

December 19, 2013

TO: Members of the MAG Transportation Safety Committee

FROM: Renate Ehm, City of Mesa, Chair

SUBJECT: SPECIAL MEETING NOTIFICATION AND TRANSMITTAL OF TENTATIVE AGENDA

Tuesday, January 7, 2014 10:00 a.m.
MAG Office Building, 2nd Floor, Ironwood Room
302 North First Avenue, Phoenix

A special meeting of the MAG Transportation Safety Committee will be held at the time and place noted above. Committee members or their proxies may attend **in person, via videoconference or by telephone conference call**. Those attending video conference must notify the MAG site three business days prior to the meeting. Those attending by telephone conference call please contact MAG offices for conference call instructions.

Please park in the garage under the MAG building, bring your ticket, parking will be validated. For those using transit, Valley Metro/RPTA will provide transit tickets for your trip. For those using bicycles, please lock your bicycle in the bike rack in the garage.

In 1996, the Regional Council approved a simple majority quorum for all MAG advisory committees. If the Transportation Safety Committee does not meet the quorum requirement, members who have arrived at the meeting will be instructed a legal meeting cannot occur and subsequently be dismissed. Your attendance at the meeting is strongly encouraged.

Pursuant to Title II of the Americans with Disabilities Act (ADA), MAG does not discriminate on the basis of disability in admissions to or participation in its public meetings. Persons with a disability may request a reasonable accommodation, such as a sign language interpreter, by contacting Jason Stephens at the MAG office. Requests should be made as early as possible to allow time to arrange the accommodation.

If you have any questions regarding the meeting, please contact Sarath Joshua at (602) 254-6300.

TENTATIVE AGENDA

1. Call To Order

For the January 7, 2014 meeting, the quorum requirement is 11 committee members.

COMMITTEE ACTION REQUESTED

2. Approval of November 19, 2013 Meeting Minutes

3. Call to Audience

An opportunity will be provided to members of the public to address the Transportation Safety Committee on items not scheduled on the agenda that fall under the jurisdiction of MAG, or on items on the agenda for discussion but not for action. Members of the public will be requested not to exceed a three minute time period for their comments. A total of 15 minutes will be provided for the Call to the Audience agenda item, unless members request an exception to this limit. Please note that those wishing to comment on action agenda items will be given an opportunity at the time the item is heard.

4. Program Managers Report

The following items will be addressed:

- Strategic Transportation Safety Plan
- New safety projects in the FY 2015 MAG Work Program
- New MAG staff introduction

5. MAG Road Safety Assessments (RSA)

In response to the call for RSA and PA projects, a total of twelve (12) applications were received from six (6) local agencies for performing one corridor and eight (8) intersection RSAs and three (3) PAs. A total of \$446,322 is available in the FY2014 MAG Work Program for performing RSAs and PAs. (Through June 30, 2014). This includes a balance of \$146,322 carried over from FY2013. **The committee needs to generate a recommendation that includes a prioritized list of the RSA and PA projects.** This list should also include a RSA project in the City of Avondale that was deferred to FY2014 from the previous cycle.

2. Review and approve minutes of the meeting held on November 19, 2013.

3. For information.

4. For information and discussion.

5. For information, discussion and possible action to recommend a prioritized list of sites for performing RSAs and PAs, including the RSA for City of Avondale approved for FY2013.

The typical cost of a RSA or PA is about \$30,000. Selected projects will be assigned to qualified consulting firms that have been selected by MAG to provide on-call consulting services in the area of transportation safety. The list of projects submitted local public agencies is included as Attachment One.

6. TIP Amendment for HSIP Projects Currently Programmed in Multiple Fiscal Years

In 2010 FHWA released the 2009 Edition of the MUTCD which included new standards for maintaining minimum pavement marking retroreflectivity. To address these new requirements some projects have been requested and programmed with MAG-HSIP funds. During the project development process at ADOT, it was realized that one project in the Town of Buckeye for a striping maintenance program in FY 2011 does not have adequate funds for implementation. Concurrently, a FY2014 HSIP project in the City of Chandler was determined ineligible through the FHWA/ADOT review process. The City of Chandler has been notified and the project will be removed from the TIP. This will make available \$76,808 in HSIP funding in the MAG TIP, part of which can be made available to meet the Buckeye project shortfall in the amount of \$4,725. In addition, the FY2014-17 HSIP projects will be added to the TIP. These changes require an administrative change to the TIP and are included as Attachment Two. Those projects still under review for HSIP eligibility are noted as "contingent on ADOT/FHWA eligibility".

