

May 21, 2014

TO: Members of the MAG Transportation Review Committee

FROM: David Fitzhugh, City of Avondale, Chair

SUBJECT: MEETING NOTIFICATION AND TRANSMITTAL OF TENTATIVE AGENDA

Thursday, May 29, 2014, 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 Alex Oreschak 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 August 21, 2013 all MAG committees need to have a quorum in order to conduct business. A quorum is a simple majority of the membership based on the attendance of the three (3) previous MAG TRC meetings. 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 Alex Oreschak at (602) 254-6300 if you have any questions or need additional information.

TENTATIVE AGENDA

	COMMITTEE ACTION REQUESTED
1. <u>Call to Order</u>  For the May 29, 2014 meeting, the quorum requirement is 13 committee members.	
2. <u>Approval of Draft April 24, 2014 Minutes</u>	2. Approve Draft minutes of the April 24, 2014 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.
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>Arterial Life Cycle Program Status Report December 2013 – April 2014</u>  The Arterial Life Cycle Program Status Report provides detail about the status of	5A. For information and discussion.
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projects, revenues, and other relevant program information for the period between December 2013 and April 2014. This is the program's nineteenth status report and second published in Fiscal Year 2014. Please see the enclosed material for more information.

\*5B. Project Changes – Amendment and Administrative Modification to the FY 2014-2018 MAG Transportation Improvement Program, and to the 2035 Regional Transportation Plan

The Fiscal Year (FY) 2014-2018 MAG Transportation Improvement Program (TIP) and 2035 Regional Transportation Plan (RTP) were approved by the MAG Regional Council on January 28, 2014 and have been modified 2 times with the last modification pending approval on May 28, 2014. Since then there is a need to make project changes.

Highway project changes are included in Table C. Project clarifications for the Regional Transportation Plan Freeway Program and member agency projects are also included and may require conformity determinations and final approval will be contingent on a finding of conformity. The conformity will be heard as a separate agenda item beginning at the MAG Management Committee on June 11, 2014.

General highway and transit project changes that may require a conformity consultation are included in Table D. Please refer to the enclosed material.

5B. Approval of amendments and administrative modifications to the FY 2014-2018 MAG Transportation Improvement Program, and as appropriate, to the 2035 Regional Transportation Plan.

ITEMS TO BE HEARD

6. MAG Federally Funded, Locally Sponsored Project Development Status Report

The MAG Federal Fund Programming Guidelines & Procedures, approved by the

6. Approval of the MAG Federally Funded, Locally Sponsored Project Development Status Report, and of actions that defer, delete, advance, and change projects; and of the necessary amendments and administrative modifications to the FY

MAG Regional Council on October 26, 2011, outline the requirements for local agencies to submit status information on the development of their federally funded projects. The Project Development Status Report focuses mainly on projects funded with sub-allocated Federal Highway Administration funds including Congestion Mitigation and Air Quality Improvement (CMAQ), Highway Safety Improvement Program (HSIP-MAG), and Transportation Alternative (TAP\_MAG) region-wide that are programmed to obligate in Federal Fiscal Year (FFY) 2015, 2016, and 2017. Also included in the report are Surface Transportation Program (STP-MAG) projects in Pinal County.

The Project Development Status Report identifies the projects that are requesting a deferral to a later year, are requesting to be deleted or to have funds reprogrammed, and that are projected to obligate based on the schedule submitted.. Agenda item 5B; Project Changes – Amendment and Administrative Modification to the FY 2014-2018 MAG Transportation Improvement Program, and to the 2035 Regional Transportation Plan; lists the individual detail of project change line items for the requested FY 2014-2018 MAG Transportation Improvement Program and the 2035 Regional Transportation Plan amendments and modifications. Additional material will be provided prior to the meeting.

7. Draft Fiscal Year 2015 Arterial Life Cycle Program

The Regional Transportation Plan (RTP) identified 94 arterial street projects to receive funding from the regional sales tax extension and from MAG federal funds. The Arterial Life Cycle Program (ALCP) serves as the financial management tool to implement these projects. Information contained the ALCP includes project

2014-2018 MAG Transportation Improvement Program, and as appropriate, to the 2035 Regional Transportation Plan.

