

November 30, 2011

TO: Members of the MAG Transportation Review Committee

FROM: David Moody, City of Peoria, Chair

SUBJECT: MEETING NOTIFICATION AND TRANSMITTAL OF TENTATIVE AGENDA

Thursday, December 8, 2011, 10:00 a.m.  
MAG Office, Suite 200, Saguaro Room  
302 North 1st Avenue, Phoenix

A meeting of the MAG Transportation Review Committee (TRC) will be held at the time and place noted above. **Please park in the garage under the building. Bring your ticket to the meeting as parking will be validated. Bicycles can be locked in the rack at the entrance to the parking garage.**

The next meeting of the MAG Transportation Review 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.

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 Christina Hopes or Jason Stephens at the MAG Office. Requests should be made as early as possible to allow time to arrange the accommodation.

Please be advised that under procedures adopted by the MAG Regional Council on June 26, 1996, all MAG committees need to have a quorum in order to conduct business. A quorum is a simple majority of the membership or fourteen people for the MAG TRC. If the Transportation Review 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. If you are unable to attend the meeting, please make arrangements for a proxy from your jurisdiction to represent you. Please contact Eric Anderson or Christina Hopes at (602) 254-6300 if you have any questions or need additional information.

## TENTATIVE AGENDA

	COMMITTEE ACTION REQUESTED
1. <u>Call to Order</u>	
2. <u>Approval of Draft October 27, 2011 Minutes</u>	2. Approve Draft minutes of the October 27, 2011 meeting.
3. <u>Call to the Audience</u>  An opportunity will be provided to members of the public to address the Transportation Review 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. Citizens 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 the Transportation Review Committee requests an exception to this limit.	3. For information and discussion.
4. <u>Transportation Director's Report</u>  Recent transportation planning activities and upcoming agenda items for the MAG Management Committee will be reviewed by the Transportation Director.	4. For information and discussion.
5. <u>Consent Agenda</u>  Consent items are marked with an asterisk (*). Committee members may request that an item be removed from the consent agenda to be heard.	5. Recommend approval of the Consent Agenda.

## CONSENT AGENDA

5a.* <u>ADOT Red Letter Process*</u>  In June of 1996, the MAG Regional Council approved the Arizona Department of Transportation (ADOT) Red Letter process, which requires MAG member agencies to notify ADOT of potential development activities in freeway	5a.* For information.
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alignments. Development activities include actions on plans, zoning and permits. ADOT has forwarded a list of notifications from January 1, 2011 to June 30, 2011. Please refer to the materials in Attachment One.

5b.\* Transportation Review Committee 2012 Committee Tentative Meeting Schedule\*

The Transportation Review Committee tentative meeting schedule for 2012 has been developed. Please refer to Attachment Two.

5b.\* For approval.

ITEMS TO BE HEARD

6. Project Changes – Amendment and Administrative Modification to the FY 2011-2015 MAG Transportation Improvement Program\*

The Fiscal Year (FY) 2011-2015 Transportation Improvement Program (TIP) and Regional Transportation Plan (RTP) 2010 Update were approved by the MAG Regional Council on July 28, 2010 and have been modified nine times with the last modification approved by Regional Council on October 26, 2011. Since then, there is a need to modify projects in the programs. Please refer to Attachment Three for a list of proposed project changes.

7. Recommendation of Projects for FY 2012 Traffic Signal Optimization Program (TSOP)

On October 17, 2011, a request for new projects for the FY2012 Traffic Signal Optimization Program (TSOP) was announced. A new feature of the program will be the performance of before-and-after evaluations of projects. The budget available for FY2012 TSOP projects is \$430,000, including an estimated balance of \$30,000 carried over

6. For information, discussion and recommendation to approve of amendments and administrative modifications to the FY 2011-2015 MAG TIP, and as appropriate, to the RTP 2010 Update.

7. For information, discussion and possible action to recommend the list of FY2012 TSOP projects, before-and-after project evaluations and a regional training workshop on SYNCHRO software.

from the FY2011. A total of seven project applications were received that would lead to improved traffic operations at 127 traffic signals in seven affected jurisdictions. The applications also identified the need for training 15 individuals on SYNCHRO, a traffic signal timing software used by local agencies. On November 27, 2011, the MAG ITS Committee reviewed all applications and recommended all seven proposed TSOP projects and also funding for the regional SYNCHRO training workshop. The committee also recommended before-and-after evaluations for all projects. The total estimated cost for these projects is estimated at \$247,740. A second call for projects may be needed to utilize all available TSOP funds. All TSOP projects will be carried out using MAG on-call consultants. Please refer to Attachment Four for a listing of TSOP projects recommended for funding by the ITS Committee.

8. High Occupancy Vehicle (HOV) Lane Ramps at Loop 101 and Maryland Avenue

In July 2010, the Regional Council approved a \$9 million increase in the budget to construct High Occupancy Vehicle (HOV) lanes on Loop 101 from Tatum Boulevard to the junction with Interstate-10 in the West Valley so that the freeway in the vicinity of the Maryland Avenue overpass could be widened to accommodate the future construction of ramps that would provide direct access to the L101 HOV lanes from Maryland Avenue. As part of the MAG Regional Council action, the ramp connections were included in the MAG Regional Transportation Plan as an illustrative project. The HOV lane project is almost completed, and the final component of the project is to construct the ramp connections from the overpass to the L101 HOV lanes. Glendale has identified about \$8.0 million that is in the Statewide

8. For information, discussion and Recommend the approval a new project to add HOV direct connection ramps at the L101 and Maryland Avenue for an estimated cost of \$14.5 million, that the remaining uncommitted funds in the Statewide Transportation Acceleration Needs Account (STAN) for the MAG region, estimated to be approximately \$8.0 million, be allocated to this project with the MAG Freeway / Highway program paying for the balance of the costs up to \$7.5 million, and that the FY 2010-2014 MAG Transportation Improvement Program and the Regional Transportation Plan 2010 Update be amended, pending a finding of air quality conformity.

Transportation Acceleration Needs Account (STAN) for the MAG region that they are proposing to use to pay for a portion of the project. Glendale is proposing that the balance of the regional funding of up to \$7.5 million be used to cover the remaining cost of the project. Please refer to Attachment Five for additional information.

9. Implementation of MAG Federal Fund Projects Development Status Report

The MAG Federal Fund Programming Guidelines & Procedures approved by Regional Council on October 26, 2011 outline the requirements for local agencies to submit project status information on the development of their federal funded projects. The Project Development Status Workbook was sent to member agencies and required the completion of a project development schedule; affirmation of the project's work phases, scope, and schedule; and allowed agencies to request project changes, as necessary. In receiving the information from local agencies, MAG encountered problems in developing the first Status Report. These include: project information not provided in a timely manner, incomplete project information, project timelines that are unreasonable, source of local funding not identified or not committed, confirming project changes with schedules and costs, etc. MAG Staff would like input from the Committee on how to move forward with these challenges and produce a valuable report that can aid in making programming decisions. The key to good programming and to ensure maximum obligation of federal funds is having good project information. Without good project information an accurate assessment of the status of projects cannot be made, and the region could potentially lose up to \$50 million in unobligated federal funds for the current fiscal year.

9. For information and discussion.

10. Preliminary Work Transportation Program Ideas for the FY 2013 Unified Planning Work Program

MAG Staff will provide a presentation on the preliminary ideas for the transportation division for the MAG FY 2013 Unified Planning Work Program (UPWP). This item will give members of the MAG Transportation Review Committee an opportunity to provide input, comments and suggestions for projects that are to be proposed for inclusion and funding for the MAG FY 2013 UPWP.

11. Request for Future Agenda Items

Topics or issues of interest that the Transportation Review Committee would like to have considered for discussion at a future meeting will be requested.

12. Member Agency Update

This section of the Agenda will provide Committee members with an opportunity to share information regarding a variety of transportation-related issues within their respective communities.

14. Next Meeting Date

The next regular Transportation Review Committee meeting will be scheduled Thursday, January 26, 2012 at 10:00 a.m. in the MAG Office, Saguaro Room.

10. For information, discussion, and input.

11. For information and discussion.

12. For information.

13. For information.

DRAFT MINUTES OF THE  
MARICOPA ASSOCIATION OF GOVERNMENTS  
TRANSPORTATION REVIEW COMMITTEE

October 27, 2011

Maricopa Association of Governments Office  
302 North First Avenue, Suite 200, Saguaro Room  
Phoenix, Arizona

MEMBERS ATTENDING

Peoria: David Moody, Chair	Litchfield Park: Paul Ward for Woody Scoutten
Scottsdale: David Meinhart, Vice-Chair	Maricopa County: John Hauskins
ADOT: Robert Samour for Floyd Roehrich	Mesa: Jeff Martin for Scott Butler
Avondale: David Fitzhugh	*Paradise Valley: Bill Mead
Buckeye: Scott Lowe	Phoenix: Rick Naimark
Chandler: Dan Cook for Patrice Kraus	Queen Creek: Tom Condit
El Mirage: Lance Calvert	RPTA: Bob Antilla for Bryan Jungwirth
Fountain Hills: Randy Harrel	*Surprise: Bob Beckley
*Gila Bend: Eric Fitzer	Tempe: Chad Heinrich
*Gila River: Doug Torres	Valley Metro Rail: John Farry
Gilbert: Tami Ryall	*Wickenburg: Rick Austin
Glendale: Terry Johnson	Youngtown: Grant Anderson for Lloyce Robinson
Goodyear: Cato Esquivel	
*Guadalupe: Gino Turrubiarres	

EX-OFFICIO MEMBERS ATTENDING

Street Committee:	Bicycle/Pedestrian Committee: Katherine Coles, City of Phoenix
* ITS Committee: Nicolaas Swart, Maricopa County	*Transportation Safety Committee: Julian Dresang, City of Tempe

\* Members neither present nor represented by proxy.   + - Attended by Videoconference  
# - Attended by Audioconference

OTHERS PRESENT

Eric Anderson, MAG	Andy Granger, Peoria
Christina Hopes, MAG	Mike Sabatini, Michael Baker
Roger Herzog, MAG	Robert Reiss, Gannett Fleming Inc.
Nathan Pryor, MAG	Art Brooks, Strand Assoc.
Steve Tate, MAG	Ashleigh Hope, MCDOT
Eileen Yazzie, MAG	Nicole Patrick, MCDOT
Jenna Goad, Glendale	

1. Call to Order

Chairman David Moody from the City of Peoria called the meeting to order at 10:01 a.m.

2. Approval of Draft September 22, 2011 Minutes

Chairman Moody asked if there were any changes or amendments to the September 22, 2011 meeting minutes, and there were none. Mr. Grant Anderson from Town of Youngtown motioned to approve the minutes. Mr. David Fitzhugh from the City of Avondale seconded, and the motion passed by a unanimous voice vote of the Committee.

3. Call to the Audience

Chairman Moody announced that he had not received any cards requesting to speak and moved on to the next item on the agenda.

4. Transportation Director's Report

Chairman Moody invited Mr. Eric Anderson from MAG to provide the Transportation Director's Report. Mr. Anderson announced that Interstate 11 (I-11) had been selected by the Brookings Institute as one of fifteen transformative investments in the United States. He stated the Mr. Bob Hazlett, MAG Senior Engineer, had been invited to a national conference in Colorado to discuss I-11 on a transformative investment panel. Mr. Anderson explained that these investments were projects that could transform the economic landscape of the country.

Mr. Anderson announced that the previous evening, the Regional Council had adopted the MAG Federal Fund Guidelines and Procedures. He stated the Ms. Yazzie, MAG Transportation Planning Project Manager, would address the implementation of the guidelines later in the meeting.

Next, Mr. Anderson discussed the tour of the Salt Lake City transit system hosted by the Utah Transit Authority. Mr. Anderson stated the 40 individuals including elected officials and staff had attended the tour. He reported that the elected officials in Utah concurred on what transit meant to the region and how the jurisdictions had integrated transit into their communities.

Moving on, Mr. Anderson updated the Committee on revenue collections. He stated that revenue collections for the Highway User Revenue Fund (HURF) were half a percent lower than the previous year. He added that year-to-date HURF revenues were similar to last year. Mr. Anderson stated that Regional Area Road Fund (RARF) revenues were up 8.4 percent for the first three months of Fiscal Year (FY) 2012. He reported that September RARF revenues were up 10.9 percent, which was the largest increase to occur for several months.

Chairman Moody inquired if there were any questions or comments. There were none, and he proceeded to the next item on the agenda.

5. Consent Agenda

Addressing the next item of business, Chairman Moody directed the Committee's attention to the consent agenda. He asked the Committee if there were any questions or comments regarding consent agenda item 5a on the Arterial Life Cycle Program Status Report. There were none. Mr. John Hauskins from Maricopa County motioned to approve the consent agenda. Mr. David Meinhart from the City of Scottsdale seconded, and the motion passed with a unanimous voice vote of the Committee.

6. Fiscal Year 2012 - 2014 MAG Highway Safety Improvement Program Projects

Chairman Moody invited Mr. Sarath Joshua, MAG ITS and Safety Program Manager, to present on the Fiscal Year (FY) 2012 -2014 Highway Safety Improvement Program (HSIP) Projects. Mr. Joshua discussed the allocation and distribution of HSIP funds in Arizona. He stated that MAG receives \$1 million per year to fund qualified improvements in the region. Mr. Joshua stated that qualifying projects were determined by guidelines and requirements established by the Federal Highway Administration (FHWA) and the Arizona Department of Transportation (ADOT).

Mr. Joshua announced that 29 projects had received HSIP funds in 2010 and 2011. He stated that a portion of the FY2011 funds also were being used to perform Road Safety Assessments (RSAs) at 23 intersections in the region. He noted that the RSAs currently were underway.

Mr. Joshua announced that ADOT set aside 70 percent of the HSIP funds allocated to the state for large scale safety improvements. He reported that since 2010, ADOT had provided an additional \$42 million in HSIP funds for improvements in the region.

Mr. Joshua informed the Committee that strict standards had been established for HSIP projects. He stated that MAG Staff and the Transportation Safety Committee (TSC) coordinated with FHWA and ADOT to ensure that recommended projects were eligible for HSIP funds.

Next, Mr. Joshua announced that the TSC had recommending projects to be programmed in FY 2012, 2013, and 2014. He stated that the recommendation to program three fiscal years was in response to a request from ADOT to help expedite the implementation of HSIP projects. Mr. Joshua informed the Committee that a call for projects had been issued on August 31, 2011. He stated that 23 applications from 12 member agencies had been submitted. He reported that the applications included requests for safety improvements, such as:

- pedestrian countdown signals;
- street name sign upgrades to clearview font;
- large traffic signal heads (8" to 12" LED);
- traffic signals with preemption for emergency vehicles; and,
- sign inventory management systems.

Mr. Joshua reported that on October 4, 2011, the TSC recommended to allocate HSIP funds to 38 projects. He stated the recommendation including allocating the HSIP funds as follows:

- FY 2012: \$1,015,443 for 13 projects at 11 agencies
- FY 2013: \$1,000,000 for 13 projects at 10 agencies
- FY 2014: \$1,000,000 12 projects at 9 agencies

Mr. Joshua noted that ADOT would provide the additional \$15,443 needed for FY 2012. Chairman Moody inquired if there were any questions or comments about the agenda item.

Mr. Paul Ward from the City of Litchfield Park motioned to recommend allocating the HSIP funding the Fiscal Year 2012 - 2014 safety improvement projects as described in Attachment Two. Mr. Rick Naimark from the City of Phoenix seconded, and the motion passed with a unanimous voice vote of the Committee.