7. Reports by Committee Members on Transportation Safety Activities

Members will be requested to report agency activities or current issues that are related to transportation safety.

8. Request for Future Agenda Items

Members will be provided the opportunity to suggest future agenda topics.

6. For information and discussion and possible action to recommend approval of : (1) The addition of \$4,725 in HSIP funds to the Buckeye project in FY 2011 HSIP; (2) Addition of all safety projects, that have so far been approved for HSIP funds, to the current MAG TIP.

7. For information and discussion.

8. For information and discussion.

9. Next Meeting

The next step in developing the MAG Strategic Transportation Safety Plan will include a four hour workshop on Predictive Road Safety Analysis to be held on January 28, 2014 in the MAG Ironwood Room. The next regular scheduled Transportation Safety Committee meeting is scheduled to be held on Tuesday March 25, 2014 at 9:30 a.m in the MAG Ironwood Room.

Adjournment

9. For information and discussion.

MINUTES OF
MARICOPA ASSOCIATION OF GOVERNMENTS
TRANSPORTATION SAFETY COMMITTEE

November 19, 2013
Maricopa Association of Governments
Ironwood Room, Suite 200
302 N. 1st Ave,
Phoenix, AZ 85003

MEMBERS ATTENDING

Michael Duhamel for Linda Gorman,
AAA Arizona
Tom Burch, AARP
Kohinoor Kar, ADOT
Shane Kiesow, City of Apache Junction
Dana Chamberlin, City of Avondale
+Thomas Chlebanowski, Town of Buckeye
*Martin Johnson, City of Chandler
Jeff Eavenson for Lt. Jenna Mitchell,
Arizona Department of Public Safety
*Jorge Gastelum, City of El Mirage
*Kelly LaRosa, FHWA
Erik Guderian for Mike Gillespie,
Town of Gilbert
+Chris Lemka, City of Glendale

Alberto Gutier, GOHS
+Hugh Bigalk, City of Goodyear
Mazen Muradvich for Nicolaas Swart,
Maricopa County
Renate Ehm (Chair), City of Mesa
*Jeremy Knapp, Town of Paradise Valley
+Mannar Tamirisa for Jamal Rahimi,
City of Peoria
Kerry Wilcoxon, City of Phoenix
George Williams, City of Scottsdale
+Nuning Lemka for Jason Mahkovtz,
City of Surprise
Julian Dresang, City of Tempe
Gardner Tabon, RPTA

OTHERS PRESENT

Sarath Joshua, MAG
Kiran Guntupalli, MAG
Margaret Boone, MAG
Maria Deeb, City of Mesa
Sean Messner, URS
Shanthi Krishnan, Jacobs Engineering
Ray Yparragarri, KHA
Mike Cynecki, Lee Engineering
BriAnne Turpin, Baker
+Dave Gu, City of Litchfield Park

Doug McCants, Atkins
Mike Blankenship, AMEC
Yung Koproowski, Lee Engineering
Mike Kuzel, 4M Safety
Russ Moore, Parsons
Patrick Stone, ADOT
Mike Manthey, Parsons
Anissa Janovich, Valley Metro
Chelsea Erickson, MCDPH

