synchronized signalized intersections (<i>*indicate locations</i>)	10 (time-based) Ellsworth/Queen Creek Rd Ellsworth Loop/Ellsworth Rd (North Connector) Ellsworth Loop/Rittenhouse Rd Ellsworth Loop/Maya Rd Ellsworth Loop/Victoria Ln Ellsworth Loop/Ocotillo Rd Ellsworth Loop/Ellsworth Rd (South Connector) Rittenhouse Rd/QC Marketplace Rittenhouse/Ellsworth Rd Rittenhouse/Cornerstone at QC	11 (via fiber to central) Ellsworth/Queen Creek Rd Ellsworth Loop/Ellsworth Rd (North Connector) Ellsworth Loop/Rittenhouse Rd Ellsworth Loop/Maya Rd Ellsworth Loop/Victoria Ln Ellsworth Loop/Ocotillo Rd Ellsworth Loop/Ellsworth Rd (South Connector) Rittenhouse/QC Marketplace Rittenhouse/Ellsworth Rd Rittenhouse/Cornerstone at QC Ocotillo Rd/Rittenhouse Rd	Most
Number of signalized intersections with emergency vehicle signal preemption (<i>*indicate locations</i>)	25 - All EXCEPT these: Power Rd/Riggs Rd Chandler Hts Rd/Sossaman Rd Ellsworth Rd/Chandler Hts Rd Ellsworth Rd/Cloud Rd Ellsworth Rd/Ocotillo Rd		All
Number of signalized intersections with preemption encryption for sharing with other agencies (<i>*indicate locations</i>)	25 Not sure what this means. We use TOMAR and accept all codes.		
Number of signalized intersections with signal priority for transit vehicles (<i>*indicate locations</i>)	0		
Number of signalized intersections with signal priority for light rail (<i>*indicate locations</i>)	0		
Number of signalized intersections that are in close proximity to train tracks which have specific timing sequences for train crossings (<i>*indicate locations</i>)	2 Ellsworth Rd/Rittenhouse Rd Combs Rd/Rittenhouse Rd		
How many signalized intersections have automated photo red light running enforcement? (<i>*indicate locations</i>)	0		
How many signalized intersections have automated speed enforcement? (<i>*indicate locations</i>)	0		



TRAFFIC MONITORING AND DETECTION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Number of arterial CCTV cameras deployed/owned by your agency <i>(*provide locations)</i>	0	6 Ellsworth Loop Rd/Ellsworth Rd (North Connector) Ellsworth Loop Rd/Rittenhouse Rd Ellsworth Loop Rd/Ocotillo Rd Ellsworth Loop Rd/Ellsworth Rd (South Connector) Rittenhouse Rd/Ellsworth Rd Ocotillo Rd/Rittenhouse Rd	
Number of arterial CCTV cameras in other jurisdictions that your agency can operate <i>(*provide locations)</i>	0	0	
What type of arterial vehicle detection does your agency use for traffic management purposes:			
Stop bar intersection detection	Yes		
Advanced intersection detection	select locations		
Mid-block detection	No		
Vehicle Image Detection	Yes		
Other types of detectors - please indicate (i.e., ITIP sensors)	Loops at some temp signals Microwave on portable signals		
Arterial corridors that have consecutive intersection detection capabilities along a corridor that are provided by your agency <i>(*attach map of corridor and extent of coverage if available)</i>	N/A		
Number of VID (video image detection devices) deployed by your agency? <i>(*provide intersections, indicate if VID covers all 4 intersection directions)</i>	VIDS at all intersections, all approaches EXCEPT: Power Rd/Riggs Rd - VIDS stopline, loops advance Chandler Hts Rd/Sossaman Rd - portable, microwave only Ellsworth Rd/Chandler Hts Rd - portable, no detection working, in recall Ellsworth Rd/Cloud Rd - portable microwave only Rittenhouse Rd/Combs Rd - 3 approaches have VIDS, EB has loops		
How is arterial detection data being used by your agency?			
Real-time operations			
Planning purposes			
Use is limited to localized signal operations (presence)	X		
Other comments on your agency's traffic monitoring/detection capabilities not already addressed in the above questions:			