## 7. Implementation of the Federal Fund Programming Guidelines

Next, Chairman Moody invited Ms. Eileen Yazzie, MAG Transportation Planning Project Manager, to present on the implementation of the Federal Fund Programming Guidelines (Guidelines). Ms. Yazzie directed the Committee's attention to the attachments for the agenda item. She encouraged the Committee to provide input on the strategies to implement the Guidelines. Ms. Yazzie acknowledged that Guidelines approved by the Regional Council the previous evening could not be implemented automatically because the project development process for federally funded project typically required five-years.

Ms. Yazzie reported that the memorandum in the agenda packet addressed project implementation based on the fiscal year programmed. She stated that the proposed implementation approach included a 'clean slate' for currently programmed projects. She explained that under the 'clean slate' approach, previous deferrals would not be counted against projects.

Chairman Moody inquired about the rationale behind the 'clean slate' approach citing pressure from FHWA and ADOT to shore up the MAG Federal Fund Program. Ms. Yazzie acknowledge the pressure from FHWA and ADOT. She explained that the 'clean slate' approach was being considered at this point because the Guidelines were new to region. She added that MAG could begin implementing the Guidelines as-is immediately if the Committee desired.

Ms. Tami Ryall from the Town of Gilbert inquired about the average length of the environmental process at ADOT for the member agencies in attendance. Mr. Robert Samour from ADOT stated that he was unsure of the average length of time for the environmental process at ADOT, but assumed it would be approximately six months to a year. He noted that projects that disturb the ground would have a longer environmental review process than pavement preservation projects. Mr. John Hauskins from Maricopa County stated that the

typical review period for County projects was between 12 to 24 months. Ms. Ryall noted that the average period for the Town was about 22 months. A brief discussion followed.

Ms. Yazzie informed the Committee that the Guidelines included a deferral exception for ADOT processing delays. She explained that project sponsors would not be penalized for deferrals if the delay was caused by an ADOT hold up.

Mr. Eric Anderson addressed the update of the ADOT Local Governments Manual. He stated that the draft exceeded 350 pages. He equated the draft to a desk manual as opposed to a users guide. Mr. Anderson stated that a simplified version of the draft was needed. He added that MAG would continue to coordinate with ADOT on revisions to the draft that included a more user-friendly version.

Mr. Hauskins suggested that ADOT develop a quick reference guide similar to software development companies. Mr. Anderson agreed and added that MAG had been encouraging ADOT to use more electronic guides and materials.

Mr. Chad Heinrich from the City of Tempe inquired if deferral decisions would be heard by the Transportation Review Committee (TRC). Ms. Yazzie replied that deferral requests would occur semi-annually when status reports were heard through the MAG Committee process. Mr. Heinrich inquired if documentation of previous issues would be required under the 'clean slate' approach. Ms. Yazzie replied the previous deferrals would be acknowledged, but would not be held against a project under the 'clean slate' approach. A brief discussion followed.

Ms. Yazzie stated that project deletion appeals would be presented to the MAG Regional Council for approval. She explained that during the review of the programming process of peer Metropolitan Planning Organizations (MPOs) and Councils of Government (COGs), many peer organizations required appeals to be presented and approved by the Regional Councils.

Ms. Yazzie directed the Committee's attention to page two, which included a detailed programming schedule. She stated that in December, MAG Staff would present the first status report to the Committee. She stated that the first report would provide an update on 93 projects funded with Congestion Mitigation and Air Quality (CMAQ) funds programmed in the first two years of the Transportation Improvement Program (TIP). She stated that at this time, the status report would not address other federal funds project such as those funded with Highway Safety Improvement Program (HSIP) or Transportation Enhancement (TEA) funds.

Mr. Grant Anderson from the Town of Youngtown commented that the MAG Street Committee was a committee without function. He suggested that the MAG Street Committee should review the project status reports instead of the TRC.

Mr. Ed Stillings from the Federal Highway Administration (FHWA) explained that concerns about federal fund deferrals began when MAG Member Agencies requested to defer more than \$35 million in one fiscal year. He commended the efforts of Ms. Yazzie and her staff to reduce the number of deferrals occurring in the region and acknowledged that project schedules would shift for a variety of reasons due to the numerous components.

Mr. Stillings commented on the lack of funding at ADOT. He stated that historically ADOT had been able to absorb local agency deferrals, but that ADOT could no longer continue the practice due to a lack of funding. He emphasized that if the region did not obligate the federal funds programmed, then the region would lose those funds. Mr. Stillings stated that when deferrals occurred, FHWA would conduct a fiscal constraint analysis to determine what projects could be advanced. He emphasized the need for a zero sum balance to avoid losing federal funds.

Ms. Yazzie reported that the current TIP window was Fiscal Year 2011 to 2015. She stated that MAG had not programmed specific projects for FY2015. She explained this was a management decision to address the deferral problem. She added that if the region continued to request deferrals, then programming FY2015 funds would not be required because the deferred projects would use those funds. She emphasized the need for fiscal constraint in the program.

Mr. David Meinhart from the City of Scottsdale stated that it appeared that region was making progress on the deferral issue. He stated that a transition period was logical and expressed support for the 'clean slate' approach. He noted that when deferrals occurred that MAG and the member agency needed to reprogram the project in the appropriate year.

Mr. Paul Ward from the City of Litchfield Park stated that the updated Local Government Manual would help reduce project deferrals. He noted that the situation at ADOT had not changed substantially over past several years citing the limited number of reviewer in the Local Governments Section. He inquired about the potential for hiring personnel dedicated to reviewing projects in the MAG region. Mr. Eric Anderson stated that MAG had discussed the possibility with ADOT in the past. He stated that he thought the staffing issue at ADOT had been resolved adding that MAG could discuss the issue with ADOT again. He noted that staffing was not the sole issue at ADOT causing the delay in project reviews.

Mr. Samour reported that several organizational changes had occurred at ADOT. He noted that Jennifer Toth was the new State Engineer and that Floyd Roehrich was now in charge of the Multimodal Planning Division. He stated that Ms. Toth was reviewing the organizational structure to determine if additional changes were needed. He reported that as part of that review, ADOT was trying to determine if the review of MAG projects should be moved from the Local Governments Section to the Valley Projects Group.

Ms. Ryall commented that the two major processing bottlenecks for non-self certified agencies was environmental and planning, specifications, and estimates (PS&E). She stated that moving reviews to Valley Projects would not alleviate those bottlenecks. She explained that 100 percent of PSE was never 100 percent because agencies would encounter multiple revisions after plans were approved at 100 percent. A brief discussion followed.

Mr. Terry Johnson from the City of Glendale inquired if a Joint Project Agreement (JPA) would be required before obligation could occur. Ms. Yazzie replied that based on the initial review of the updated Local Governments Manual that a JPA would be required before obligation. Mr.

Johnson noted that requiring the JPA to be signed before the obligation could occur would add another six months to the project schedule.

Ms. Yazzie reported that MAG Staff was in the process of reviewing and commenting on the updated Local Governments Manual. She stated that MAG had emphasized the need for a detailed and comprehensive flow chart with estimated start and completion times. She stated the current and draft Manual do not clearly identify when the JPA process should be initiated.

Chairman Moody inquired if there were any additional comments or questions at this point in the presentation. There were none, and Ms. Yazzie continued with her presentation. Ms. Yazzie informed the Committee that the Federal Fund Closeout process would still apply; however, it would occur during the June/July. Ms. Yazzie stated that at the December meeting, the Committee would establish the priorities for closeout. She noted that after the current fiscal year that the Committee would establish programming priorities in June for the following fiscal year.

Ms. Yazzie stated that in the Guidelines, advancements of federally funded projects would be subject to the same requirements as currently programmed projects. She explained that advancements would be taken on a case by case basis this year because the milestones established in the Guidelines were not in place last year.

Next, Ms. Yazzie discussed project changes. She stated that MAG would allow project changes at this time. She stated that once a change was approved that the project would be subject the Guidelines. She encouraged the Committee to make the programming changes needed.

Ms. Yazzie inquired if the Committee had any additional comments or input about the implementation of the Guidelines. Chairman Moody inquired if Ms. Yazzie would like the input at a follow-up meeting or via email. Ms. Yazzie replied that she was soliciting input at the current Committee meeting.

Mr. Dan Cook from the City of Chandler noted that the process had taken a lot of thought and effort. He stated that MAG Staff and the Federal Fund Work Group had done very well in developing a program that would put the region in the right direction. He thanked MAG Staff for their efforts. Chairman Moody concurred.

Ms. Yazzie acknowledged Mr. Grant Anderson's comment about having the MAG Street Committee review the status reports. She stated that in December, the TRC would review the status reports adding that once that review occurred modifications to review process could be made if warranted.

Mr. Johnson requested clarification on the approach towards federally funded projects programmed in FY2012. Ms. Yazzie stated the FY2012 projects had a 'clean slate.'

Mr. Lance Calvert from the City of El Mirage commented on the impact that staffing changes and reorganizations had on the project development process. He stated that it would be good for agencies to track local projects by federal fiscal year as well as jurisdictional fiscal year to

ensure that issues did not arise. He noted the uncertainty at the federal level in terms of funding allocations. He encouraged the stewardship of projects by ADOT, FHWA or another entity to ensure that important projects did not get dropped from the program due to organizational changes and issues.

Ms. Yazzie acknowledged Mr. Calvert's comments. She stated that the semi-annual status report would serve as a continuous evaluation of project to catch those projects falling off the charts. She noted that the Guidelines were similar to the Arterial Life Cycle Program Policies and Procedures, which are revisited as necessary when a policy/procedure was not working.

Mr. Grant Anderson praised Ms. Yazzie and MAG for their efforts. Chairman Moody inquired if there were additional questions or comments about the agenda item. There were none, and he proceeded to the next item on the agenda.

#### 8. Update on MAG Freight Transportation Framework Study

Moving on, Chairman Moody invited Mr. Tim Strow, MAG Transportation Planner III, to provide an update on the MAG Freight Transportation Framework Study. Mr. Strow informed the Committee that the Freight Transportation Framework Study (Study) was a Joint Planning Advisory Council project managed by MAG and that included Maricopa, Pinal and Pima counties. He reported that the Study was initiated in January 2011 and was expected to be complete in July 2012. He stated that the goal of the Study was to identify and develop freight related economic development opportunities.

Mr. Strow announced that Phase One of the Study, which included a shipper and carrier survey and commodity flow analysis, was underway. He stated that MAG had conducted an internet survey of 2,500 firms across the United States to determine how freight flows in the region. Mr. Strow reported a response rate of two percent. He stated that the average response rate was seven percent, and that the low response rate indicated that many surveyed did not have an economic interest in the MAG Region.

Mr. Strow stated that additional interviews in person or by telephone were conducted with 25 shippers and transportation service providers with operations in the Sun Corridor, to discuss existing infrastructure, needed infrastructure improvements, and border security. He reported that the survey results indicated that transportation costs, highway capacity, and land availability, solid workforce and legislation were the strengths for Sun Corridor compared to Southern California. He noted that the respondents indicated that they would ship to Mexico from China due to the lower cost. He stated that respondents expressed concerns about bottlenecks experienced between Phoenix and Tucson as well as congestion in downtown Phoenix.

Next, Mr. Strow displayed maps illustrating the results of the commodity flow analysis. He explained that the data showed that a premium is paid to ship goods to the Phoenix metro area from major North American manufacturing and transportation hubs, such as Southern California

or Chicago. He noted that the average rate of a shipment by truck from Southern California to Phoenix was \$721.

Mr. Strow showed the next map of the average rate to ship exports. He reported that the average rate from Southern California to the Sun Corridor was about \$721 whereas, the average rate to ship from the Sun Corridor to Southern California is about \$401. He explained that the figures indicated the region was a major consumption area. Mr. Strow indicated there was an opportunity for suppliers to locate to the Sun Corridor area, create jobs and put goods on the outbound trucks at a good rate.

Mr. Strow stated that much of the west-east commodity flow in the United States was passing through Arizona. He explained that the region could benefit from the creation of trucking support services. He noted that early study results showed that a greater focus on the north-south commodity flow from Mexico was needed.

Mr. Strow stated that the next steps include conducting a low level commodity flow forecast, identifying key infrastructure improvements, such as Interstate 11 and the South Mountain Freeway, and their impacts, and working with the Arizona Mexico Commission on border opportunities.

Chairman Moody inquired if there were any questions or comments. Mr. Eric Anderson stated that MAG Economic Development Committee (EDC) had been focusing on the border issues, such as travel delays at the border crossings that were impacting freight operations. He explained that at times these delays last several hours and that the backups can be for several miles. He attributed the limited hours of operations at the commercial border crossings for a portion of the delay. Mr. Anderson stated that Texas was aggressive with their border crossings, which operated non-stop unlike the Arizona crossings, which are open from 8 a.m. to 5 p.m.

Mr. Jeff Martin from the City of Mesa inquired how the region would address these issues and how the Study fit with the region's vision for the next 20-years. He questioned what the region's goals were and encouraged a visioning process for the region. Mr. Martin stated that he did not think the region had a cohesive vision, which was needed to address transportation needs.

Mr. Eric Anderson stated that a tremendous amount of freight traveled through Arizona between California to Texas. He explained that there were opportunities for value-added services in the region. He informed the Committee that there was evidence of a shift in manufacturing from the Pacific Rim back to North America. He stated that the shift was based on several factors that included fuel costs, shipping and travel time, and quality control issues. Mr. Anderson explained that Mexico would be a key location for the shift in activities. He stated that challenge for the region would be how to accommodate the increased freight movement and how to take advantage of the current and future freight opportunities. A brief discussion followed.

Chairman Moody inquired if there were any additional questions or comments on the presentation. There were none, and he continued to the next item on the agenda.

9. Request for Future Agenda Items

Chairman Moody inquired if the members had any topics or issues of interest they would like to have considered for discussion at a future Committee meeting. Mr. Chad Heinrich from the City of Tempe requested a debrief of the Salt Lake City Utah trip that reviewed how the regional players in Utah interacted as well as a discussion of activities in the MAG region. Mr. Ward mentioned that a debrief of the Utah trip had been presented to the MAG Transportation Policy Committee meeting earlier in the month.

Mr. Meinhart inquired about the status of the Proposition 400 performance audit and request a presentation on the audit results. Mr. Eric Anderson replied that MAG had received a confidential draft of the report for review before the exit conference on November 9, 2011. He stated that after the exit conference, the Arizona Auditor General would need to review the results. Mr. Anderson stated that a presentation on the audit findings would like occur in December 2011 or January 2012 at the earliest.

Mr. Stillings announced that City of Tucson was conducting a visioning process called Imagine a Greater Tucson. He stated that process was very detailed and included public meetings and focus groups. Mr. Stillings suggested that MAG may want to invite a member from PAG to present on the process if entities in the MAG region were interested in initiating a new visioning process.

There were none, and Chairman Moody moved onto the next agenda item.

10. Member Agency Update

Chairman Moody inquired if the member agencies had any updates for the benefit of the Committee.

Mr. Hauskins announced that next Friday, the County Engineer's Regional Meeting would be held in Laughlin. He stated that at the meeting the members would discuss strategies to address budget and staff reductions. He inquired if the Committee would be interested in receiving materials regarding the presentation. Several members expressed interest in receiving materials.

Mr. Meinhart announced that City of Scottsdale had reached the gold level by the League of American Bicyclists. He stated that the City would official receive the award next week. He added that Scottsdale was the second city in Arizona and the first in the MAG Region to be achieve the gold level. Ms. Katherine Coles stated that City of Phoenix received an honorable mention from League of American Bicyclists. She noted this was the first year that Phoenix had applied for the award.

11. Next Meeting Date

Moving on, Chairman Moody informed members in attendance that the next regularly scheduled meeting of the Committee would be held on Thursday December 8, 2011, at MAG. There be no further business, Chairman Moody adjourned the meeting at 11:30 a.m.