+ Teleconference
Videoconference
* Not present

1. Call to Order
Chair Renate Ehm called the meeting to order at 9:31 a.m.
2. Approval of October 22, 2013 Meeting Minutes
Chair Renate Ehm called for a motion to approve the October 22, 2013 minutes. Julian Dresang moved, Shane Kiesow seconded and the motion passed unanimously.
3. Call to Audience
Chair Renate Ehm made a call to the audience providing an opportunity to members of the public to address the Transportation Safety Committee. None requested.
4. Program Manager's Report
 - MAG Strategic Transportation Safety Plan
 - Technical Memorandum #2 on the STSP website
 - TSSG Meeting 10:30 a.m. (immediately after TSC)
 - Overview of MAG Action Areas established at the Visioning Workshop 9/24
 - Ranking of strategies and countermeasures
 - Meeting materials, agenda, outcomes (Tech Memo #3)
 - Posted to website by 11/20/2013
 - Comments to mboone@azmag.gov by 12/20/2013
 - Arizona State SHSP
 - Safety Summit – November 6th, 2013
 - MAG provided a booth to share information on STSP, RTSIMS and other MAG activities
 - Recommendations of the Ten SHSP Task Forces were made available for all Safety Summit participants to prioritize
 - The results will be reviewed by the SHSP Executive Committee
 - Next Steps
 - MAG Work Program
 - Projects in previous work programs:
 - Road Safety Assessments
 - Non-Engineering Road Safety Countermeasures Study
 - Strategic Transportation Safety Plan:
 - Possible Programs for FY2014
 - Development of Best Practices to address Left Turn Crashes
 - Update the school crossing guard training video – *Guardians of the Future*
 - 2014 Meeting Schedule
 - Meeting dates shown in Attachment One
 - One error – Tuesday July 22, 2014 (shown as 23rd in error)
 - RTSIMS Documentation Scope
 - RTSIMS Development Background
 - Documentation of development
 - Detailed steps of development
 - Guidance for providing support to users
 - Process for requests documentation
 - More comprehensive User's Manual

- Overview
- “Getting Started”
- Detailed Tutorial
- Guide to running queries, graphics, reports, etc.

5. MAG Transportation Alternatives Non-Infrastructure Program

Sarath Joshua provided background on the previous USDOT legislation under which the Safe Routes to Schools program was administered by ADOT but that under MAP-21 the Safe Routes to Schools and Recreational Trails programs were combined into the Transportation Alternatives Program. Margaret Boone presented the discussion previously held by the working group regarding the Goals and Objectives, evaluation criteria, type of projects, review of the draft non-infrastructure application, and the program schedule. Ms. Boone then went through the draft application and what will be required pointing out that only local agencies apply for the non-infrastructure programs and asked that the committee review the draft goals and objectives and qualitative and quantitative criteria in reference to the in order to complete the application. Sarath Joshua noted that similar to the infrastructure TA program, crash data will also be required and that MAG staff will be available to provide this information through the RTSIMS application for local agencies that do not have this capability. Maria Deeb asked if there are no crashes in the immediate vicinity of the school if a quarter mile would be sufficient. Ms. Boone stated that it would and that the boundary for crash data should be thought of in terms of the walking/biking boundary of the school. Ms. Boone answered a question by a committee member regarding how much funding is available stating that there is \$400,000 for each program year. Ms. Boone then pointed out the working groups list of possible Safe Routes to Schools Programs under the MAP-21 eligible activities which was developed in order to narrow the types projects that would be beneficial to schools in the region, such as hiring a consultant to develop a Safe Routes to School Study and provide the school walking maps. Patrick Stone from ADOT mentioned that this program is a matching program and that local agencies would have to work out how to incorporate that into the project. Sarath Joshua asked if there is a soft match or in-kind match accepted. Patrick Stone verified that any City staff working with the school that could be used for the local match but that the agency would have to specify what their intentions are for ADOT to determine the eligibility of that activity as a match. Mr. Stone also noted that that there is an ADOT review fee of \$2000 and Ms. Boone stated that this amount would be incorporated into the cost estimate sheet of the application. Sarath asked if there is a maximum amount that will be accepted for each application. Ms. Boone noted that to be consistent with what was established in the past that a maximum of \$45,000 could be accepted. Maria Deeb asked if there would be an additional review fee for purchases. Patrick Stone stated that non-infrastructure projects are mostly procurement and that the \$2000 fee already includes that review for procurement projects. Ms. Boone then went over the schedule for the call for projects, including January 9, 2014 as the day the workshop to be held as well as the applications to be made available, the due date for the completed applications to be submitted to MAG February 9, 2014, the evaluation schedule for the TSC, and the anticipated approval by the MAG Regional Council in April of 2014. Ms. Boone requested feedback from the committee on all the application materials by December 6, 2013.