TRAVELER INFORMATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
How does your agency disseminate traveler information to the public:			
Television - dedicated channel/local cable channel			
Link to local media			
Link to HCRS for dissemination on 511			
Email alerts	No real-time. Planned restrictions for upcoming week and unplanned major road closures are posted to web and emailed to media and public lists		
Agency website	No real-time. Planned restrictions for upcoming week and unplanned major road closures are posted to web and emailed to media and public lists		
Private sector providers (i.e., Traffic.com)			
Other (please describe)			
How many permanent arterial DMS are deployed by your agency? (*provide locations)	0		
Can you operate arterial DMS in another jurisdiction? (*provide locations/jurisdiction)	No		
How many portable DMS are owned by your agency for arterial traveler information purposes?	3 for various purposes		
Please verify the types of information displayed on your arterial DMS:			
Travel times			
Incident information	X		
Construction/work zone information	X		
Emergency/threat alerts			
Special event information	X		
Other (please describe)	occasionally used as driver feedback speed signs		
Other comments or activities about traveler information by your agency that are not addressed above:			
AGENCY COORDINATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Which devices/systems do you share control of with other agencies?	N/A		
CCTV (identify agency)			
DMS (identify agency)			
Signal timing plans (view only access) (identify agency)			
What <u>traffic management</u> agencies are you connected with to share information (signal timing plans, video, and DMS messages)?	N/A		
ADOT			
MCDOT			
Cities (please list)			
What other departments or agencies are you connected to for information sharing? (May be internal agency network)	N/A		
Police			



AGENCY COORDINATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Fire			
City Emergency Operations Center			
Transit			
Arizona Department of Emergency Management			
Maricopa County Emergency Operations Center			
Other (please list)			
What regional systems are you connected to?	N/A		
Center-to-Center			
Regional Communications Network			
Public Safety Video Distribution System			
Please describe any additional information/activities about your agency coordination or connectivity status:			
COMMUNICATIONS INFRASTRUCTURE	Existing	Programmed (Through 2013)	Planned (Not Programmed)
How many miles of fiber optic cable infrastructure have been deployed by your agency for traffic management/operations? (*provide map with coverage areas)	0	-3.5	
Please verify other types of communications media that are utilized by your agency for traffic operations and management:	N/A		
Wireless (<i>identify locations</i>)			
Leased lines			
Other (please list)			
EVENT MANAGEMENT	Existing	Programmed (Through 2013)	Planned (Not Programmed)
What other agencies do you coordination with for event management purposes:	N/A		
ADOT			
Adjacent City (please list)			
Other (please list)			
ARTERIAL INCIDENT MANAGEMENT AND RESPONSE	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Does your agency have an arterial incident response team?	Traffic Engineering staff handles this, but not as part of a dedicated program/team.		
How many vehicles does your agency have as part of the arterial incident response team?	2		
Do your police vehicles within your jurisdiction have automatic vehicle location capabilities?	No		
Do your agency's maintenance/construction vehicles have automatic vehicle location capabilities?	No		
Do your fire vehicles within your jurisdiction have automatic vehicle location capabilities?	Yes		



OPERATIONAL DATA ARCHIVING/STORAGE	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Does your agency have a data archive for operations data?	No		
What types of information does your data archive collect and store?			
Detector information			
Signal operations			
DMS activity			
CCTV images			
Service patrol calls			
Other (please list)			
How does your agency track closures, incidents or planned construction/restrictions?	Yes		