**ADOT**  
 Janice K. Brewer  
*Governor*  
 John S. Halikowski  
*Director*

**Arizona Department of Transportation  
 Intermodal Transportation Division**

206 South Seventeenth Avenue Phoenix, Arizona 85007-3213

Floyd Roehrich Jr.  
*State Engineer*

August 5, 2011

Mr. Dennis Smith  
 Executive Director  
 Maricopa Association of Governments  
 302 North First Avenue, Suite 300  
 Phoenix, Arizona 85003

Re: Red Letter Report - Notices from January 1, 2011 to June 30, 2011

Dear Mr. Smith:

The Red Letter process is notification by local Public Agencies to ADOT of potential development plans within a quarter mile of established or proposed project corridors. Receipt of early notification in the planning and design process helps to reduce costs, saving money for both ADOT and tax payers. This update is provided for information on the number of notices received within the stated period of time.

Below is the list of "Red Letter" notices received by the ADOT Right of Way Project Management Section from the period of January 1, 2011 to June 30, 2011. During this period, our office received notices from Local Municipalities as well as various Developers, Architects, Engineers and Attorneys.

<u>LOCAL MUNICIPALITIES</u>	<u>NOTICES RECEIVED</u>	<u>IMPACT RESPONSES</u>
Arizona State Land Dept.	14	00
City of Avondale	04	00
Town of Buckeye	01	00
City of Chandler	03	00
Town of Gilbert	05	00
City of Glendale	02	00
City of Goodyear	15	00
Maricopa County	10	00
City of Mesa	01	00
City of Peoria	03	00
City of Phoenix	09	00
City of Surprise	10	00
City of Tempe	01	00
Other	<u>06</u>	<u>00</u>
<b>Total Received</b>	<b>84</b>	<b>00</b>

**MARICOPA ASSOCIATION OF GOVERNMENTS REPORT OF IMPACT RESPONSES**

**ARIZONA STATE LAND DEPARTMENT: No impact responses sent.**

**CITY OF AVONDALE: No impact responses sent.**

**TOWN OF BUCKEYE: No impact responses sent.**

**CITY OF CHANDLER: No impact responses sent.**

**TOWN OF GILBERT: No impact responses sent.**

**CITY OF GLENDALE: No impact responses sent.**

**CITY OF GOODYEAR: No impact responses sent.**

**MARICOPA COUNTY: No impact responses sent.**

**CITY OF MESA: No impact responses sent.**

**CITY OF PEORIA: No impact responses sent.**

**CITY OF PHOENIX: No impact responses sent.**

**CITY OF SURPRISE: No impact responses sent.**

**CITY OF TEMPE: No impact responses sent.**

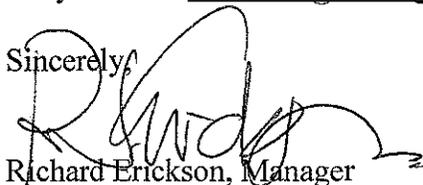
**OTHER: No impact responses sent.**

The Arizona Department of Transportation expends several resources to research future developments and plans adjacent to the state highway system, to ensure ADOT's Right of Way is not adversely impacted or jeopardized. Other notices received typically include road access, zoning changes, outdoor advertising, and annexations.

The Department appreciates the cooperation of the Maricopa Association of Government's members and looks forward to your continued support as we maintain and strive to improve all lines of communication.

Please feel free to contact my office should you have any questions. I can be reached at (602) 712-7085, or by email at [rerrickson@azdot.gov](mailto:rerrickson@azdot.gov).

Sincerely,



Richard Erickson, Manager  
Right of Way Project Management

cc: John S. Halikowski, Director, ADOT  
Paula Gibson, Chief Right of Way Agent

November 29, 2011

TO: Members of the Transportation Review Committee  
FROM: David Moody, Peoria, Chair  
SUBJECT: 2012 MAG TRANSPORTATION REVIEW COMMITTEE MEETING SCHEDULE

Noted below is the 2012 meeting schedule for the MAG Transportation Review Committee (TRC). Unless otherwise noted, meetings will be held at 10:00 a.m. at the MAG Office Building, Saguario Room, 302 North 1<sup>st</sup> Avenue, Suite 200.

Thursday, January 26, 2012

Thursday, February 23, 2012

Thursday, March 29, 2012

Thursday, April 26, 2012

Thursday, May 24, 2012

Thursday, June 28, 2012

Thursday, July 26, 2012

Thursday, August 23, 2012

Thursday, September 27, 2012 at 9:30 a.m.

Thursday, October 25, 2012

Thursday, December 6, 2012

For further information or questions, please contact Christina Hopes by phone at 602.254.6300 or by email at [chopes@azmag.gov](mailto:chopes@azmag.gov).

TABLE A: Arterial Life Cycle Program (ALCP) Project Changes to the Fiscal Year 2011-2015 MAG Transportation Improvement Program

Agency	Work Year	Reimb. Year	TIPIDN	Location	Work	Miles	Lanes Before	Lanes After	Funding	Federal	Regional	Local	Total	Reimb Fund Type	Reimb. Amount	Affects Conformity	Note
Chandler	2011	2011	CHN110-07DZ4	Chandler Blvd at Alma School Rd	Design intersection improvement	0.3	4	6	Bonds	\$ -	\$ -	\$ 126,516	\$ 126,516	RARF	\$ 88,561	No	Amend. Deferred from 2010 to 2011. Cost increased and split between 2011 and 2012.
Chandler	2012	TBD	CHN12-109CZ	Chandler Blvd at Alma School Rd	Construct intersection improvement	0.3	4	6	Bonds	\$ -	\$ -	\$ 1,345,061	\$ 1,345,061	RARF	\$ 941,543	No	Amend. Add new line item to the TIP.
Chandler	2011	2017	CHN11-104RWZ	Gilbert Rd: Ocotillo Rd to Chandler Heights	Acquire right-of-way for roadway widening	---	---	---	---	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete line item
Chandler	2013	2018	CHN14-104CZ	Gilbert Rd: Ocotillo Rd to Chandler Heights	Construct roadway widening	1.0	2	4	Local	\$ -	\$ -	\$ 8,800,000	\$ 8,800,000	RARF	\$ 6,160,000	No	Amend. Advanced from 2014 to 2013. Increased project cost.
Chandler	2014	2021	CHN14-104CZ2	Gilbert Rd: Ocotillo Rd to Chandler Heights	Construct roadway widening	---	---	---	---	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete line item
Chandler	2014	2026	CHN14-104CZ3	Gilbert Rd: Ocotillo Rd to Chandler Heights	Construct roadway widening	---	---	---	---	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete line item
Chandler	2011	2017	CHN11-103RWZ	Gilbert Rd: Queen Creek to Ocotillo	Acquire right-of-way for roadway widening	1.0	2	6	Local	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete line item from the TIP.
Chandler	2012	2021	CHN12-103CZ3	Gilbert Rd: Queen Creek to Ocotillo	Construct roadway widening	1.0	2	6	Local	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete line item from the TIP.
Chandler	2012	2026	CHN430-10ARW	Gilbert Rd: Chandler Heights Rd to Hunt Hwy	Acquire right-of-way for roadway widening	2.0	2	4	Local	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete line item from the TIP.
Chandler	2013	2026	CHN430-11AC	Gilbert Rd: Chandler Heights Rd to Hunt Hwy	Construct roadway widening	2.0	2	4	Local	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	Yes	Amend. Delete line item from the TIP. Project segmented and deferred from 2013 to 2017 and 2019, respectively.
Chandler	2013	---	CHN430-11ACZ2	Gilbert Rd: Chandler Heights Rd to Hunt Hwy	Construct roadway widening	2.0	2	4	Local	\$ -	\$ -	\$ -	\$ -	---	\$ -	Yes	Amend. Delete line item from the TIP. Project segmented and deferred from 2013 to 2017 and 2019, respectively.
Chandler	2011	2012	CHN11-110RWZ	Gilbert Rd: Queen Creek to Hunt Hwy	Acquire right-of-way for roadway widening	4.0	2	6	RARF	\$ -	\$ -	\$ 73,837	\$ 73,837	RARF	\$ 51,686	No	Amend. Add new line item.
Chandler	2014	2016	CHN10-101DZ	McQueen Road: Ocotillo Road to Riggs Road	Design roadway widening	2.0	2	4	Local	\$ -	\$ -	\$ 1,158,148	\$ 1,158,148	RARF	\$ 136,736	No	Admin. Adj. Cost increase for inflation.
Chandler	2015	2016	CHN10-101RWZ	McQueen Road: Ocotillo Road to Riggs Road	Acquire right-of-way for roadway widening	2.0	2	4	Local	\$ -	\$ -	\$ 2,665,692	\$ 2,665,692	RARF	\$ 1,859,949	No	Admin. Adj. Cost increase for inflation.
Chandler	2011	2016	CHN14-102RWZ	Ocotillo Road: Arizona Avenue to McQueen Road	Acquire right-of-way for roadway widening	1.0	2	4	Local	\$ -	\$ -	\$ 969,996	\$ 969,996	RARF	\$ 678,997	No	Amend. Project advanced from 2014 to 2011.
Chandler	2011	2016	CHN14-102DZ	Ocotillo Road: Arizona Avenue to McQueen Road	Design roadway widening	1.0	2	4	Local	\$ -	\$ -	\$ 370,754	\$ 370,754	RARF	\$ 259,528	No	Amend. Advanced from 2014 to 2011. Decreased project costs.
Chandler	2011	TBD	CHN11-102DZ	Ocotillo Road: Arizona Avenue to McQueen Road	Design roadway widening	1.0	2	4	Local	\$ -	\$ -	\$ 370,754	\$ 370,754	RARF	\$ 259,528	No	Amend. Decreased project costs.

TABLE A: Arterial Life Cycle Program (ALCP) Project Changes to the Fiscal Year 2011-2015 MAG Transportation Improvement Program

Agency	Work Year	Reimb. Year	TIPIDN	Location	Work	Miles	Lanes Before	Lanes After	Funding	Federal	Regional	Local	Total	Reimb Fund Type	Reimb. Amount	Affects Conformity	Note
Chandler	2014	2021	CHN14-105DZ	Ray Rd at Dobson Rd	Design intersection improvement	0.3	4	6	Local	\$ -	\$ -	\$ 1,408,290	\$ 1,408,290	RARF	\$ 958,643	No	Admin Mod. Increased project costs.
Chandler	2015	2021	CHN15-105RWZ	Ray Rd at Dobson Rd	Acquire right-of-way for intersection improvement	0.3	4	6	Local	\$ -	\$ -	\$ 1,800,600	\$ 1,800,600	RARF	\$ 1,031,070	No	Admin Mod. Decreased project cost.
Chandler	2015	2021	CHN15-105CZ	Ray Rd at Dobson Rd	Construct intersection improvement	0.3	4	6	Local	\$ -	\$ -	\$ 7,978,970	\$ 7,978,970	RARF	\$ 4,727,831	No	Admin Mod. Decreased project cost.
Chandler	2014	2021	CHN141-06DZ	Ray Rd at McClintock Dr	Design intersection improvement	0.3	4	6	Bonds	\$ -	\$ -	\$ 443,249	\$ 443,249	RARF	\$ 308,818	No	Admin Mod. Decreased costs.
Chandler	2015	2021	CHN15-106RWZ	Ray Rd at McClintock Dr	Acquire right-of-way for intersection improvement	0.3	4	6	Bonds	\$ -	\$ -	\$ 1,672,445	\$ 1,672,445	RARF	\$ 908,347	No	Admin Mod. Increased costs.
Chandler	2015	2021	CHN15-106CZ	Ray Rd at McClintock Dr	Construct intersection improvement	0.3	4	6	Bonds	\$ -	\$ -	\$ 6,722,614	\$ 6,722,614	RARF	\$ 4,120,255	No	Admin Mod. Increased costs.
El Mirage	2013	2016	MMA13-103RWZ	El Mirage Rd: Peoria Avenue to Cactus Road	Acquire right-of-way for roadway widening	1.0	2	6	Bonds	\$ -	\$ -	\$ 3,108,718	\$ 3,108,718	RARF	\$ 2,176,103	No	Amend. New project.
El Mirage	2014	2016	MMA14-103CZ	El Mirage Rd: Peoria Avenue to Cactus Road	Construct roadway widening	1.0	2	6	Bonds	\$ -	\$ -	\$ 3,882,930	\$ 3,882,930	RARF	\$ 2,718,051	Yes	Amend. New project.
El Mirage	2015	2016	MMA15-103CZ	El Mirage Rd: Peoria Avenue to Cactus Road	Construct roadway widening	1.0	2	6	Bonds	\$ -	\$ -	\$ 3,882,930	\$ 3,882,930	RARF	\$ 2,718,051	Yes	Amend. New project.
El Mirage	2013	2015	MMA13-102RWZ	Thunderbird Rd: El Mirage Road to Grand Avenue	Design roadway widening	0.5	2	6	Bonds	\$ -	\$ -	\$ 502,961	\$ 502,961	RARF	\$ 352,073	No	Amend. New project.
El Mirage	2014	2015	MMA14-102CZ	Thunderbird Rd: El Mirage Road to Grand Avenue	Construct roadway widening	0.5	2	6	Bonds	\$ -	\$ -	\$ 51,454	\$ 51,454	RARF	\$ 36,018	Yes	Amend. New project.
El Mirage	2015	2015	MMA15-102CZ	Thunderbird Rd: El Mirage Road to Grand Avenue	Construct roadway widening	0.5	2	6	Bonds	\$ -	\$ -	\$ 3,469,271	\$ 3,469,271	RARF	\$ 2,428,490	Yes	Amend. New project.
Fountain Hills	2011	2011	FTH11-002DZ	Shea Blvd: Technology Dr to Cereus Wash	Design roadway widening	0.8	5	6	General Fund	\$ -	\$ 33,043	\$ 14,161	\$ 47,204	RARF	\$ 33,043	No	Admin Mod. Decreased project costs. A portion of the regional funds were allocated to FTH12-002DZ.
Gilbert	2015	2022	GLB400-11AD	Elliot Rd at Greenfield Rd	Design intersection improvement	0.5	4	6	Local	\$ -	\$ -	\$ 359,870	\$ 359,870	RARF	\$ 251,480	No	Admin Adj. Cost change for inflation.
Gilbert	2015	2021	GLB15-101DZ	Elliot Rd at Val Vista Dr	Design intersection improvement	0.5	4	6	Local	\$ -	\$ -	\$ 654,560	\$ 654,560	RARF	\$ 217,279	No	Admin Adj. Cost change for inflation.
Gilbert	2014	2016	GLB09-727	Germann Rd: Gilbert Rd to Val Vista Rd	Design roadway widening	2.0	2	6	Local	\$ -	\$ -	\$ 1,139,148	\$ 1,139,148	RARF	\$ 673,444	No	Amend. Deferred from 2013 to 2014. Cost change for inflation.
Gilbert	2015	2016	GLB14-102RWZ	Germann Rd: Gilbert Rd to Val Vista Rd	Acquire right-of-way for roadway widening	2.0	2	6	Local	\$ -	\$ -	\$ 1,744,025	\$ 1,744,025	RARF	\$ 1,031,545	No	Amend. Deferred from 2014 to 2015. Cost change for inflation.
Gilbert	2015	2025	GLB15-102CZ	Germann Rd: Gilbert Rd to Val Vista Rd	Construct roadway widening	2.0	2	6	Local	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	Yes	Amend. Delete line item from TIP. Deferred from 2015 to 2016.
Gilbert	2015	2025	GLB15-102CZ2	Germann Rd: Gilbert Rd to Val Vista Rd	Construct roadway widening	2.0	2	6	Local	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	Yes	Amend. Delete line item from TIP. Deferred from 2015 to 2016.
Gilbert	2014	2015	GLB09-728	Germann Rd: Val Vista Dr to Higley	Design roadway widening	2.0	2	6	Local	\$ -	\$ -	\$ 1,634,376	\$ 1,634,376	RARF	\$ 1,143,733	No	Amend. Deferred from 2013 to 2014. Cost change for inflation.