6. FY2014 RSA Call for Projects

Sarath Joshua presented the committee with information on the RSA call for projects which will include Project Assessments for up to 15% design. Mr. Joshua provided a description of the projects, guidance, and what will be required for each the RSA and PA applications. Margaret Boone went through the draft application noting that the requirements were developed in order to keep with the original intent of the RSA program to address crashes at high risk locations. Ms. Boone provided the tentative schedule for the program including the call for projects to include the November 20th call for projects, applications due on December 18th, evaluation by the TSC and MAG approvals, and the schedule for development of RSAs and PAs to be completed prior to the end of the fiscal year on June 30, 2014. Ms. Boone described the new application for both RSAs and PAs and information that will be required for both including scheduling the project around closure events, input from adjacent local agencies, and where the nominated location places on the MAG Top 100 list of High Crash Locations. Mr. Joshua noted that the RSAs are a basic investigation of high risk locations which produces a report provided to the local agency with recommendations based on that investigation. Local agencies may implement the recommendations with local money or they may want to seek federal funding to make the improvements. In order move the project forward it is necessary to further investigate the recommendations with a project assessment. Funding and development of PAs can be done with the understanding that MAG or your agency has done an RSA or some study at the site to be used as a basis for the PA. Maria Deeb asked if PA will be in the ADOT approved format. Mr. Joshua answered that the PA will produce a document that would be approved by ADOT. Ms. Boone mentioned that MAG has been in contact with ADOT for coordination of the correct format and scope acceptable by ADOT. Mr. Joshua reminded the committee that the intersection crash ranking used was reviewed and approved by the TSC using the three factors; frequency, a weighted severity factor, and crash type as shown in the three factor rank. The final rank includes the fourth factor ranking, crash rate. MAG does not have the volume information for all 17,000 crash locations therefore the four factor rank was used to provide the final rank applied to the Top 100 crash risk locations. Mr. Joshua also noted that the Avondale RSA from the last cycle will be placed in the task order list for this cycle due to a construction project previously scheduled at that location and will still need to be conducted as recommended by the committee.

7. Reports by Committee Members

Chair Renate Ehm requested reports on safety activities in the MAG region from committee members. Jeff Eavenson from DPS noted that traffic safety details and monthly safety commute details will continue through the MAG region. Kohinoor Kar reported that there were approximately 300 attendees at the SHSP Safety Summit in November and that a participant survey showed 97% attendees who completed the survey better understood the SHSP and their role in participation. The next steps for the executive committee are to review the outcome of the summit in December, and that the next round of Task Force meetings to be held in January and February of 2014. Mr. Kar also announced ADOTs new RSA manager as Richard Weeks. Mannar Tamirisa reported that the City of Peoria is completing their 2011 HSIP project.

8. Request for Future Agenda Items

Chair Renate Ehm asked for requests for future agenda items. None requested.

9. Next Meeting

Chair Renate Ehm stated that the next meeting scheduled is for January 7th at 10: a.m. to review RSA applications, January 28th will be the Predictive Safety Analysis Workshop as part of the development of the Strategic Transportation Safety Plan, and the next regular meeting will be held on Tuesday March 25, 2014.

10. Adjournment

Chair Renate Ehm adjourned the meeting at 10:53 a.m.

Summary of Road Safety Assessment/Project Assessment Applications 2014

	Agency	MAG 3-Factor Rank	Intersection Cross Streets	Crash History (2010-2012)			Project Type	Estimated RSA/PA Cost	Received	Notes
				Fatal Crashes	Injury Crashes	All Crashes				
1	Avondale	756	Dysart Rd & Van Buren Rd.	0	15	66	RSA	\$ 30,000	Dec-12	This project was evaluated by the TSC and approved by RC in the 2013 cycle. This RSA was deferred to 2014.
2	Avondale	1965	Rancho Santa Fe Boulevard & Dysart Rd.	0	2	23	PA	\$ 30,000	Dec-13	Incomplete Application. Additional information due by 12/31/2013 in order to be considered for Committee action.
3	Gilbert	37	Val Vista Drive Elliot Road	1	4	59	RSA	\$ 30,000	Dec-13	Application Complete
4	Glendale	11	59th Avenue & Thunderbird Road	0	5	84	RSA	\$ 30,000	Dec-13	Application Complete
5	Glendale	10	67th Avenue & Glendale Avenue	0	4	50	RSA	\$ 30,000	Dec-13	Application Complete
6	Guadalupe	2673	Avenida del Yaqui from Baseline to Mineral Road	0	6	57	RSA	\$ 50,000	Dec-13	Application Complete
7	Phoenix	8	Thomas Road & 67th Avenue	0	5	118	PA	\$ 30,000	Dec-13	Application Complete
8	Phoenix	24	Baseline Road & 51st Avenue	0	6	92	RSA	\$ 30,000	Dec-13	Application Complete
9	Phoenix	17	Greenway Road & 32nd Street	2	1	99	RSA	\$ 30,000	Dec-13	Application Complete
10	Phoenix	23	Indian School Road & 19th Avenue	1	3	88	RSA	\$ 30,000	Dec-13	Application Complete
11	Phoenix	6	McDowell Road & 44th Street	1	2	113	RSA	\$ 30,000	Dec-13	Application Complete
12	Phoenix	27	Thunderbird Road & I-17 Interchange	0	4	150	RSA	\$ 30,000	Dec-13	Application Complete
13	Tempe	2	Rural Road and Southern Avenue	1	7	118	PA	\$ 30,000	Dec-13	Application Complete