7. Recommend approval of (1) the Draft FY 2015 Arterial Life Cycle Program and (2) amendments and administrative modifications to the 2035 Regional Transportation Plan and the FY 2014-2018 MAG Transportation Improvement Program, as appropriate.

location, regional funding, fiscal year for work, type of work, status of project, and identification of the Lead Agency. As part of the ALCP process, Lead Agencies update project information annually. MAG staff has programmed the Draft Fiscal Year (FY) 2015 ALCP based on the updated revenue streams, information provided by Lead Agencies, and the principles defined in the new ALCP Policies and Procedures. Additional material will be provided prior to the meeting.

8. Interstate 10/Interstate 17 Corridor Master Plan

On August 12, 2013, the MAG Regional Council Executive Committee amended the FY 2014 MAG Unified Planning Work Program and Annual Budget for \$2,500,000 with Regional Freeway and Highway Program funds to develop the Interstate 10/Interstate 17 Corridor Master Plan. This project is in response to the 2012 decision for suspending the two environmental impact statement (EIS) studies for the corridor between the SR-101L/Agua Fria-Pima “North Stack” and SR-202L/Santan-South Mountain “Pecos Stack” traffic interchanges. By studying both corridors together, rather than separately, certain economies of scale can be realized to establish a common vision and operating principles for accommodating existing and future travel demand. MAG has contracted with HDR, Inc. to deliver the Corridor Master Plan and the project effort has started. The Transportation Review Committee will be briefed on project’s planning process and the schedule for developing the Interstate 10/Interstate 17 Corridor Master Plan.

9. MAG Bicycle and Pedestrian Pathway/Railroad Crossing Recommendations Report

MAG staff and Kimley-Horn will present to the Committee an update to the MAG

8. For information and discussion.

9. For information, discussion, and possible acceptance of the MAG Bicycle and Pedestrian Pathway/Railroad Crossings Recommendations Report.

Bicycle and Pedestrian Pathway/Railroad Crossing Recommendations Report. Throughout Maricopa County there are several existing and planned pedestrian/bicycle shared-use paths that cross railroad tracks that are not located on public streets or at intersections. There was previously no clear framework for the treatment of these unique path crossings of railroads. This report developed regional guidelines that MAG member agencies may utilize to work with railroads and utility companies to develop safe, appropriate crossing treatments.

10. 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.

11. 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.

12. Next Meeting Date

The meeting scheduled for Thursday, June 26, 2014 has been CANCELED. The next regular Transportation Review Committee meeting will be scheduled Thursday, July 31, 2014 at 10:00 a.m. in the MAG Office, Saguaro Room.

10. For information and discussion.

11. For information.

12. For information.

DRAFT MINUTES OF THE  
MARICOPA ASSOCIATION OF GOVERNMENTS  
TRANSPORTATION REVIEW COMMITTEE

April 24, 2014

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

MEMBERS ATTENDING

Avondale: David Fitzhugh, Chair  
Phoenix: Rick Naimark, Vice Chair  
ADOT: Kwi-Sung Kang for Floyd  
Roehrich  
Buckeye: Jose Heredia for Scott Lowe  
#Cave Creek: Ian Cordwell  
Chandler: Dan Cook  
El Mirage: Jorge Gastelum  
Fountain Hills: Randy Harrel  
Gila Bend: Ernie Rubi  
\*Gila River: Tim Oliver  
Gilbert: Kristin Myers for Leah Hubbard  
Glendale: Debbie Albert  
Goodyear: Cato Esquivel

Litchfield Park: Julius Diogenes for Woody  
Scoutten  
Maricopa (City): Paul Jepson  
Maricopa County: John Hauskins  
Mesa: Jeff Martin for Scott Butler  
\*Paradise Valley: Jim Shano  
Peoria: Andrew Granger  
Queen Creek: Mohamed Youssef  
Scottsdale: Todd Taylor for Paul Basha  
Surprise: Martin Lucero for Dick McKinley  
Tempe: Marge Zylla for Shelly Seyler  
Valley Metro: John Farry  
\*Wickenburg: Vince Lorefice  
Youngtown: Grant Anderson

EX-OFFICIO MEMBERS ATTENDING

\*Street Committee: Charles Andrews,  
Avondale  
\*ITS Committee: Catherine Hollow, City of  
Tempe  
FHWA: Ed Stillings