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Gilbert	2015	2015	GLB14-103RWZ	Germann Rd: Val Vista Dr to Higley	Acquire right-of-way for roadway widening	2.0	2	6	Local	\$ -	\$ -	\$ 3,542,244	\$ 3,542,244	RARF	\$ 2,479,571	No	Amend. Deferred from 2014 to 2015. Increased project costs.
Gilbert	2015	2019	GLB15-103CZ	Germann Rd: Val Vista Dr to Higley	Construct roadway widening	2.0	2	6	Local	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	Yes	Amend. Delete line item from TIP. Deferred from 2015 to 2016.
Gilbert	2015	2026	GLB15-103CZ2	Germann Rd: Val Vista Dr to Higley	Construct roadway widening	2.0	2	6	Local	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	Yes	Amend. Delete line item from TIP. Deferred from 2015 to 2016.
Gilbert	2015	2015	GLB13-002CZ	Greenfield Rd: Elliot Rd to Ray Rd	Construct roadway widening	2.0	2	6	Bonds	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	Yes	Amend. Delete line item from TIP. Deferred from 2015 to 2016.
Gilbert	2014	2015	GLB11-810D	Greenfield Rd: Elliot Rd to Ray Rd	Design roadway widening	2.0	2	6	Bonds	\$ -	\$ -	\$ 599,607	\$ 599,607	RARF	\$ 419,469	No	Admin Mod. Deferred from 2013 to 2014. Cost increase for inflation.
Gilbert	2015	2015	GLB12-815RW	Greenfield Rd: Elliot Rd to Ray Rd	Acquire right-of-way for roadway widening	2.0	2	6	Bonds	\$ -	\$ -	\$ 2,452,666	\$ 2,452,666	RARF	\$ 1,602,433	No	Admin Mod. Deferred from 2014 to 2015. Cost increase for inflation.
Gilbert	2011	2011	GLB11-003CZ	Guadalupe Rd at Cooper Rd	Construct intersection improvement	0.5	4	6	Local	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete line item from TIP. Project delayed from 2011 to 2012. Work for 2012 is currently programmed in the TIP.
Gilbert	2011	2011	GLB120-08RW	Guadalupe Rd at Cooper Rd	Acquire right-of-way for intersection improvement	0.5	4	6	Local	\$ -	\$ 1,592,000	\$ 696,232	\$ 2,288,232	RARF	\$ 1,592,000	No	Amend. Add new line item to the TIP. Work deferred from 2010 to 2011.
Gilbert	2013	2015	GLB13-004CZ	Guadalupe Rd at Gilbert Rd	Construct intersection improvement	0.5	4	6	Local	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete line item. Deferred past 2015.
Gilbert	2014	2023	GLB130-07D	Guadalupe Rd at Gilbert Rd	Design intersection improvement	0.5	4	6	Bonds	\$ -	\$ -	\$ 380,871	\$ 380,871	RARF	\$ 266,569	No	Admin Mod. Deferred from 2011 to 2014. Cost increased for inflation.
Gilbert	2015	2023	GLB130-08RW	Guadalupe Rd at Gilbert Rd	Acquire right-of-way for intersection improvement	0.5	4	6	Local	\$ -	\$ -	\$ 1,858,415	\$ 1,858,415	RARF	\$ 1,300,657	No	Admin Mod. Deferred from 2012 to 2015. Cost increased for inflation.
Gilbert	2011	2012	GLB11-108DZ	Power Rd: Santan Fwy to Pecos Rd	Design roadway widening	1.5	4	6	RARF	\$ -	\$ -	\$ 1,189,694	\$ 1,189,694	RARF	\$ 517,547	No	Admin Mod. Deferred from 2010 to 2011. Cost increased from inflation.
Gilbert	2011	2013	GLB10-005RWZ	Power Rd: Santan Fwy to Pecos Rd	Acquire right-of-way for roadway widening	1.5	4	6	RARF	\$ -	\$ 2,453,329	\$ 2,327,961	\$ 4,781,290	RARF	\$ 2,453,329	No	Amend. Add line item to the TIP. Work was deferred from 2010 to 2011.
Gilbert	2011	2012	GLB11-812D	Queen Creek Rd: Greenfield to Higley	Design roadway widening	1.0	2	4	Local	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete item from TIP.
Gilbert	2012	2013	GLB12-817AW	Queen Creek Rd: Greenfield to Higley	Acquire right-of-way for roadway widening	1.0	2	4	Local	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete item from TIP.
Gilbert	2012	2014	GLB12-817AWZ2	Queen Creek Rd: Greenfield to Higley	Acquire right-of-way for roadway widening	1.0	2	4	Local	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete item from TIP.
Gilbert	2013	2014	GLB11-804	Queen Creek Rd: Greenfield to Higley	Construct roadway widening	1.0	2	4	Local	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete item from TIP.
Gilbert	2013	2015	GLB11-804CZ2	Queen Creek Rd: Greenfield to Higley	Construct roadway widening	1.0	2	4	Local	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete item from TIP.

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Agency	Work Year	Reimb. Year	TIPIDN	Location	Work	Miles	Lanes Before	Lanes After	Funding	Federal	Regional	Local	Total	Reimb Fund Type	Reimb. Amount	Affects Conformity	Note
Gilbert	2013	2013	GLB11-011DZ	Queen Creek Rd: Lindsay Rd to Greenfield Rd	Design roadway widening	2.0	2	4	RARF	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete item from TIP.
Gilbert	2014	2014	GLB12-011RWZ	Queen Creek Rd: Lindsay Rd to Greenfield Rd	Acquire right-of-way for roadway widening	2.0	2	4	RARF	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete item from TIP.
Gilbert	2015	2015	GLB13-011CZ	Queen Creek Rd: Lindsay Rd to Greenfield Rd	Construct roadway widening	2.0	2	4	RARF	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete item from TIP.
Gilbert	2010	2012	GLB12-107ADZ	Queen Creek Rd: Val Vista Dr to Higley Rd	Design roadway widening conducted in 2010 - Reimbursement with RARF funds programmed for 2012	2.0	2	4	Bonds	\$ -	\$ -	\$ 924,442	\$ 924,442	RARF	\$ 647,109	No	Amend. Add new line item. Work conducted in 2010/2011.
Gilbert	2011	2012	GLB12-107ADZ2	Queen Creek Rd: Val Vista Dr to Higley Rd	Design roadway widening	2.0	2	4	Bonds	\$ -	\$ -	\$ 924,442	\$ 924,442	RARF	\$ 647,109	No	Amend. Add new line item. Work conducted in 2010/2011.
Gilbert	2011	2014	GLB14-107ACZ	Queen Creek Rd: Val Vista Dr to Higley Rd	Construct roadway widening	2.0	2	4	RARF	\$ -	\$ -	\$ 7,823,044	\$ 7,823,044	RARF	\$ 5,476,131	No	Amend. Add new project to the TIP.
Gilbert	2011	2013	GLB13-107ARWZ2	Queen Creek Rd: Val Vista Dr to Higley Rd	Acquire right-of-way for roadway widening conducted in 2010 - Reimbursement with RARF funds programmed for 2013	2.0	2	4	Bonds	\$ -	\$ -	\$ 769,530	\$ 769,530	RARF	\$ 538,671	No	Amend. Add new line item. Work conducted in 2011.
Gilbert	2011	2013	GLB13-107ARWZ2	Queen Creek Rd: Val Vista Dr to Higley Rd	Acquire right-of-way for roadway widening	2.0	2	4	Bonds	\$ -	\$ -	\$ 769,530	\$ 769,530	RARF	\$ 538,671	No	Amend. Add new line item. Work conducted in 2011.
Gilbert	2012	2015	GLB12-107CZ	Queen Creek Rd: Val Vista Dr to Higley Rd	Construct roadway widening	2.0	2	4	RARF	\$ -	\$ -	\$ 7,823,044	\$ 7,823,044	RARF	\$ 5,476,131	No	Amend. Add new line item.
Gilbert	2015	2022	GLB15-105DZ	Ray Rd: Higley to Recker	Design roadway widening	1.0	4	6	Bonds	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete item from TIP. Segment combined and advanced to 2010/2011.
Gilbert	2015	2023	GLB15-106DZ	Ray Rd: Recker to Power	Design roadway widening	1.0	4	6	Bonds	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete item from TIP. Segment combined and advanced to 2010/2011.
Gilbert	2015	2023	GLB15-104DZ	Ray Rd: Val Vista to Higley	Design roadway widening	2.0	4	6	Bonds	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete item from TIP. Segment combined and advanced to 2010/2011.
Gilbert	2010	2014	GLB10-109ADZ	Ray Rd: Val Vista to Power	Design roadway widening conducted in 2010 - Reimbursement with RARF funds programmed for 2014	4.0	4	6	Local	\$ -	\$ -	\$ 1,422,661	\$ 1,422,661	RARF	\$ 995,862	No	Amend. Add new line item to the TIP. Project consolidated and advanced.
Gilbert	2010	2015	GLB10-109RWZ	Ray Rd: Val Vista to Power	Acquire right-of-way for roadway widening	4.0	4	6	Local	\$ -	\$ -	\$ 3,770,050	\$ 3,770,050	RARF	\$ 2,639,035	No	Amend. Add new line item. Project consolidated and advanced.
Gilbert	2011	2016	GLB11-109CZ	Ray Rd: Val Vista to Power	Construct roadway widening	4.0	4	6	Bonds	\$ -	\$ -	\$ 5,011,648	\$ 5,011,648	RARF	\$ 3,508,153	Yes	Amend. Add new line item. Project consolidated and advanced.
Gilbert	2011	2017	GLB11-109CZ2	Ray Rd: Val Vista to Power	Construct roadway widening	4.0	4	6	Bonds	\$ -	\$ -	\$ 5,051,119	\$ 5,051,119	RARF	\$ 3,535,783	Yes	Amend. Add new line item. Project consolidated and advanced.

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Agency	Work Year	Reimb. Year	TIPIDN	Location	Work	Miles	Lanes Before	Lanes After	Funding	Federal	Regional	Local	Total	Reimb Fund Type	Reimb. Amount	Affects Conformity	Note
Gilbert	2011	2015	GLB11-109ADZ	Ray Rd: Val Vista to Power	Design roadway widening	4.0	4	6	Local	\$ -	\$ -	\$ 1,422,661	\$ 1,422,661	RARF	\$ 995,862	No	Amend. Add new line item to the TIP. Project consolidated and advanced.
Gilbert	2011	2016	GLB11-109RWZ	Ray Rd: Val Vista to Power	Acquire right-of-way for roadway widening	4.0	4	6	Bonds	\$ -	\$ -	\$ 1,441,619	\$ 1,441,619	RARF	\$ 1,009,133	No	Amend. Add new line item. Project consolidated and advanced.
Gilbert	2012	2023	GLB12-109CZ2	Ray Rd: Val Vista to Power	Construct roadway widening	4.0	4	6	Bonds	\$ -	\$ -	\$ 2,895,195	\$ 2,895,195	RARF	\$ 2,026,636	Yes	Amend. Add new line item. Project consolidated and advanced.
Gilbert	2014	2021	GLB12-818D	Warner Rd at Greenfield Rd	Design intersection improvement	0.5	4	6	Bonds	\$ -	\$ -	\$ 476,444	\$ 476,444	RARF	\$ 333,510	No	Admin Mod. Deferred from 2013 to 2014. Decreased project costs.
Gilbert	2015	2021	GLB13-008RWZ	Warner Rd at Greenfield Rd	Acquire right-of-way for intersection improvement	0.5	4	6	Bonds	\$ -	\$ -	\$ 1,464,770	\$ 1,464,770	RARF	\$ 1,025,034	No	Admin Mod. Deferred from 2014 to 2015. Increased project costs.
Gilbert	2015	2021	GLB14-008CZ	Warner Rd at Greenfield Rd	Construct intersection improvement	0.5	4	6	Bonds	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete line item from TIP. Deferred from 2015 to 2016.
Maricopa County	2013	2013	MMA09-815	Dobson Road Bridge over the Salt River	Design roadway widening	1.6	0	6	HURF	\$ -	\$ -	\$ 1,346,640	\$ 1,346,640	RARF	\$ -	No	Admin Adj. Decreased project cost.
Maricopa County	2014	2015	MMA14-101RWZ	Dobson Road Bridge over the Salt River	Advance acquisition of right of way for roadway widening	1.6	0	6	HURF	\$ -	\$ -	\$ 10,981,004	\$ 10,981,004	STP-MAG	\$ 7,686,703	No	Admin Mod. Increased project costs.
Maricopa County	2014	2016	MMA14-101RWZ 2	Dobson Road Bridge over the Salt River	Acquire right-of-way for roadway widening	1.6	0	6	HURF	\$ -	\$ -	\$ 7,219,472	\$ 7,219,472	STP-MAG	\$ 5,053,294	No	Admin Mod. Decreased project cost.
Maricopa County	2015	2017	MMA14-101CZ	Dobson Road Bridge over the Salt River	Construct roadway widening	1.6	0	6	HURF	\$ -	\$ -	\$ 23,989,773	\$ 23,989,773	STP-MAG	\$ 5,892,406	No	Admin Mod. Cost increased for inflation.
Maricopa County	2015		MMA14-101RWZ (Reimbursement)	Dobson Road Bridge over the Salt River	Acquire right-of-way for roadway widening	1.6	0	6	STP-MAG	\$ -	\$ -	\$ -	\$ -			No	Amend. Delete from the TIP. Duplicate entry
Maricopa County	2011	2015	MMA11-116DZ	El Mirage Rd: Bell Road to Picerne Drive	Design roadway widening	0.5	4	10	HURF	\$ -	\$ -	\$ 125,740	\$ 125,740	RARF	\$ -	No	Amend. New project.
Maricopa County	2011	2015	MMA11-116RWZ	El Mirage Rd: Bell Road to Picerne Drive	Advance acquisition of right of way for roadway widening	0.5	4	10	HURF	\$ -	\$ -	\$ 838,268	\$ 838,268	RARF	\$ -	No	Amend. New project.
Maricopa County	2012	2015	MMA12-116DZ	El Mirage Rd: Bell Road to Picerne Drive	Design roadway widening	0.5	4	10	HURF	\$ -	\$ -	\$ 125,740	\$ 125,740	RARF	\$ -	No	Amend. New project.
Maricopa County	2012	2015	MMA12-116RWZ	El Mirage Rd: Bell Road to Picerne Drive	Advance acquisition of right of way for roadway widening	0.5	4	10	HURF	\$ -	\$ -	\$ 838,268	\$ 838,268	RARF	\$ -	No	Amend. New project.
Maricopa County	2013	2015	MMA13-116RWZ	El Mirage Rd: Bell Road to Picerne Drive	Advance acquisition of right of way for roadway widening	0.5	4	10	HURF	\$ -	\$ -	\$ 838,268	\$ 838,268	RARF	\$ -	No	Amend. New project.
Maricopa County	2013	2015	MMA13-116CZ	El Mirage Rd: Bell Road to Picerne Drive	Advance construction of roadway widening	0.5	4	10	Local	\$ -	\$ -	\$ 1,634,623	\$ 1,634,623	RARF	\$ -	Yes	Amend. New project.