Estimated Total Cost **\$410,000**

Available Funds **\$446,322**

Table D. HSIP Project Changes to the Fiscal Year 2011-2015 MAG Transportation Improvement Program

12/17/2013

HIGHWAY			Project Location	Project Description	Work Year	Est. Date Open	Length (miles)	Lanes Before	Lanes After	Fund Type	Local Cost	Federal Cost	Regional Cost	Total Cost	Requested Change
TIP #	Agency	MAG ID													
AVN14-108	Avondale	--	Avondale (Citywide)	Preliminary Engineering for Sign Management System and Sign Upgrade	2014	Jun-18	--	--	--	HSIP-MAG	\$ -	\$ 115,000	\$ -	\$ 115,000	Amend: New TIP listing based on HSIP call-for-projects.
AVN15-102	Avondale	--	Avondale (Citywide)	Procure and Install Sign Management System and Sign Upgrade	2015	Jun-18	--	--	--	HSIP-MAG	\$ -	\$ 222,000	\$ -	\$ 222,000	Amend: New TIP listing based on HSIP call-for-projects.
AVN16-410	Avondale	--	Avondale (Citywide)	Procure and Install Sign Management System and Sign Upgrade	2016	Jun-18	--	--	--	HSIP-MAG	\$ -	\$ 207,000	\$ -	\$ 207,000	Amend: New TIP listing based on HSIP call-for-projects.
AVN17-470	Avondale	--	Avondale (Citywide)	Procure and Install Sign Management System and Sign Upgrade	2017	Jun-18	--	--	--	HSIP-MAG	\$ -	\$ 216,000	\$ -	\$ 216,000	Amend: New TIP listing based on HSIP call-for-projects.
AVN14-410	Avondale	--	McDowell Road and Dysart Road (4 intersections)	Design Accessible Pedestrian Signal	2014	Jun-17	--	--	--	HSIP-MAG	\$ -	\$ 45,000	\$ -	\$ 45,000	Amend: New TIP listing based on HSIP call-for-projects. Project contingent on ADOT/FHWA eligibility.
AVN16-412	Avondale	--	McDowell Road and Dysart Road (4 intersections)	Construct Accessible Pedestrian Signal	2016	Jun-17	--	--	--	HSIP-MAG	\$ -	\$ 149,904	\$ -	\$ 149,904	Amend: New TIP listing based on HSIP call-for-projects. Project contingent on ADOT/FHWA eligibility.
AVN15-409	Avondale	--	Avondale (Citywide)	Design Strategic Transportation Safety Plan	2015	Jun-16	--	--	--	HSIP-MAG	\$ 7,607	\$ 125,851	\$ -	\$ 133,458	Amend: New TIP listing based on HSIP call-for-projects. Project contingent on ADOT/FHWA eligibility.
AVN15-410	Avondale	--	McDowell Road at Dysart Road	Design Intersection Safety Improvements	2015	Jun-16	--	--	--	HSIP-MAG	\$ 14,250	\$ 235,750	\$ -	\$ 250,000	Amend: New TIP listing based on HSIP call-for-projects. Project contingent on ADOT/FHWA eligibility.
AVN14-109	Avondale	--	Avondale (Citywide)	Preliminary Engineering for Pedestrian Countdown Signals	2014	Jun-16	--	--	--	HSIP-MAG	\$ -	\$ 15,000	\$ -	\$ 15,000	Amend: New TIP listing based on HSIP call-for-projects
AVN15-103	Avondale	--	Avondale (Citywide)	Construct Pedestrian Countdown Signals	2015	Jun-16	--	--	--	HSIP-MAG	\$ -	\$ 135,840	\$ -	\$ 135,840	Amend: New TIP listing based on HSIP call-for-projects
BKY11-109C2	Buckeye	--	Watson and Southern Avenue	Painted Channelization of Roads	2014	Jun-14	--	--	--	HSIP-MAG	\$ -	\$ 4,725	\$ -	\$ 4,725	Amend: New TIP listing based on HSIP call-for-projects. Add additional funding to current underway project (BKY11-109). Total project cost now \$25,900.
BKY14-402	Buckeye	--	Buckeye (Citywide)	Study and Design Sign Management System and Sign Upgrade	2014	Jun-16	--	--	--	HSIP-MAG	\$ -	\$ 220,500	\$ -	\$ 220,500	Amend: New TIP listing based on HSIP call-for-projects
BKY14-403	Buckeye	--	Buckeye (Citywide)	Procure and Install Sign Management System and Sign Upgrade	2015	Jun-16	--	--	--	HSIP-MAG	\$ -	\$ 167,400	\$ -	\$ 167,400	Amend: New TIP listing based on HSIP call-for-projects