\* Bicycle/Pedestrian Committee: Denise  
Lacey, Maricopa County  
\*Transportation Safety Committee: Renate  
Ehm, City of Mesa

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

OTHERS PRESENT

Margaret Boone, MAG  
John Bullen, MAG  
Alice Chen, MAG  
Roger Herzog, MAG  
Chaun Hill, MAG  
Sarath Joshua, MAG  
Teri Kennedy, MAG  
David Massey, MAG  
Alex Oreschak, MAG  
Nathan Pryor, MAG  
Brian Rubin, MAG  
Amy St. Peter, MAG

Steve Tate, MAG  
Eileen Yazzie, MAG  
Farzana Yasmin, ADOT  
Eric Gudino, ADOT  
Reza Karimvand, ADOT  
George Diaz, City of Buckeye  
Samuel Stevenson, Valley Metro  
Todd Cencimino, Burgess & Niple  
Ogbonna Abarikwu, The CK Group, Inc.  
Art Brooks, Strand Associates, Inc.  
Steve Jimenez, SCI

1. Call to Order

Chairman David Fitzhugh from the City of Avondale called the meeting to order at 10:01 a.m. Chairman Fitzhugh noted that the quorum requirement for the April 24, 2014 TRC meeting was 13 committee members.

2. Approval of Draft March 27, 2014 Minutes

Mr. John Hauskins from Maricopa County motioned to approve the minutes. Mr. Jeff Martin from the City of Mesa seconded, and the motion passed by a unanimous voice vote of the Committee.

3. Call to the Audience

There were no public comments from the audience.

4. Transportation Director's Report

Chairman Fitzhugh invited Mr. Roger Herzog, Senior Project Manger at MAG, to provide the Transportation Director's Report.

Mr. Herzog noted that in March 2014, the half cent sales tax revenue increased 8.5% over revenues from March 2013, 0.6% higher than estimated growth. Year to date, the half cent sales tax revenue increased 8% over 2013, and has recorded \$362 million in revenue for the fiscal year, still below the high of \$391 million in 2007. The Highway User Revenue Fund (HURF) revenue in March 2014 increased 2.8% over revenues from March 2013. Year to date, the HURF revenues increased 2.8% over 2013, and are projected to total \$1.22 billion this year, still below the high of \$1.38 billion in 2007.

5. Consent Agenda

Addressing the next item of business, Chairman Fitzhugh directed the Committee's attention to the consent agenda items 5A - FY 2015-2017 MAG TA Non-Infrastructure Safe Routes to School Projects and 5B - FY 2015 Title VI and Environmental Justice Program. Chairman Fitzhugh asked the Committee if there were any questions or comments. Seeing none, Chairman Fitzhugh requested a motion. Mr. Hauskins motioned to approve the consent agenda. Mr. Rick Naimark from City of Phoenix seconded, and the motion passed by a unanimous voice vote of the Committee.

5A. FY 2015-2017 MAG TA Non-infrastructure Safe Routes to School Projects

The MAG Transportation Review Committee, by consent, approved the FY 2015-2017 MAG TA Non-infrastructure Safe Routes to School Projects.

## 5B. FY 2015 Title VI and Environmental Justice Program

The MAG Transportation Review Committee, by consent, approved the FY 2015 Title VI and Environmental Justice Program.

### 6. Arizona Department Of Transportation Loan Program And Northern Arizona Loan Request

Chairman Fitzhugh invited Ms. Teri Kennedy from MAG to present on the Arizona Department Of Transportation Loan Program And Northern Arizona Loan Request.

Ms. Kennedy noted that the item was on the agenda for recommended approval. Ms. Kennedy explained that the ADOT Councils of Governments, including the Metropolitan Planning Organizations, have developed a statewide loan program to address sub-allocated FHWA funds that annually need to be expended; if funds are not spent in the year that they are programmed, the funds will be swept from the region. MAG was approached by the Northern Arizona Council of Governments (NACOG). NACOG would like MAG to take on funding from them this year, available because some of their projects have slipped from their implementation schedule. The funds would be repaid to NACOG from FY 2016 to FY 2019. \$4,252,198 would be transferred from NACOG to MAG in 2014. The repayment schedule indicates that no interest would be charged for this loan.