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Agency	Work Year	Reimb. Year	TIPIDN	Location	Work	Miles	Lanes Before	Lanes After	Funding	Federal	Regional	Local	Total	Reimb Fund Type	Reimb. Amount	Affects Conformity	Note
Maricopa County	2014	2015	MMA14-116CZ	El Mirage Rd: Bell Road to Picerne Drive	Advance construction of roadway widening	0.5	4	10	Local	\$ -	\$ -	\$ 1,634,623	\$ 1,634,623	RARF	\$ -	Yes	Amend. New project.
Maricopa County	2013	2014	MMA13-114RWZ	El Mirage Rd: Northern Avenue to Peoria Avenue	Acquire right-of-way for roadway widening	2.0	2	6	HURF	\$ -	\$ -	\$ 2,953,350	\$ 2,953,350	RARF	\$ 2,067,345	No	Amend. New project.
Maricopa County	2014	2015	MMA14-114CZ	El Mirage Rd: Northern Avenue to Peoria Avenue	Construct roadway widening	2.0	2	6	HURF	\$ -	\$ -	\$ 5,563,413	\$ 5,563,413	RARF	\$ 3,894,389	Yes	Amend. New project.
Maricopa County	2015	2016	MMA15-114CZ	El Mirage Rd: Northern Avenue to Peoria Avenue	Construct roadway widening	2.0	2	6	HURF	\$ -	\$ -	\$ 5,563,413	\$ 5,563,413	RARF	\$ 3,894,389	Yes	Amend. New project.
Maricopa County	2011	2011	MMA10-616	El Mirage Rd: Thunderbird Rd to Bell Rd	Design roadway widening	2.0	2	6	RARF	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete project from the TIP.
Maricopa County	2012	2012	MMA12-002DZ	El Mirage Rd: Thunderbird Rd to Bell Rd	Design roadway widening	2.0	2	6	RARF	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete project from the TIP.
Maricopa County	2012	2013	MMA13-002DZ	El Mirage Rd: Thunderbird Rd to Bell Rd	Design roadway widening	2.0	2	6	Local	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete project from the TIP.
Maricopa County	2013	2013	MMA12-102RWZ	El Mirage Rd: Thunderbird Rd to Bell Rd	Acquire right-of-way for roadway widening	2.0	2	6	RARF	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete project from the TIP.
Maricopa County	2014	2014	MMA11-822	El Mirage Rd: Thunderbird Rd to Bell Rd	Acquire right-of-way for roadway widening	2.0	2	6	RARF	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete project from the TIP.
Maricopa County	2015	2015	MMA15-102CZ	El Mirage Rd: Thunderbird Rd to Bell Rd	Construct roadway widening	2.0	2	6	RARF	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	Yes	Amend. Delete project from the TIP.
Maricopa County	2011	2013	MMA11-103DZ	Gilbert Road Bridge over the Salt River	Design roadway widening	1.6	4	6	Local	\$ -	\$ -	\$ 2,390,278	\$ 2,390,278	STP-MAG	\$ 1,673,195	No	Amend. Decreased project costs.
Maricopa County	2011	2014	MMA11-103RWZ	Gilbert Road Bridge over the Salt River	Acquire right-of-way for roadway widening	1.6	4	6	Local	\$ -	\$ -	\$ 3,083,773	\$ 3,083,773	STP-MAG	\$ 2,057,110	No	Admin Mod. Cost increase from inflation.
Maricopa County	2013	---	MMA11-103DZ (Reimbursement)	Gilbert Road Bridge over the Salt River	Design roadway widening	1.6	4	6	STP-MAG	\$ -	\$ -	\$ -	\$ -	STP-MAG	\$ -	No	Amend. Delete from the TIP. Duplicate entry
Maricopa County	2013	---	MMA11-103RWZ (Reimbursement)	Gilbert Road Bridge over the Salt River	Acquire right-of-way for roadway widening	1.6	4	6	STP-MAG	\$ -	\$ -	\$ -	\$ -	STP-MAG	\$ -	No	Amend. Delete from the TIP. Duplicate entry
Maricopa County	2013	---	MMA11-103DZ (Reimbursement)	Gilbert Road Bridge over the Salt River	Design roadway widening	1.6	4	6	STP-MAG	\$ -	\$ -	\$ -	\$ -	STP-MAG	\$ -	No	Amend. Delete from the TIP. Duplicate entry
Maricopa County	2013	---	MMA11-103RWZ (Reimbursement)	Gilbert Road Bridge over the Salt River	Acquire right-of-way for roadway widening	1.6	4	6	STP-MAG	\$ -	\$ -	\$ -	\$ -	STP-MAG	\$ -	No	Amend. Delete from the TIP. Duplicate entry
Maricopa County	2015	2015	MMA15-103CZ	Gilbert Road Bridge over the Salt River	Construct roadway widening	1.6	4	6	STP-MAG	\$ 10,274,443	\$ -	\$ 23,487,927	\$ 33,762,369	STP-MAG	\$ 10,274,443	No	Amend. Cost increase from inflation.

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Agency	Work Year	Reimb. Year	TIPIDN	Location	Work	Miles	Lanes Before	Lanes After	Funding	Federal	Regional	Local	Total	Reimb Fund Type	Reimb. Amount	Affects Conformity	Note
Maricopa County	2014	2016	MMA13-105DZ	McKellips Rd: Loop 101 (Pima Fwy) to SRP-MIC/Alma School Rd	Design roadway widening	2.0	4	6	Local	\$ -	\$ -	\$ 751,353	\$ 751,353	STP-MAG	\$ 525,947	No	Amend. Deferred from 2013 to 2014. Cost increase for inflation.
Maricopa County	2014	---	MMA13-105DZ (Reimbursement)	McKellips Rd: Loop 101 (Pima Fwy) to SRP-MIC/Alma School Rd	Design roadway widening	2.0	4	6	STP-MAG	\$ -	\$ -	\$ -	\$ -	STP-MAG	\$ -	No	Amend. Delete item from TIP. Duplicate entry.
Maricopa County	2014	2016	MMA14-105RWZ	McKellips Rd: Loop 101 (Pima Fwy) to SRP-MIC/Alma School Rd	Acquire right-of-way for roadway widening	2.0	4	6	STP-MAG	\$ -	\$ -	\$ 1,143,116	\$ 1,143,116	STP-MAG	\$ 800,181	No	Admin Mod. Decreased project costs.
Maricopa County	2015	---	MMA14-105RWZ (Reimbursement)	McKellips Rd: Loop 101 (Pima Fwy) to SRP-MIC/Alma School Rd	Acquire right-of-way for roadway widening	2.0	4	6	STP-MAG	\$ -	\$ -	\$ -	\$ -	STP-MAG	\$ -	No	Amend. Delete from the TIP. Duplicate entry
Maricopa County	2015	2016	MMA15-105CZ	McKellips Rd: Loop 101 (Pima Fwy) to SRP-MIC/Alma School Rd	Construct roadway widening	2.0	4	6	Local	\$ -	\$ -	\$ 14,920,627	\$ 14,920,627	STP-MAG	\$ 7,289,914	No	Admin. Adj. Cost increase for inflation.
Maricopa County	2015	2016	MMA15-105RZ	McKellips Rd: Loop 101 (Pima Fwy) to SRP-MIC/Alma School Rd	Project savings for roadway widening	2.0	4	6	RARF	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete line item from TIP. Deferred to 2017.
Maricopa County	2015	2017	MMA15-105RZ2	McKellips Rd: Loop 101 (Pima Fwy) to SRP-MIC/Alma School Rd	Project savings for roadway widening	2.0	4	6	RARF	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete line item from TIP. Deferred to 2026.
Maricopa County	2015	2018	MMA15-105RZ3	McKellips Rd: Loop 101 (Pima Fwy) to SRP-MIC/Alma School Rd	Project savings for roadway widening	2.0	4	6	RARF	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete line item from TIP.
Maricopa County	2015	2015	MMA15-104RWZ	McKellips Road Bridge over the Salt River	Acquire right-of-way for roadway widening	0.8	4	6	RARF	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Deleted project from TIP. Deferred from 2015 to 2027.
Maricopa County	2012	2016	MMA14-111DZ	Northern Parkway: Agua Fria Bridge	Advance design roadway widening	0.1	0	4	HURF	\$ -	\$ -	\$ 614,143	\$ 614,143	STP-MAG	\$ 429,900	No	Admin Mod. Increased project cost.
Maricopa County	2015	2017	MMA15-111CZ	Northern Parkway: Agua Fria Bridge	Advance Construct roadway widening	0.1	0	4	HURF	\$ -	\$ -	\$ 7,676,790	\$ 7,676,790	STP-MAG	\$ 5,373,753	No	Admin Mod. Increased project cost.
Maricopa County	2012	2016	MMA11-922	Northern Parkway: Dysart to 111th	Advance Acquisition of right-of-way for roadway widening - repayment of STP-MAG in 2016	2.5	2	4	Local	\$ -	\$ -	\$ 1,832,627	\$ 1,832,627	STP-MAG	\$ 1,282,839	No	Admin Mod. Increased project costs.
Maricopa County	2012	2016	MMA11-923	Northern Parkway: Dysart to 111th	Advance design roadway widening - repayment of STP-MAG in 2016	2.5	2	4	Local	\$ -	\$ -	\$ 1,210,223	\$ 1,210,223	STP-MAG	\$ 847,156	No	Admin Mod. Increase project cost.
Maricopa County	2013	2016	MMA13-102	Northern Parkway: Dysart to 111th	Advance Acquisition of right-of-way for roadway widening - repayment of STP-MAG in 2016	2.5	2	4	Local	\$ -	\$ -	\$ 5,497,880	\$ 5,497,880	STP-MAG	\$ 3,848,516	No	Admin Mod. Increased project costs.
Maricopa County	2013	2016	MMA14-113CX	Northern Parkway: Dysart to 111th	Advance Construct roadway widening - repayment of STP-MAG in 2016	2.5	2	4	Local	\$ -	\$ -	\$ 7,563,897	\$ 7,563,897	STP-MAG	\$ 5,294,728	No	Admin Mod. Advanced from 2014 to 2013. Increased project cost.
Maricopa County	2014	2017	MMA15-113CX	Northern Parkway: Dysart to 111th	Advance Construct roadway widening - repayment of STP-MAG in 2017	2.5	2	4	Local	\$ -	\$ -	\$ 7,563,897	\$ 7,563,897	STP-MAG	\$ 5,294,728	No	Admin Mod. Decreased project cost.

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Maricopa County	2012	2016	MMA14-110DZ	Northern Parkway: Litchfield Overpass	Advance Design roadway widening - repayment of STP-MAG in 2016	0.1	0	4	HURF	\$ -	\$ -	\$ 1,172,064	\$ 1,172,064	STP-MAG	\$ 820,445	No	Admin Mod. Increased project costs.
Maricopa County	2014	2017	MMA14-104	Northern Parkway: Litchfield Overpass	Advance construct roadway widening - repayment of STP-MAG in 2017	0.1	0	4	HURF	\$ -	\$ -	\$ 5,270,631	\$ 5,270,631	STP-MAG	\$ 3,689,442	No	Admin Mod. Increased project costs.
Maricopa County	2015	2017	MMA15-110CZ	Northern Parkway: Litchfield Overpass	Advance Construct roadway widening - repayment of STP-MAG in 2017	0.1	0	4	HURF	\$ -	\$ -	\$ 5,270,631	\$ 5,270,631	STP-MAG	\$ 3,689,442	No	Admin Mod. Decreased project cost.
Maricopa County	2014	2016	MMA14-106	Northern Parkway: Northern Avenue at L101	Advance Acquisition of right of way for roadway widening - repayment of STP-MAG in 2016	0.5	4	6	Local	\$ -	\$ -	\$ 3,342,440	\$ 3,342,440	STP-MAG	\$ 2,339,708	No	Admin Mod. Decreased project cost.
Maricopa County	2014	2016	MMA14-112DZ	Northern Parkway: Northern Avenue at L101	Advance Design intersection improvement - repayment of STP-MAG in 2016	0.5	4	6	HURF	\$ -	\$ -	\$ 572,371	\$ 572,371	STP-MAG	\$ 400,660	No	Admin Mod. Increased project costs.
Maricopa County	2015	2016	MMA15-112CZ2	Northern Parkway: Northern Avenue at L101	Advance Construct intersection improvement - repayment of STP-MAG in 2016	0.5	4	6	HURF	\$ -	\$ -	\$ 5,005,891	\$ 5,005,891	STP-MAG	\$ 3,504,124	No	Amend. Add new line item to the TIP.
Maricopa County	2015	2017	MMA15-112CZ	Northern Parkway: Northern Avenue at L101	Advance Construct intersection improvement - repayment of STP-MAG in 2017	0.5	4	6	HURF	\$ -	\$ -	\$ 2,148,749	\$ 2,148,749	STP-MAG	\$ 1,504,124	No	Admin Mod. Decreased project cost. Changed fund type.
Maricopa County	2012	2016	MMA12-925	Northern Parkway: Reems Overpass	Advance Design roadway widening - repayment of STP-MAG in 2016	0.1	0	4	HURF	\$ -	\$ -	\$ 1,040,582	\$ 1,040,582	STP-MAG	\$ 728,407	No	Admin Mod. Increased project cost.
Maricopa County	2013	2016	MMA13-008CZ	Northern Parkway: Reems Overpass	Advance Construct roadway widening - repayment of STP-MAG in 2016	0.1	0	4	HURF	\$ -	\$ -	\$ 4,704,730	\$ 4,704,730	STP-MAG	\$ 3,293,311	No	Admin Mod. Increased project cost. Work to occur in 2013/2014.
Maricopa County	2014	2017	MMA14-008CZ	Northern Parkway: Reems Overpass	Advance Construct roadway widening - repayment of STP-MAG in 2017	0.1	0	4	HURF	\$ -	\$ -	\$ 4,704,730	\$ 4,704,730	STP-MAG	\$ 3,293,311	No	Amend. Add new line item.
Maricopa County	2011	---	MMA11-102	Northern Parkway: Sarival Overpass	Advance Design roadway widening - repayment of STP-MAG in 2016	0.1	0	4	HURF	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	No	Amend. Delete project work phase from the TIP. Design done as part of another project.
Maricopa County	2012	2016	MMA12-928	Northern Parkway: Sarival Overpass	Advance Construct roadway widening - repayment of STP-MAG in 2016	0.1	0	4	HURF	\$ -	\$ -	\$ 3,576,152	\$ 3,576,152	STP-MAG	\$ 2,503,307	No	Admin Mod. Increased project costs.
Maricopa County	2013	2016	MMA15-109CZ	Northern Parkway: Sarival Overpass	Advance Construct roadway widening - repayment of STP-MAG in 2016	0.1	0	4	HURF	\$ -	\$ -	\$ 966,670	\$ 966,670	STP-MAG	\$ 676,669	No	Admin Mod. Increased project costs.
Maricopa County	2013	---	MMA11-927	Northern Parkway: Sarival Overpass	Design roadway widening	0.1	0	4	HURF	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	No	Amend. Delete project work phase from the TIP. Design done as part of another project.
Mesa	2015	2016	MES15-126DZ	Baseline Rd: Ellsworth to Meridian Rd	Advance design of roadway widening	3.0	4	6	Local	\$ -	\$ -	\$ 1,306,701	\$ 1,306,701	STP-MAG	\$ 914,383	No	Amend. New Project.