Changes to the TIP in red
Changes since TRC are tinted in yellow

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12/17/2013

HIGHWAY			Project Location	Project Description	Work Year	Est. Date Open	Length (miles)	Lanes Before	Lanes After	Fund Type	Local Cost	Federal Cost	Regional Cost	Total Cost	Requested Change
TIP #	Agency	MAG ID													
CHN14-107	Chandler	--	Various Locations - Citywide	Illuminated Street Name Sign Upgrade to Clearview font	2014	Jun-15	--	--	--	HSIP-MAG	\$ -	\$ 76,808	\$ -	\$ 76,808	Amend: Delete TIP listing. Project determined ineligible by ADOT on 12/12/2013.
CHN14-111	Chandler	--	Multi-Agency Area (Chandler, Mesa, Avondale, Peoria, Phoenix, Tempe, Fountain Hills, Scottsdale)	Crash Analysis Software Upgrade - Procurement	2014	Jun-15	--	--	--	HSIP-MAG	\$ 13,110	\$ 216,890	\$ -	\$ 230,000	Amend: New TIP listing based on HSIP call-for-projects
FTH14-103	Fountain Hills	--	Fountain Hills (Citywide)	Preliminary Engineering for Arterial Street STOP Sign Upgrade	2014	Oct-15	--	--	--	HSIP-MAG	\$ -	\$ 15,000	\$ -	\$ 15,000	Amend: New TIP listing based on HSIP call-for-projects
FTH15-101	Fountain Hills	--	Fountain Hills (Townwide)	Procure and Install Arterial Street STOP Sign Upgrade	2015	Oct-15	--	--	--	HSIP-MAG	\$ -	\$ 31,800	\$ -	\$ 31,800	Amend: New TIP listing based on HSIP call-for-projects
FTN11-105	Fountain Hills	24947	Various Locations - Townwide	Pedestrian Countdown Signals	2011	Jun-13	--	--	--	HSIP-MAG	\$ -	\$ 10,000	\$ -	\$ 10,000	Amend: Scope modification based on ADOT eligibility. Removed impact attenuators and reduced total cost by \$46,800 from \$56,800 to \$10,000.
GLN14-104	Glendale	--	59th Avenue and Olive Avenue	Design Intersection Safety Improvements	2014	Oct-18	--	--	--	HSIP-MAG	\$ 53,974	\$ 347,026	\$ -	\$ 401,000	Amend: New TIP listing based on HSIP call-for-projects. Project contingent on ADOT/FHWA eligibility.
GLN17-402	Glendale	--	59th Avenue and Olive Avenue	Construct Intersection Safety Improvements	2017	Oct-18	--	--	--	HSIP-MAG	\$ 252,582	\$ 1,591,818	\$ -	\$ 1,844,400	Amend: New TIP listing based on HSIP call-for-projects. Project contingent on ADOT/FHWA eligibility.
GLN14-105	Glendale	--	Glendale (Citywide)	Preliminary Engineering for Sign Management System of Local Roads and Sign Upgrade	2014	Jun-16	--	--	--	HSIP-MAG	\$ -	\$ 245,000	\$ -	\$ 245,000	Amend: New TIP listing based on HSIP call-for-projects.
GLN15-101	Glendale	--	Glendale (Citywide)	Procure and Install Sign Management System of Local Roads and Sign Upgrade	2015	Jun-16	--	--	--	HSIP-MAG	\$ -	\$ 120,000	\$ -	\$ 120,000	Amend: New TIP listing based on HSIP call-for-projects.
GLN15-401	Glendale	--	Northern Parkway	Design Median Cable Barrier	2015	Jun-17	--	--	--	HSIP-MAG	\$ 6,840	\$ 113,160	\$ -	\$ 120,000	Amend: New TIP listing based on HSIP call-for-projects. Project contingent on ADOT/FHWA eligibility.
GLN16-406	Glendale	--	Northern Parkway	Construct Median Cable Barrier	2016	Jun-17	--	--	--	HSIP-MAG	\$ 27,360	\$ 452,640	\$ -	\$ 480,000	Amend: New TIP listing based on HSIP call-for-projects. Project contingent on ADOT/FHWA eligibility.
GDY14-102	Goodyear	--	Goodyear (Citywide)	Preliminary Engineering for Sign Management System and Sign Upgrade	2014	Jun-17	--	--	--	HSIP-MAG	\$ -	\$ 180,000	\$ -	\$ 180,000	Amend: New TIP listing based on HSIP call-for-projects.