TOWN OF YOUNGTOWN

TRAFFIC SIGNAL MANAGEMENT	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Model and Vendor of your agency's traffic signal/management system:	Not Applicable		
Is there a Traffic management/operations center (<i>*Provide address/location</i>)	No	None	None
How many signalized intersections are operated by your agency:	0	0	0
Connected to the City TMC	0	0	0
Not connected to the City TMC	0	0	0
Number of synchronized signalized intersections (<i>*indicate locations</i>)	0	0	0
Number of signalized intersections with emergency vehicle signal preemption (<i>*indicate locations</i>)	0	0	0
Number of signalized intersections with preemption encryption for sharing with other agencies (<i>*indicate locations</i>)	0	0	0
Number of signalized intersections with signal priority for transit vehicles (<i>*indicate locations</i>)	0	0	0
Number of signalized intersections with signal priority for light rail (<i>*indicate locations</i>)	0	0	0
Number of signalized intersections that are in close proximity to train tracks which have specific timing sequences for train crossings (<i>*indicate locations</i>)	0	0	0
How many signalized intersections have automated photo red light running enforcement? (<i>*indicate locations</i>)	0	0	0
How many signalized intersections have automated speed enforcement? (<i>*indicate locations</i>)	0	0	0
TRAFFIC MONITORING AND DETECTION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Number of arterial CCTV cameras deployed/owned by your agency (<i>*provide locations</i>)	0	0	0
Number of arterial CCTV cameras in other jurisdictions that your agency can operate (<i>*provide locations</i>)	0	0	0
What type of arterial vehicle detection does your agency use for traffic management purposes:			
Stop bar intersection detection	0	0	0
Advanced intersection detection	0	0	0
Mid-block detection	0	0	0
Vehicle Image Detection	0	0	0
Other types of detectors - please indicate (i.e., ITIP sensors)	0	0	0
Arterial corridors that have consecutive intersection detection capabilities along a corridor that are provided by your agency (<i>*attach map of corridor and extent of coverage if available</i>)	0	0	0
Number of VID (video image detection devices) deployed by your agency? (<i>*provide intersections, indicate if VID covers all 4 intersection directions</i>)	0	0	0
How is arterial detection data being used by your agency?			
Real-time operations	0	0	0
Planning purposes	0	0	0
Use is limited to localized signal operations (presence)	0	0	0



TRAVELER INFORMATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
How does your agency disseminate traveler information to the public:			
Television - dedicated channel/local cable channel	No	None	None
Link to local media	No	None	None
Link to HCRS for dissemination on 511	No	None	None
Email alerts	No	None	None
Agency website	No	No	Yes
Private sector providers (i.e., Traffic.com)	No	None	None
Other (please describe)	N/A		
How many permanent arterial DMS are deployed by your agency? (*provide locations)	0	0	0
Can you operate arterial DMS in another jurisdiction? (*provide locations/jurisdiction)	No	No	No
How many portable DMS are owned by your agency for arterial traveler information purposes?	None	None	None
Please verify the types of information displayed on your arterial DMS:			
Travel times	N/A	N/A	N/A
Incident information	N/A	N/A	N/A
Construction/work zone information	N/A	N/A	N/A
Emergency/threat alerts	N/A	N/A	N/A
Special event information	N/A	N/A	N/A
Other (please describe)			
Other comments or activities about traveler information by your agency that are not addressed above:			
AGENCY COORDINATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Which devices/systems do you share control of with other agencies?			
CCTV (identify agency)	N/A	N/A	N/A
DMS (identify agency)	N/A	N/A	N/A
Signal timing plans (view only access) (identify agency)	N/A	N/A	N/A
What traffic management agencies are you connected with to share information (signal timing plans, video, and DMS messages)?	N/A	N/A	N/A
ADOT	N/A	N/A	N/A
MCDOT	N/A	N/A	N/A
Cities (please list)	N/A	N/A	N/A
What other departments or agencies are you connected to for information sharing? (May be internal agency network)	N/A	N/A	N/A
Police	N/A	N/A	N/A
Fire	N/A	N/A	N/A
City Emergency Operations Center	N/A	N/A	N/A
Transit	N/A	N/A	N/A



AGENCY COORDINATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Arizona Department of Emergency Management	N/A	N/A	N/A
Maricopa County Emergency Operations Center	N/A	N/A	N/A
Other (please list)			
What regional systems are you connected to?	N/A	N/A	N/A
Center-to-Center	N/A	N/A	N/A
Regional Communications Network	N/A	N/A	N/A
Public Safety Video Distribution System	N/A	N/A	N/A
Please describe any additional information/activities about your agency coordination or connectivity status:			
COMMUNICATIONS INFRASTRUCTURE	Existing	Programmed (Through 2013)	Planned (Not Programmed)
How many miles of fiber optic cable infrastructure have been deployed by your agency for traffic management/operations? (*provide map with coverage areas)			
Please verify other types of communications media that are utilized by your agency for traffic operations and management:			
Wireless (<i>identify locations</i>)	N/A	N/A	N/A
Leased lines	N/A	N/A	N/A
Other (please list)	N/A	N/A	N/A
EVENT MANAGEMENT	Existing	Programmed (Through 2013)	Planned (Not Programmed)
What other agencies do you coordination with for event management purposes:	N/A	N/A	N/A
ADOT	N/A	N/A	N/A
Adjacent City (please list)			
Other (please list)			
ARTERIAL INCIDENT MANAGEMENT AND RESPONSE	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Does your agency have an arterial incident response team?	N/A	N/A	N/A
How many vehicles does your agency have as part of the arterial incident response team?	N/A	N/A	N/A
Do your police vehicles within your jurisdiction have automatic vehicle location capabilities?	No	No	No
Do your agency's maintenance/construction vehicles have automatic vehicle location capabilities?	No	No	No
Do your fire vehicles within your jurisdiction have automatic vehicle location capabilities?	N/A	N/A	N/A
Please describe any additional activities or resources for arterial incident management not addressed in the above questions.			