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Mesa	2014	2016	MES14-101DZ	Baseline Rd: Power Rd to Ellsworth Rd	Advance design of roadway widening	3.0	4	6	Local	\$ -	\$ -	\$ 1,306,701	\$ 1,306,701	STP-MAG	\$ 914,383	No	Admin Adj. Cost change for inflation. Change fund type.
Mesa	2015	2016	MES15-101RWZ	Baseline Rd: Power Rd to Ellsworth Rd	Advance acquisition of right of way for roadway widening	3.0	4	6	Local	\$ -	\$ -	\$ 3,919,049	\$ 3,919,049	STP-MAG	\$ 2,743,148	No	Admin Adj. Cost change for inflation. Change fund type.
Mesa	2013	2013	MES100-06D	Broadway Rd: Dobson Rd to Country Club Dr	Design roadway widening	2.0	4	6	RARF	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete project from the TIP. Deferred from 2013 to 2017.
Mesa	2014	2014	MES114-102DZ	Broadway Rd: Dobson Rd to Country Club Dr	Design roadway widening	2.0	4	6	RARF	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete project from the TIP. Deferred from 2014 to 2018.
Mesa	2014	2014	MES100-07RW	Broadway Rd: Dobson Rd to Country Club Dr	Acquire right-of-way for roadway widening	2.0	4	6	RARF	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete project from the TIP. Deferred from 2014 to 2018.
Mesa	2015	2015	MES15-102CZ	Broadway Rd: Dobson Rd to Country Club Dr	Construct roadway widening	2.0	4	6	RARF	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	Yes	Amend. Delete project from the TIP. Deferred from 2015 to 2019.
Mesa	2013	2019	MES13-002DZ	Country Club Dr at University Dr	Design intersection improvement	1.0	4	6	Local	\$ -	\$ -	\$ -	\$ -	STP-MAG	\$ -	No	Amend. Delete project from the TIP. Deferred from 2013 to 2017.
Mesa	2014	2019	MES14-002DZ2	Country Club Dr at University Dr	Design intersection improvement	1.0	4	6	Local	\$ -	\$ -	\$ -	\$ -	STP-MAG	\$ -	No	Amend. Delete project from the TIP. Deferred from 2014 to 2018.
Mesa	2014	2019	MES300-08ARW	Country Club Dr at University Dr	Acquire right-of-way for intersection improvement	1.0	4	6	Local	\$ -	\$ -	\$ -	\$ -	STP-MAG	\$ -	No	Amend. Delete project from the TIP. Deferred from 2014 to 2018.
Mesa	2015	2019	MES15-103CZ	Country Club Dr at University Dr	Construct intersection improvement	1.0	4	6	Local	\$ -	\$ -	\$ -	\$ -	STP-MAG	\$ -	No	Amend. Delete project from the TIP. Deferred from 2015 to 2019.
Mesa	2014	2026	MES14-105DZ	Crismon Rd: Broadway to Guadalupe	Design roadway widening	3.0	4	6	Local	\$ -	\$ -	\$ -	\$ -	STP-MAG	\$ -	No	Amend. Delete project from the TIP. Deferred from 2014 to 2027.
Mesa	2015	2026	MES15-105RWZ	Crismon Rd: Broadway to Guadalupe	Acquire right-of-way for roadway widening	3.0	4	6	Local	\$ -	\$ -	\$ -	\$ -	STP-MAG	\$ -	No	Amend. Delete project from the TIP. Deferred from 2015 to 2028.
Mesa	2015	2016	MES15-127DZ	Crismon Rd: Ray Rd to Germann Rd	Advance design of roadway widening	3.0	0	6	Local	\$ -	\$ -	\$ 1,738,755	\$ 1,738,755	STP-MAG	\$ 1,217,165	No	Amend. New project.
Mesa	2011	2020	MES310-11AC	Dobson Rd at University Dr	Construct intersection improvement	0.5	4	6	Local	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete line item from TIP.
Mesa	2011	TBD	MES11-107DZ	Dobson Rd at University Dr	Design intersection improvement	0.5	4	6	Local	\$ -	\$ -	\$ 217,539	\$ 217,539	RARF	\$ 151,177	No	Amend. Add new line item to the TIP.
Mesa	2011	TBD	MES310-10ARW	Dobson Rd at University Dr	Acquire right-of-way for intersection improvement	0.5	4	6	Local	\$ -	\$ -	\$ 2,057,109	\$ 2,057,109	RARF	\$ 1,439,976	No	Amend. Add new line item to the TIP.
Mesa	2013	2015	MES13-108PZ	Greenfield Rd: Southern Ave to University Dr	Pre-Design roadway widening	3.0	4	6	Local	\$ -	\$ -	\$ -	\$ -	STP-MAG	\$ -	No	Amend. Delete line item from TIP. Deferred from 2013 to 2025.
Mesa	2015	2017	MES15-110DZ	Guadalupe Rd: Hawes Rd to Crismon Rd	Design roadway widening	2.0	4	6	Local	\$ -	\$ -	\$ -	\$ -	STP-MAG	\$ -	No	Amend. Delete project from the TIP. Deferred from 2015 to 2016.

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Agency	Work Year	Reimb. Year	TIPIDN	Location	Work	Miles	Lanes Before	Lanes After	Funding	Federal	Regional	Local	Total	Reimb Fund Type	Reimb. Amount	Affects Conformity	Note
Mesa	2015	2018	MES15-124DZ	Higley Rd Pkwy: US 60 to SR 202L (RM) Grade Separations	Design intersection improvement	0.0	0	6	Local	\$ -	\$ -	\$ -	\$ -	STP-MAG	\$ -	No	Amend. Delete project from the TIP. Deferred from 2015 to 2018.
Mesa	2015	2015	MES470-10AD	Lindsay Rd at Brown Rd	Design intersection improvement	0.5	4	6	STP-MAG	\$ -	\$ -	\$ -	\$ -	STP-MAG	\$ -	No	Amend. Delete project from the TIP. Deferred from 2015 to 2025.
Mesa	2015	2016	MES15-114DZ	Meridian Rd: Baseline Rd to Ray	Advance design of roadway widening	4.0	0	6	Local	\$ -	\$ -	\$ 1,206,591	\$ 1,206,591	STP-MAG	\$ 844,614	No	Amend. Work to occur in 2015/2016. Costs split between years and adjusted for inflation.
Mesa	2010	2015	MES09-911PZ2	Mesa Dr at Broadway Rd	Pre-design intersection improvements	1.0	4	6	Local	\$ -	\$ -	\$ 83,976	\$ 83,976	RARF	\$ 58,783	No	Amend. Cost adjustment for inflation.
Mesa	2013	2015	MES151-09D	Mesa Dr at Broadway Rd	Design intersection improvement	1.0	4	6	Local	\$ -	\$ -	\$ 478,819	\$ 478,819	RARF	\$ 335,173	No	Admin Mod. Cost increase from inflation.
Mesa	2014	2015	MES151-09DZ2	Mesa Dr at Broadway Rd	Design intersection improvement	1.0	4	6	Local	\$ -	\$ -	\$ 478,819	\$ 478,819	RARF	\$ 335,173	No	Admin Mod. Cost increase from inflation.
Mesa	2014	2016	MES151-10RW	Mesa Dr at Broadway Rd	Acquire right-of-way for intersection improvement	1.0	4	6	Local	\$ -	\$ -	\$ 1,324,475	\$ 1,324,475	RARF	\$ 927,132	No	Admin Mod. Decreased costs.
Mesa	2015	2016	MES151-10RWZ	Mesa Dr at Broadway Rd	Acquire right-of-way for intersection improvement	1.0	4	6	Local	\$ -	\$ -	\$ 1,324,475	\$ 1,324,475	RARF	\$ 927,132	No	Admin Mod. Decreased costs.
Mesa	2013	2015	MES150-10CZ2	Mesa Dr: US-60 (Superstition Fwy) to Southern	Construct roadway widening	1.0	4	6	Local	\$ -	\$ -	\$ 9,146,700	\$ 9,146,700	RARF	\$ 6,402,690	No	Admin Mod. Increased project costs.
Mesa	2013	2015	MES14-117CZ	Southern Ave at Country Club Dr	Construct intersection improvement	0.5	6	6	Local	\$ -	\$ -	\$ 5,379,736	\$ 5,379,736	RARF	\$ 3,765,815	No	Admin Mod. Cost adjustment for inflation.
Mesa	2013	2013	MES188-11D	Southern Ave at Higley Rd	Pre-Design/Design intersection improvement	0.5	4	6	Local	\$ -	\$ -	\$ -	\$ -	STP-MAG	\$ -	No	Amend. Delete project from the TIP. Deferred from 2013 to 2017.
Mesa	2014	2014	MES188-12RW	Southern Ave at Higley Rd	Acquire right-of-way for intersection improvement	0.5	4	6	Local	\$ -	\$ -	\$ -	\$ -	STP-MAG	\$ -	No	Amend. Delete project from the TIP. Deferred from 2014 to 2018.
Mesa	2015	2015	MES14-120CZ	Southern Ave at Higley Rd	Construct intersection improvement	0.5	4	6	Local	\$ -	\$ -	\$ -	\$ -	STP-MAG	\$ -	No	Amend. Delete project from the TIP. Deferred from 2015 to 2019.
Mesa	2013	2015	MES186-09D	Southern Ave at Lindsay Rd	Design intersection improvement	0.5	4	6	Local	\$ -	\$ -	\$ -	\$ -	CMAQ	\$ -	No	Amend. Delete project from the TIP. Deferred from 2013 to 2017.
Mesa	2014	2015	MES14-119RWZ	Southern Ave at Lindsay Rd	Acquire right-of-way for intersection improvement	0.5	4	6	Local	\$ -	\$ -	\$ -	\$ -	CMAQ	\$ -	No	Amend. Delete project from the TIP. Deferred from 2014 to 2018.
Mesa	2015	2015	MES15-119CZ	Southern Ave at Lindsay Rd	Construct intersection improvement	0.5	4	6	CMAQ	\$ -	\$ -	\$ -	\$ -	CMAQ	\$ -	No	Amend. Delete project from the TIP. Deferred from 2015 to 2019.
Mesa	2007	2012	MES12-118RZ	Southern Ave at Stapley Dr	Reimbursement for advance pre-design of intersection improvements	0.5	4	6	Local	\$ -	\$ 121,756	\$ -	\$ 121,756	RARF	\$ 121,756	No	Amend. Add new line item.
Mesa	2011	2012	MES11-016DZ3	Southern Ave at Stapley Dr	Design intersection improvement	0.5	4	6	Local	\$ -	\$ -	\$ 1,954,690	\$ 1,954,690	RARF	\$ 1,368,283	No	Admin Mod. Increased project costs.
Mesa	2013	2014	MES13-118CZ2	Southern Ave at Stapley Dr	Construct intersection improvement	0.5	4	6	Local	\$ -	\$ -	\$ 6,391,214	\$ 6,391,214	RARF	\$ 4,473,850	No	Admin Mod. Decreased project costs.
Mesa	2013	2015	MES13-118CZ	Southern Ave at Stapley Dr	Construct intersection improvement	0.5	4	6	Local	\$ -	\$ -	\$ 6,391,214	\$ 6,391,214	RARF	\$ 4,473,850	No	Admin Mod. Decreased project costs.

TABLE A: Arterial Life Cycle Program (ALCP) Project Changes to the Fiscal Year 2011-2015 MAG Transportation Improvement Program

Agency	Work Year	Reimb. Year	TIPIDN	Location	Work	Miles	Lanes Before	Lanes After	Funding	Federal	Regional	Local	Total	Reimb Fund Type	Reimb. Amount	Affects Conformity	Note
Mesa	2013	2016	MES490-09AD	Stapley Dr at University Dr	Design intersection improvement	0.5	4	6	Bonds	\$ -	\$ -	\$ 712,141	\$ 712,141	STP-MAG	\$ 498,499	No	Amend. Change project description and fund type.
Mesa	2014	2016	MES490-09ADZ	Stapley Dr at University Dr	Design intersection improvement	0.5	4	6	Local	\$ -	\$ -	\$ -	\$ -	CMAQ	\$ -	No	Amend. Delete line item from the TIP.
Mesa	2014	2016	MES490-10ARW	Stapley Dr at University Dr	Acquire right-of-way for intersection improvement	0.5	4	6	Bonds	\$ -	\$ -	\$ 1,180,936	\$ 1,180,936	STP-MAG	\$ 826,655	No	Admin Mod. Increased project costs.
Mesa	2014	2016	MES14-121CZ	Stapley Dr at University Dr	Construct intersection improvement	0.5	4	6	Local	\$ -	\$ -	\$ 4,023,686	\$ 4,023,686	STP-MAG	\$ 2,816,580	No	Amend. Add new line item to the TIP. Work to start in 2014 and continue in 2015.
Mesa	2015	2016	MES490-10ARWZ	Stapley Dr at University Dr	Acquire right-of-way for intersection improvement	0.5	4	6	Bonds	\$ -	\$ -	\$ 1,180,936	\$ 1,180,936	STP-MAG	\$ 826,655	No	Admin Mod. Increased project costs.
Mesa	2015	2016	MES13-121CZ	Stapley Dr at University Dr	Construct intersection improvement	0.5	4	6	Local	\$ -	\$ -	\$ 4,023,686	\$ 4,023,686	STP-MAG	\$ 2,816,580	No	Admin Mod. Increased project costs. Work to start in 2014.
Mesa	2013	2021	MES310-10AD	Val Vista Dr: Baseline Rd to Southern Ave	Design roadway widening	1.0	4	6	Local	\$ -	\$ -	\$ -	\$ -	STP-MAG	\$ -	No	Amend. Delete project from the TIP. Deferred from 2013 to 2018.
Mesa	2013	2021	MES310-11ARW	Val Vista Dr: Baseline Rd to Southern Ave	Acquire right-of-way for roadway widening	1.0	4	6	Local	\$ -	\$ -	\$ -	\$ -	STP-MAG	\$ -	No	Amend. Delete project from the TIP. Deferred from 2013 to 2018.
Mesa	2014	2021	MES310-11ARWZ2	Val Vista Dr: Baseline Rd to Southern Ave	Acquire right-of-way for roadway widening	1.0	4	6	Local	\$ -	\$ -	\$ -	\$ -	STP-MAG	\$ -	No	Amend. Delete project from the TIP. Deferred from 2014 to 2019.
Mesa	2014	2021	MES13-122CZ	Val Vista Dr: Baseline Rd to Southern Ave	Construct roadway widening	1.0	4	6	Local	\$ -	\$ -	\$ -	\$ -	STP-MAG	\$ -	Yes	Amend. Delete project from the TIP. Deferred from 2014 to 2019.
Peoria	2011	2012	PEO11-104RWZ	75th Avenue at Thunderbird Rd: Intersection Improvement	Acquire right-of-way for intersection improvement	0.2	4	6	Local	\$ -	\$ -	\$ 14,800	\$ 14,800	RARF	\$ -	No	Admin. Adj. Decreased project costs.
Peoria	2012	2012	PEO12-104CZ	75th Avenue at Thunderbird Rd: Intersection Improvement	Construct intersection improvement	0.2	4	6	RARF	\$ -	\$ 1,160,318	\$ 541,906	\$ 1,702,225	RARF	\$ 1,160,318	No	Admin Mod. Decreased project cost for FY 2012. Work to continue into 2013.
Peoria	2013	2013	PEO13-104CZ	75th Avenue at Thunderbird Rd: Intersection Improvement	Construct intersection improvement	0.2	4	6	Local	\$ -	\$ -	\$ 5,117,570	\$ 5,117,570	RARF	\$ -	No	Amend. Add new line item.
Peoria	2013	2021	PEO12-103CZ	83rd Avenue: Butler Rd to Mountain View	Construct roadway widening	1.0	2	4	Local	\$ -	\$ -	\$ 4,503,711	\$ 4,503,711	RARF	\$ 2,593,358	No	Amend. Increased project costs. Work initiated in 2012.
Peoria	2011	2024	PEO11-101RWZ	Lake Pleasant Pkwy: Dynamite Blvd to CAP	Acquire right-of-way for roadway widening	2.5	2	4	Local	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend: Delete line item. Work to occur in 2012.
Peoria	2012	2026	PEO11-101CZ2	Lake Pleasant Pkwy: Dynamite Blvd to CAP	Construct roadway widening	2.5	2	4	Local	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Duplicate line item. Delete from the TIP.
Peoria	2012	2012	PEO10-101DZ (Reimbursement)	Lake Pleasant Pkwy: Dynamite Blvd to CAP	Design roadway widening	2.5	2	4	Local	\$ -	\$ -	\$ -	\$ -	STP-MAG	\$ -	No	Amend. Delete duplicate TIP entry.