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12/17/2013

HIGHWAY			Project Location	Project Description	Work Year	Est. Date Open	Length (miles)	Lanes Before	Lanes After	Fund Type	Local Cost	Federal Cost	Regional Cost	Total Cost	Requested Change
TIP #	Agency	MAG ID													
GDY16-406	Goodyear	--	Goodyear (Citywide)	Procure and Install Sign Management System and Sign Upgrade	2016	Jun-17	--	--	--	HSIP-MAG	\$ -	\$ 75,000	\$ -	\$ 75,000	Amend: New TIP listing based on HSIP call-for-projects.
MAR15-470	Maricopa	--	Maricopa (Citywide)	Preliminary Engineering for Sign Management System and Sign Upgrade	2015	Jun-17	--	--	--	HSIP-MAG	\$ -	\$ 188,500	\$ -	\$ 188,500	Amend: New TIP listing based on HSIP call-for-projects.
MAR16-470	Maricopa	--	Maricopa (Citywide)	Procure and Install Sign Management System and Sign Upgrade	2016	Jun-17	--	--	--	HSIP-MAG	\$ -	\$ 241,800	\$ -	\$ 241,800	Amend: New TIP listing based on HSIP call-for-projects.
PVY15-101	Paradise Valley	--	Paradise Valley (Townwide)	Preliminary Engineering for Sign Management System and Sign Upgrade	2015	Jun-16	--	--	--	HSIP-MAG	\$ -	\$ 30,000	\$ -	\$ 30,000	Amend: New TIP listing based on HSIP call-for-projects.
PVY16-401	Paradise Valley	--	Paradise Valley (Townwide)	Procure and Install Sign Management System and Sign Upgrade	2016	Jun-17	--	--	--	HSIP-MAG	\$ -	\$ 190,234	\$ -	\$ 190,234	Amend: New TIP listing based on HSIP call-for-projects.
SCT12-102C2	Scottsdale	39514	Hayden and Thomas	Construct Intersection Improvement	2016	Jun-16	--	--	--	HSIP-MAG	\$ 19,611	\$ 324,440	\$ -	\$ 344,051	Amend: New TIP listing based on HSIP call-for-projects. Project added to existing HSIP-AZ project (SCT12-102). Total project cost now \$6,044,051. Project contingent on ADOT/FHWA eligibility.
TMP10-620C2	Tempe	9367	Broadway Road Improvements: Rural to Mill including intersections	Preliminary Engineering of Roadway Safety Improvements	2014	Jun-16	--	--	--	HSIP-MAG	\$ 28,290	\$ 1,710	\$ -	\$ 30,000	Amend: New TIP listing based on HSIP call-for-projects. Add MAG-HSIP funding to existing CMAQ project in the amount of \$30,000. Total project cost is now \$5,849,400. Project contingent on ADOT/FHWA eligibility.
TMP10-620C3	Tempe	9367	Broadway Road Improvements: Rural to Mill including intersections	Procure and Install Roadway Safety Improvements	2015	Jun-16	--	--	--	HSIP-MAG	\$ 637,317	\$ 38,523	\$ -	\$ 675,840	Amend: New TIP listing based on HSIP call-for-projects. Add MAG-HSIP funding to existing CMAQ project in the amount of \$30,000. Total project cost is now \$5,849,400. Project contingent on ADOT/FHWA eligibility.

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