OPERATIONAL DATA ARCHIVING/STORAGE	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Does your agency have a data archive for operations data?	N/A	N/A	N/A
What types of information does your data archive collect and store?			
Detector information	N/A	N/A	N/A
Signal operations	N/A	N/A	N/A
DMS activity	N/A	N/A	N/A
CCTV images	N/A	N/A	N/A
Service patrol calls	N/A	N/A	N/A
Other (please list)			
How does your agency track closures, incidents or planned construction/restrictions?			



VALLEY METRO

FLEET CHARACTERISTICS	Existing	Programmed (Through 2013)	Planned (Not Programmed)
How many transit vehicles are equipped with automated vehicle location capability:			
Fixed route local bus			
Fixed route express bus			
Fixed route RAPID bus			
Regional collectors			
Demand responsive			
Light rail	50	50	
How many transit vehicles have real-time monitoring of vehicle components (vehicle maintenance checks, door activity):			
Fixed route local bus			
Fixed route express bus			
Fixed route RAPID bus			
Regional collectors			
Demand responsive			
Light rail	50	50	
How many vehicles have an on-board transit fare collection system:			
Fixed route local bus			
Fixed route express bus			
Fixed route RAPID bus			
Regional collectors			
Demand responsive			
Light rail	NA	NA	
How many vehicles have an on-board passenger counting system:			
Fixed route local bus			
Fixed route express bus			
Fixed route RAPID bus			
Regional collectors			
Demand responsive			
Light rail	50	50	
How many vehicles have an on-board security surveillance system:			
Fixed route local bus			
Fixed route express bus			
Fixed route RAPID bus			
Regional collectors			
Demand responsive			
Light rail	50	50	



FLEET CHARACTERISTICS	Existing	Programmed (Through 2013)	Planned (Not Programmed)
How many transit stations have security surveillance capabilities:			
Bus			
Light rail	32	35	
TRAFFIC SIGNAL AND RAMP METER PRIORITY CAPABILITIES	Existing	Programmed (Through 2013)	Planned (Not Programmed)
How many fixed route buses have traffic signal priority capability?			
How many demand responsive vehicles have traffic signal priority capability?			
How many fixed route buses have ramp meter signal priority capability?			
Total number of demand responsive vehicles with ramp meter signal priority capability			
TRAVELER INFORMATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Please verify the methods your agency uses to disseminate transit routes, schedules, and fare information to the public:			
Television - dedicated channel			
Phone (automated and customer assistance support)	Y	Y	
Website			
Traveler information kiosks			
Variable message signs (on-board)			Y
511 telephone service			
Mobile/PDA accessible site			
Email alerts			
Please verify the methods your agency uses to disseminate real-time transit schedule adherence or arrival/departure times to the public:			
Television - dedicated channel			
Automated phone system			
Website			
Traveler information kiosks			
Dynamic message boards (on-board, transit station)	Y	Y	
511 telephone service			
Mobile/PDA alert			
Email alerts			
How many transit facilities electronically display automated or dynamic traveler information to the public			
Bus or transfer stations			
Park and ride facilities			
Light rail	32	35	



INTEGRATION	Existing	Programmed (Through 2013)	Planned (Not Programmed)
Provide a description of your current dispatch/communications center capabilities.	CCTV (up to 300 cams, 5TB DVR, IP/Ethernet network , up to 100 dynamic signs and PA system)		
What agencies do you share transit traveler information with?	not connected		in planning
ADOT			
MAG			
MCDOT			
Cities - please list			
Other?			
What systems are you connected to?			
Center-to-Center			
Regional Communications Network			