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Agency	Work Year	Reimb. Year	TIPIDN	Location	Work	Miles	Lanes Before	Lanes After	Funding	Federal	Regional	Local	Total	Reimb Fund Type	Reimb. Amount	Affects Conformity	Note
Peoria	2012	2012	PEO10-101DZ	Lake Pleasant Pkwy: Dynamite Blvd to CAP	Design roadway widening	2.5	2	4	Local	\$ -	\$ -	\$ 1,601,804	\$ 1,601,804	RARF	\$ 959,310	No	Admin. Adj. Decreased project costs. Changed fund type.
Peoria	2013	2025	PEO12-101CZ	Lake Pleasant Pkwy: Dynamite Blvd to CAP	Construct roadway widening	2.5	2	4	Local	\$ -	\$ -	\$ 4,185,759	\$ 4,185,759	RARF	\$ 2,930,032	No	Admin Mod. Deferred from 2011 to 2013.
Peoria	2014	TBD	PEO12-101CZ2	Lake Pleasant Pkwy: Dynamite Blvd to CAP	Construct roadway widening	2.5	2	4	Local	\$ -	\$ -	\$ 15,877,500	\$ 15,877,500	RARF	\$ 11,114,250	No	Admin Mod. Deferred from 2012 to 2014.
Phoenix	2012	2012	PHX12-101RWZ	Avenida Rio Salado: 51st Avenue to 7th Street	Acquire right-of-way for roadway widening	6.0	0	6	STP-MAG	\$ 14,453,198	\$ -	\$ 6,969,396	\$ 21,422,594	STP-MAG	\$ 14,453,198	No	Admin Mod. Increased project costs.
Phoenix	2012		PHX11-101RWZ	Avenida Rio Salado: 51st Avenue to 7th Street	Acquire right-of-way for roadway widening	6.0	0	6	STP-MAG	\$ -	\$ -	\$ -	\$ -	STP-MAG	\$ -	No	Amend. Delete line item from TIP.
Phoenix	2013	2013	PHX13-101CZ	Avenida Rio Salado: 51st Avenue to 7th Street	Construct roadway widening	6.0	0	6	STP-MAG	\$ 9,376,651	\$ -	\$ 4,018,565	\$ 13,395,215	STP-MAG	\$ 9,376,651	No	Admin Mod. Increased project costs.
Phoenix	2013		PHX13-101RWZ	Avenida Rio Salado: 51st Avenue to 7th Street	Acquire right-of-way for roadway widening	6.0	0	6	STP-MAG	\$ 8,735,423	\$ -	\$ 4,518,921	\$ 13,254,344	STP-MAG	\$ 8,735,423	No	Admin Mod. Increased project costs.
Phoenix	2014	2015	PHX14-101CZ	Avenida Rio Salado: 51st Avenue to 7th Street	Construct roadway widening	6.0	0	6	STP-MAG	\$ 7,751,290	\$ -	\$ 3,321,981	\$ 11,073,271	STP-MAG	\$ 7,751,290	No	Admin Mod. Increased project costs.
Phoenix	2015	2014	PHX15-101CZ	Avenida Rio Salado: 51st Avenue to 7th Street	Construct roadway widening	6.0	0	6	STP-MAG	\$ 4,376,651	\$ -	\$ 1,875,808	\$ 6,252,459	STP-MAG	\$ 4,376,651	No	Admin Mod. Decreased project costs.
Phoenix	2011	2011	PHX100-06D	Black Mountain Blvd: SR-51 and Loop 101 (Pima Fwy) to Deer Valley Rd	Design roadway widening	2.0	0	6	STP-MAG	\$ -	\$ -	\$ -	\$ -	STP-MAG	\$ -	No	Amend. Delete duplicate TIP entry.
Phoenix	2012	2012	PHX100-60D2	Black Mountain Blvd: SR-51 and Loop 101 (Pima Fwy) to Deer Valley Rd	Design roadway widening	2.0	0	6	STP-MAG	\$ 1,287,935	\$ -	\$ 551,972	\$ 1,839,907	STP-MAG	\$ 1,287,935	No	Admin Mod. Increased project cost.
Phoenix	2013	2013	PHX100-12C	Black Mountain Blvd: SR-51 and Loop 101 (Pima Fwy) to Deer Valley Rd	Construct roadway widening	2.0	0	6	STP-MAG	\$ 8,921,528	\$ -	\$ 3,823,512	\$ 12,745,039	STP-MAG	\$ 8,921,528	No	Admin Mod. Increased project costs.
Phoenix	2014	2014	PHX13-102CZ	Black Mountain Blvd: SR-51 and Loop 101 (Pima Fwy) to Deer Valley Rd	Construct roadway widening	2.0	0	6	STP-MAG	\$ 8,505,049	\$ -	\$ 3,645,021	\$ 12,150,070	STP-MAG	\$ 8,505,049	No	Admin Mod. Decreased project costs.
Phoenix	2011	2012	PHX11-103CZ	Sonoran Blvd: 15th Avenue to Cave Creek	Construct roadway widening	7.0	4	6	Local	\$ -	\$ -	\$ 19,916,586	\$ 19,916,586	RARF	\$ 13,941,610	No	Admin Mod. Cost increase from inflation. Additional work to occur in 2013/2014
Phoenix	2011	2012	PHX10-103DZ	Sonoran Blvd: 15th Avenue to Cave Creek	Design roadway widening	7.0	4	6	Local	\$ -	\$ -	\$ 2,524,863	\$ 2,524,863	RARF	\$ 711,116	No	Admin. Adj. Cost increase for inflation.
Phoenix	2012	2013	PHX12-103CZ	Sonoran Blvd: 15th Avenue to Cave Creek	Construct roadway widening	7.0	4	6	Local	\$ -	\$ -	\$ 7,385,859	\$ 7,385,859	RARF	\$ 5,170,102	No	Admin Mod. Cost increase from inflation. Additional work to occur in 2014
Phoenix	2013	2014	PHX13-103CZ	Sonoran Blvd: 15th Avenue to Cave Creek	Construct roadway widening	7.0	4	6	Local	\$ -	\$ -	\$ 13,192,212	\$ 13,192,212	RARF	\$ 9,193,788	No	Admin Mod. Cost increase from inflation.
Scottsdale	2014	2016	SCT14-101DZ	Carefree Hwy: Cave Creek Rd to Scottsdale Rd	Design roadway widening	2.0	2	4	Local	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete project from TIP. Deferred from 2014 to 2023.
Scottsdale	2015	2016	SCT15-101RWZ	Carefree Hwy: Cave Creek Rd to Scottsdale Rd	Acquire right-of-way for roadway widening	2.0	2	4	Local	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete project from TIP. Deferred from 2015 to 2024.

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Agency	Work Year	Reimb. Year	TIPIDN	Location	Work	Miles	Lanes Before	Lanes After	Funding	Federal	Regional	Local	Total	Reimb Fund Type	Reimb. Amount	Affects Conformity	Note
Scottsdale	2013	2013	SCT13-123RWZ	Frank Lloyd Wright at 76th/78th/82nd St: Intersection Improvements	Acquire right-of-way for intersection improvement	0.5	4	6	RARF	\$ -	\$ 70,415	\$ 30,178	\$ 100,592	RARF	\$ 70,415	No	Amend. Add new line item to the TIP.
Scottsdale	2014	2014	SCT14-123CZ	Frank Lloyd Wright at 76th/78th/82nd St: Intersection Improvements	Construct intersection improvement	0.5	4	6	RARF	\$ -	\$ 704,145	\$ 301,776	\$ 1,005,922	RARF	\$ 704,145	No	Amend. Add new line item to the TIP.
Scottsdale	2013	2015	SCT13-106DZ	Frank Lloyd Wright Frontage Rd: Northsight to Greenway-Hayden Loop	Pre-Design/Design roadway widening	0.8	0	2	Sales Tax	\$ -	\$ -	\$ 1,005,922	\$ 1,005,922	RARF	\$ 704,145	No	Admin Mod. Increased project costs.
Scottsdale	2014	2015	SCT14-106RWZ	Frank Lloyd Wright Frontage Rd: Northsight to Greenway-Hayden Loop	Acquire right-of-way for roadway widening	0.8	0	2	Sales Tax	\$ -	\$ -	\$ 2,011,843	\$ 2,011,843	RARF	\$ 1,408,290	No	Admin Mod. Increased project costs.
Scottsdale	2015	2015	SCT15-106CZ	Frank Lloyd Wright Frontage Rd: Northsight to Greenway-Hayden Loop	Construct roadway widening	0.8	0	2	RARF	\$ -	\$ 5,633,161	\$ 2,414,212	\$ 8,047,373	RARF	\$ 5,633,161	No	Admin Mod. Increased project costs.
Scottsdale	2013	2016	SCT13-103DZ	Frank Lloyd Wright -Loop 101 Traffic Interchange	Pre-Design/Design roadway widening	0.4	6	6	Local	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete item from TIP. Deferred from 2013 to 2018.
Scottsdale	2014	2016	SCT14-103CZ	Frank Lloyd Wright -Loop 101 Traffic Interchange	Construct roadway widening	0.4	6	6	Local	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	Yes	Amend. Delete item from TIP. Deferred from 2014 to 2019.
Scottsdale	2014	2016	SCT14-102PZ	Loop 101 (Pima Fwy) North Frontage Rd: Pima Rd/Princess Dr to Hayden Rd	Pre-Design roadway widening	1.0	0	2	RARF	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete project from TIP. Deferred from 2014 to 2027.
Scottsdale	2015	2016	SCT15-102CZ	Loop 101 (Pima Fwy) North Frontage Rd: Pima Rd/Princess Dr to Hayden Rd	Construct roadway widening	1.0	0	2		\$ -	\$ -	\$ -	\$ -	RARF	\$ -	Yes	Amend. Delete project from TIP. Deferred from 2015 to 2028.
Scottsdale	2015	2016	SCT15-102DZ	Loop 101 (Pima Fwy) North Frontage Rd: Pima Rd/Princess Dr to Hayden Rd	Design roadway widening	1.0	0	2		\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete project from TIP. Deferred from 2015 to 2027.
Scottsdale	2015	2016	SCT15-102RWZ	Loop 101 (Pima Fwy) North Frontage Rd: Pima Rd/Princess Dr to Hayden Rd	Acquire right-of-way for roadway widening	1.0	0	2		\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete project from TIP. Deferred from 2015 to 2028.
Scottsdale	2013	2013	SCT13-124DZ	Loop 101 South Frontage Roads	Design roadway widening	0.8	0	4	RARF		\$ 352,073	\$ 150,888	\$ 502,961	RARF	\$ 352,073	No	Amend. Add new project to the TIP.
Scottsdale	2014	2014	SCT14-124RWZ	Loop 101 South Frontage Roads	Acquire right-of-way for roadway widening	0.8	0	4	RARF	\$ -	\$ 704,145	\$ 301,776	\$ 1,005,922	RARF	\$ 704,145	No	Amend. Add new project to the TIP.
Scottsdale	2014	2015	SCT14-124CZ	Loop 101 South Frontage Roads	Construct roadway widening	0.8	0	4	Sales Tax	\$ -	\$ -	\$ 2,851,285	\$ 2,851,285	RARF	\$ 1,995,899	Yes	Amend. Add new project to the TIP.
Scottsdale	2011	2012	SCT13-105DZ	Northsight Blvd: Hayden to Frank Lloyd Wright	Pre-Design/Design roadway widening	0.4	2	4	Sales Tax	\$ -	\$ 704,145	\$ 301,776	\$ 1,005,922	RARF	\$ 704,145	No	Admin Mod. Project description change. Increased project costs
Scottsdale	2012	2013	SCT14-105RWZ 2	Northsight Blvd: Hayden to Frank Lloyd Wright	Acquire right-of-way for roadway widening	0.4	2	4	Sales Tax	\$ -	\$ 1,760,363	\$ -	\$ 1,760,363	RARF	\$ 1,760,363	No	Amend. Add new line item to the TIP.
Scottsdale	2013	2014	SCT15-105CZ	Northsight Blvd: Hayden to Frank Lloyd Wright	Construct roadway widening	0.4	2	4	Sales Tax	\$ -	\$ 4,023,686	\$ 1,724,437	\$ 5,748,123	RARF	\$ 4,023,686	No	Amend. Add new line item to the TIP.
Scottsdale	2013	2012	SCT13-114DZ	Pima Rd: Chaparral Rd to Thomas Rd	Design roadway widening	2.0	2	4	RARF	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete project from the TIP. Deferred from 2013 to 2017.

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Agency	Work Year	Reimb. Year	TIPIDN	Location	Work	Miles	Lanes Before	Lanes After	Funding	Federal	Regional	Local	Total	Reimb Fund Type	Reimb. Amount	Affects Conformity	Note
Scottsdale	2013	2013	SCT13-114CZ	Pima Rd: Chaparral Rd to Thomas Rd	Construct roadway widening	2.0	2	4	RARF	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	Yes	Amend. Delete project from the TIP. Deferred from 2013 to 2018.
Scottsdale	2014	2014	SCT14-114CZ	Pima Rd: Chaparral Rd to Thomas Rd	Construct roadway widening	2.0	2	4	RARF	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	Yes	Amend. Delete project from the TIP.
Scottsdale	2011	2013	SCT11-112CZ	Pima Rd: Krail to Chaparral Rd	Construct roadway widening	1.8	2	4	Sales Tax	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	Yes	Amend. Delete project from the TIP. Deferred from 2011 to 2016.
Scottsdale	2012	2014	SCT12-112CZ	Pima Rd: Krail to Chaparral Rd	Construct roadway widening	1.8	2	4	Sales Tax	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	Yes	Amend. Delete project from the TIP.
Scottsdale	2015	2016	SCT11-112DZ	Pima Rd: Krail to Chaparral Rd	Design roadway widening	1.8	2	4	Sales Tax	\$ -	\$ -	\$ 1,324,377	\$ 1,324,377	RARF	\$ 756,203	No	Admin Mod. Deferred from 2011 to 2015. Cost increase from inflation.
Scottsdale	2011	2014	SCT11-111DZ	Pima Rd: Thomas Rd to McDowell Rd	Design roadway widening	1.0	2	4	Sales Tax	\$ -	\$ -	\$ 350,364	\$ 350,364	RARF	\$ 245,255	No	Admin Mod. Decreased project cost.
Scottsdale	2013	2014	SCT12-111CZ	Pima Rd: Thomas Rd to McDowell Rd	Construct roadway widening	1.0	2	4	Sales Tax	\$ -	\$ -	\$ 3,995,612	\$ 3,995,612	RARF	\$ 2,794,885	No	Admin Mod. Deferred from 2012 to 2013. Increased project costs.
Scottsdale	2010	2012	SCT10-110DZ	Pima Rd: Via De Ventura to Krail	Design roadway widening	1.3	2	4	Sales Tax	\$ -	\$ -	\$ 861,312	\$ 861,312	RARF	\$ 602,918	No	Amend. Project cost increased. Work occurred in 2010.
Scottsdale	2010	2012	SCT10-110RWZ	Pima Rd: Via De Ventura to Krail	Construct roadway widening	1.3	2	4	Sales Tax	\$ -	\$ -	\$ 4,935,756	\$ 4,935,756	RARF	\$ 3,454,007	No	Amend. Increased project costs.
Scottsdale	2011	2013	SCT11-110CWZ	Pima Rd: Via De Ventura to Krail	Construct roadway widening	1.3	2	4	Sales Tax	\$ -	\$ -	\$ 2,467,878	\$ 2,467,878	RARF	\$ 1,727,003	No	Amend. Increased project costs.
Scottsdale	2012	2013	SCT12-110CZ	Pima Rd: Via De Ventura to Krail	Construct roadway widening	1.3	2	4	Sales Tax	\$ -	\$ -	\$ 2,467,878	\$ 2,467,878	RARF	\$ 1,727,003	No	Amend. Add new line item. Work to continue into 2012.
Scottsdale	2013	2015	SCT13-113CZ	Pima Rd: Via Linda to Via De Ventura	Construct roadway widening	1.3	2	4	Sales Tax	\$ -	\$ -	\$ 2,166,419	\$ 2,166,419	RARF	\$ 1,236,494	No	Admin. Adj. Cost increase for inflation.
Scottsdale	2012	2014	SCT200-06ARW	Pima Rd: Pinnacle Peak Rd to Happy Valley Rd	Acquire right-of-way for roadway widening	1.0	4	6	Sales Tax	\$ -	\$ -	\$ -	\$ -	RARF	\$ 1,345,499	No	Amend. Delete project from the TIP. Deferred from 2012 to 2016.
Scottsdale	2013	2015	SCT200-07AC	Pima Rd: Pinnacle Peak Rd to Happy Valley Rd	Construct roadway widening	1.0	4	6	Sales Tax	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	Yes	Amend. Delete project from the TIP. Deferred from 2013 to 2017.
Scottsdale	2013	2014	SCT13-007CZ	Pima Rd: Pinnacle Peak Rd to Happy Valley Rd	Construct roadway widening	1.0	4	6	Sales Tax	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	Yes	Amend. Delete project from the TIP. Deferred from 2013 to 2017.
Scottsdale	2015	2016	SCT200-06AD	Pima Rd: Pinnacle Peak Rd to Happy Valley Rd	Design roadway widening	1.0	4	6	Sales Tax	\$ -	\$ -	\$ 1,922,140	\$ 1,922,140	RARF	\$ 1,345,499	No	Amend. Deferred from 2011 to 2015. Cost increase from inflation.
Scottsdale	2014	2014	SCT14-118DZ	Raintree Drive: Loop 101 to Hayden	Pre-Design/Design roadway widening	1.0	4	6	RARF	\$ -	\$ 704,145	\$ 301,776	\$ 1,005,922	RARF	\$ 704,145	No	Amend. Add new project to the TIP.
Scottsdale	2015	2015	SCT15-118RWZ	Raintree Drive: Loop 101 to Hayden	Acquire right-of-way for roadway widening	1.0	4	6	RARF	\$ -	\$ 3,520,874	\$ 1,508,733	\$ 5,029,608	RARF	\$ 3,520,874	No	Amend. Add new project to the TIP.
Scottsdale	2013	2015	SCT13-122DZ	Raintree Extension: Hayden to Redfield	Pre-Design/Design roadway widening	0.3	0	4	Sales Tax	\$ -	\$ -	\$ 1,508,882	\$ 1,508,882	RARF	\$ 1,056,218	No	Amend. Add new project to the TIP.

TABLE A: Arterial Life Cycle Program (ALCP) Project Changes to the Fiscal Year 2011-2015 MAG Transportation Improvement Program

Agency	Work Year	Reimb. Year	TIPIDN	Location	Work	Miles	Lanes Before	Lanes After	Funding	Federal	Regional	Local	Total	Reimb Fund Type	Reimb. Amount	Affects Conformity	Note
Scottsdale	2013	2016	SCT13-122RWZ	Raintree Extension: Hayden to Redfield	Acquire right-of-way for roadway widening	0.3	0	4	Sales Tax	\$ -	\$ -	\$ 2,514,804	\$ 2,514,804	RARF	\$ 1,760,363	No	Amend. Add new project to the TIP.
Scottsdale	2013	2016	SCT13-122CZ	Raintree Extension: Hayden to Redfield	Construct roadway widening	0.3	0	4	Sales Tax	\$ -	\$ -	\$ 6,035,529	\$ 6,035,529	RARF	\$ 4,224,871	Yes	Amend. Add new project to the TIP.
Scottsdale	2014	2016	SCT14-122RWZ	Raintree Extension: Hayden to Redfield	Acquire right-of-way for roadway widening	0.3	0	4	Sales Tax	\$ -	\$ -	\$ 2,514,804	\$ 2,514,804	RARF	\$ 1,760,363	No	Amend. Add new project to the TIP.
Scottsdale	2014	2016	SCT14-122CZ	Raintree Extension: Hayden to Redfield	Construct roadway widening	0.3	0	4	Sales Tax	\$ -	\$ -	\$ 6,035,529	\$ 6,035,529	RARF	\$ 4,224,871	Yes	Amend. Add new project to the TIP.
Scottsdale	2013	2013	SCT13-104DZ	Raintree -Loop 101 Traffic Interchange	Pre-Design/Design roadway widening	0.4	4	6	RARF	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete project from the TIP. Deferred from 2013 to 2016.
Scottsdale	2014	2014	SCT14-104CZ	Raintree -Loop 101 Traffic Interchange	Construct roadway widening	0.4	4	6	RARF	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	Yes	Amend. Delete project from the TIP. Deferred from 2014 to 2017.
Scottsdale	2013	2015	SCT14-107DZ	Redfield Rd: Scottsdale Rd to Hayden	Design roadway widening	1.2	2	4	Sales Tax	\$ -	\$ -	\$ 502,961	\$ 502,961	RARF	\$ 352,073	No	Admin Mod. Advanced from 2014 to 2013. Increased project cost.
Scottsdale	2014	2015	SCT15-107CZ	Redfield Rd: Scottsdale Rd to Hayden	Construct roadway widening	1.2	2	4	Sales Tax	\$ -	\$ -	\$ 5,029,608	\$ 5,029,608	RARF	\$ 3,520,725	No	Admin Mod. Advanced from 2015 to 2014. Increased project cost.
Scottsdale	2015	2016	SCT15-107CZ2	Redfield Rd: Scottsdale Rd to Hayden	Construct roadway widening	1.2	2	4	Sales Tax	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete line item from the TIP.
Scottsdale	2013	2013	SCT13-109DZ	Scottsdale Rd: Pinnacle Peak to Jomax Rd	Design roadway widening	2.0	4	6	RARF	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete project from the TIP. Deferred from 2013 to 2017.
Scottsdale	2014	2014	SCT14-109RWZ	Scottsdale Rd: Pinnacle Peak to Jomax Rd	Acquire right-of-way for roadway widening	2.0	4	6	RARF	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete project from the TIP. Deferred from 2014 to 2018.
Scottsdale	2015	2015	SCT15-109CZ	Scottsdale Rd: Pinnacle Peak to Jomax Rd	Construct roadway widening	2.0	4	6	RARF	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	Yes	Amend. Delete project from the TIP. Deferred from 2015 to 2019.
Scottsdale	2010	2012	SCT10-014PDZ	Scottsdale Rd: Thompson Peak Pkwy to Pinnacle Peak Rd	Design roadway widening	2.0	4	6	Sales Tax	\$ -	\$ -	\$ 282,749	\$ 282,749	RARF	\$ 197,924	No	Admin. Adj. Decreased project costs.
Scottsdale	2011	2012	SCT11-014DZ	Scottsdale Rd: Thompson Peak Pkwy to Pinnacle Peak Rd	Design roadway widening	2.0	4	6	Sales Tax	\$ -	\$ -	\$ 785,275	\$ 785,275	RARF	\$ 515,780	No	Admin. Adj. Decreased project costs.
Scottsdale	2013	2014	SCT12-014CZ	Scottsdale Rd: Thompson Peak Pkwy to Pinnacle Peak Rd	Construct roadway widening	2.0	4	6	Sales Tax	\$ -	\$ -	\$ 11,368,746	\$ 11,368,746	RARF	\$ 3,814,225	No	Admin Mod. Deferred from 2012 to 2013.
Scottsdale	2011	2012	SCT11-014CZ	Shea at 120/124th Streets	Acquire right-of-way for intersection improvement	0.4	6	6	RARF	\$ -	\$ -	\$ 42,152	\$ 42,152	RARF	\$ 29,506	No	Amend. Increased project costs.
Scottsdale	2011	2012	SCT08-930	Shea at 120/124th Streets	Construct intersection improvement	0.4	6	6	RARF	\$ -	\$ -	\$ 910,232	\$ 910,232	RARF	\$ 637,162	No	Amend. Increased project costs.
Scottsdale	2015	2025	SCT08-936	Shea Blvd - 96th St to 144th St ITS Improvements	Design ITS improvement	6.3	6	6	Sales Tax	\$ -	\$ -	\$ 632,275	\$ 632,275	RARF	\$ 442,592	No	Amend. Deferred from 2011 to 2015. Cost increase from inflation.
Scottsdale	2012	2025	SCT09-937	Shea Blvd - 96th St to 144th St ITS Improvements	Acquire right-of-way for ITS improvement	6.3	6	6	Sales Tax	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete from the TIP. Deferred from 2012 to 2016.

TABLE A: Arterial Life Cycle Program (ALCP) Project Changes to the Fiscal Year 2011-2015 MAG Transportation Improvement Program

Agency	Work Year	Reimb. Year	TIPIDN	Location	Work	Miles	Lanes Before	Lanes After	Funding	Federal	Regional	Local	Total	Reimb Fund Type	Reimb. Amount	Affects Conformity	Note
Scottsdale	2012	2025	SCT10-938	Shea Blvd - 96th St to 144th St ITS Improvements	Construct ITS improvement	6.3	6	6	Sales Tax	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete from the TIP. Deferred from 2012 to 2016,
Scottsdale	2011	2014	SCT11-120DZ	Shea Blvd at 125th Street	Design intersection improvement	0.3	6	6	Local	\$ -	\$ -	\$ 125,740	\$ 125,740	RARF	\$ 88,018	No	Amend. Add project to the TIP. Work conducted in 2011.
Scottsdale	2013	2013	SCT13-108DZ	Thunderbird-Raintree Loop	Pre-Design/Design roadway widening	0.3	0	4	RARF	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete project from the TIP.
Scottsdale	2014	2014	SCT14-108RWZ	Thunderbird-Raintree Loop	Acquire right-of-way for roadway widening	0.3	0	4	RARF	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete project from the TIP.
Scottsdale	2015	2015	SCT15-108RWZ	Thunderbird-Raintree Loop	Acquire right-of-way for roadway widening	0.3	0	4	RARF	\$ -	\$ -	\$ -	\$ -	RARF	\$ -	No	Amend. Delete project from the TIP.

NOTE: Reimbursement Years listed as 'TBD' are unfunded reimbursements due to a deficit of program funds in the ALCP. The programmed reimbursements are contingent on the availability of program funds.

### FY2012 TSOP Project Summary

Agency	Project Type	Number of agencies	Project category	Intersections in the Project	Signal Timing Optimized at	Estimated Cost	Estimated Cost of B/A Study	Total Cost	SYNCHRO Training (#persons)
Chandler	Traffic Data Collection	1	Single Agency	38	38	\$13,000.00	\$11,400	\$24,400.00	
Glendale									3
Gilbert	Traffic Data Collection	1	Single Agency	30	30	\$16,000.00	\$9,000	\$25,000.00	1
Maricopa County	Signal Optimization	1	Single Agency	11	11	\$25,000.00	\$5,940	\$30,940.00	2
Peoria	Signal Optimization	1	Single Agency	12	12	\$25,000.00	\$1,440	\$26,440.00	2
Phoenix	SYNCHRO Model & Signal Optimization	1	Single Agency	66	10	\$25,000.00	\$4,000	\$29,000.00	3
Queen Creek									1
Scottsdale & ADOT	Signal Optimization	2	Regional	9	9	\$60,000.00	\$4,860	\$64,860.00	2
Tempe	Signal Optimization	1	Single Agency	17	17	\$25,000.00	\$5,100	\$30,100.00	1
MAG	SYNCHRO Training	8				\$10,000.00		\$10,000.00	
<b>TOTAL</b>				<b>183</b>	<b>127</b>	<b>\$199,000</b>	<b>\$41,740</b>	<b>\$240,740</b>	<b>15</b>

# MARICOPA ASSOCIATION OF GOVERNMENTS

## INFORMATION SUMMARY... for your review

**DATE:**

November 29, 2011

**SUBJECT:**

L101 / Maryland HOV Ramp Connection

**SUMMARY:**

In July 2010, the Regional Council approved a \$9.0 million increase in the budget to construct High Occupancy Vehicle (HOV) lanes on Loop 101 from Tatum Boulevard to the junction with Interstate-10 in the West Valley so that the freeway in the vicinity of the Maryland Avenue overpass could be widened to accommodate the future construction of ramps that would provide direct access to the L101 HOV lanes from Maryland Avenue. As part of the MAG Regional Council action, the ramp connections were included in the MAG Regional Transportation Plan as an illustrative project. The program budget to add the HOV lanes to L101 was \$148.5 million. The HOV lane project is almost completed and ADOT expects the final costs for the project to be less than the revised engineers estimate of \$112.2 million.

The initial plan for the Maryland Overpass included direct connection ramps to provide access to a nearby park-and-ride lot and the Westgate / Jobing.com Arena / University of Phoenix stadium complex. The construction of the HOV ramps would not only provide carpools and transit vehicles direct access to the HOV lanes, the additional access ramps would also provide improved traffic flow during events at this major regional activity center including the 2015 Super Bowl.

The final component of the project is the construct the ramp connections from the overpass to the L101 HOV lanes. ADOT estimates the cost of this project to be \$14.5 million although ADOT thinks the final cost could be less as the project may be built as a design-build project. Glendale has identified about \$8.0 million that is in the Statewide Transportation Acceleration Needs Account (STAN) for the MAG region that they are proposing to use to pay for a portion of the project. Glendale is proposing that the balance of the regional funding of up to \$7.5 million be used to cover the remaining cost of the project. If the cost to construct the ramps is less than ADOT's estimate, the regional share of the project would be reduced. Since the cost savings to construct the L101 HOV lanes was estimated to be at least \$36.3 million, the additional cost of the HOV ramps could be accommodated by the program cash flow.

**PUBLIC INPUT:**

None.

**PROS & CONS:**

Pros: By building the HOV ramp connections at Maryland Avenue, HOV users including carpools and transit vehicles have better access to the L101 HOV lanes. In addition, the additional ingress and egress improves traffic conditions during major events at this major regional activity center.

Cons: The additional costs reduces the available cash flow for the regional freeway / highway program.

**TECHNICAL & POLICY IMPLICATIONS:**

Technical: The ramps can be built fairly quickly since the L101 has already been widened in the vicinity of Maryland Avenue in anticipation of the ramps being constructed.

**POLICY:** Direct HOV ramp connections improve the access to the HOV lanes by transit and car pool vehicles and will substantially improve access to the Westgate / Jobing.com Arena and University of Phoenix stadium.

**ACTION NEEDED:**

Recommend the approval a new project to add HOV direct connection ramps at the L101 and Maryland Avenue for an estimated cost of \$14.5 million, that the remaining uncommitted funds in the Statewide Transportation Acceleration Needs Account (STAN) for the MAG region, estimated to be approximately \$8.0 million, be allocated to this project with the MAG Freeway / Highway program paying for the balance of the costs up to \$7.5 million, and that the FY 2010-2014 MAG Transportation Improvement Program and the Regional Transportation Plan 2010 Update be amended, pending a finding of air quality conformity.

**PRIOR COMMITTEE ACTIONS:**

None

**CONTACT PERSON:**

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