Ms. Kennedy explained that MAG held a CMAQ closeout process in February 2014, and all eligible requests were met. In March 2014, MAG held a HSIP closeout process, and all eligible requests were met. Ms. Kennedy indicated that the funds from NACOG could be used to advance ALCP projects that are federally funded, that are already underway, and that could advance. Those ALCP project must obligate at ADOT by June 30, 2014.

Ms. Kennedy noted that the NACOG funds would go toward three projects: Avenida Rio Salado in Phoenix, Northern Parkway in Maricopa County, and the Main Street: Mesa Drive to Gilbert Road Light Rail Extension in Mesa. This proposal would allow MAG to fill in gaps between available funding and expenditures, and will allow MAG to advance other projects moving forward. Ms. Kennedy provided an overview of ALCP goals for programming FHWA funds: advance underway FHWA funded projects to fully utilize FFY 2014 federal revenues, advance other projects funded with STP or CMAQ funding based on projected revenues and project schedules, narrow the expenditure to revenue gaps across the program, and maintain financially constrained program.

Ms. Kennedy stated that MAG is able to take on funding from NACOG because MAG is minimizing carry-forward funding in the region, and can now find uses for the funding. MAG ended last year with negative \$400,000 in carry-forward, which was possible because the project workbooks are helping to ensure project schedules are addressed and funds are spent effectively. ADOT has allowed MAG up to \$1 million of leeway to meet the target last year of zero carry forward.

Ms. Kennedy requested action for approval of entering into a loan agreement with NACOG, and, if the committee chose to do so, advancement of the projects outlined in the presentation.

Mr. Martin asked if the motion would include the outlined projects. Ms. Kennedy replied that inclusion of the projects would be preferable.

Chairman Fitzhugh asked for a motion. Mr. Martin moved to recommend approval with the inclusion of advancement of the projects outlined in the presentation. Ms. Kristin Myers from Town of Gilbert seconded the motion, and the motion passed by a unanimous voice vote of the Committee.

7. Project Changes - Amendment and Administrative Modification to the FY 2014-2018 MAG Transportation Improvement Program

Chairman Fitzhugh invited Ms. Teri Kennedy from MAG to present on the Project Changes - Amendment and Administrative Modification to the FY 2014-2018 MAG Transportation Improvement Program.

Ms. Kennedy noted that there was no formal presentation for this item, but that all the information was included in the agenda packet and updated mailout. Ms. Kennedy noted that there was one correction to the project changes. On April 23, 2014, ADOT Priority Planning Committee moved to increase the total cost of Project DOT-14 429 from \$197,000 to \$297,000.

Chairman Fitzhugh asked for a motion. Mr. Dan Cook from the City of Chandler moved to recommend approval. Mr. Grant Anderson from the Town of Youngtown seconded the motion, and the motion passed by a unanimous voice vote of the Committee.

8. Update to the Arterial Life Cycle Program Policies and Procedures

Chairman Fitzhugh invited Mr. John Bullen from MAG to present on the update to the Arterial Life Cycle Program (ALCP) Policies and Procedures.

Mr. Bullen noted that the item was on the agenda for action. Mr. Bullen provided an overview of the ALCP, which serves as the financial management tool for the arterial component of the Regional Transportation Plan (RTP). The ALCP is guided by the ALCP Policies and Procedures, which were last approved by the MAG Regional Council on December 9, 2009. On April 29, 2013, the Managers Working Group convened to discuss changes to the ALCP policies. There was concurrence that the Policies and Procedures should be revised to strength project commitment, better define the annual program development and budget process, and include a toolkit of program rebalancing methodologies. The Managers Working Group asked that the ALCP Working Group reconvene to update the ALCP Policies and Procedures. The ALCP Working Group held seven meetings between August 2013 and February 2014 to discuss the proposed changes.

Mr. Bullen explained that there were two elements added to the policies to strengthen project commitments. The first change would require an agency's Town or City Manager (or a department-level director or higher designee) to provide an annual commitment letter. The second change would be the creation of programming principals. Within the programming principles, the group looked at a possible deferral policy, but determined that it would be difficult to implement. The programming principles included a proactive approach to project

commitment. The programming principles would address reimbursements programmed in the short term (two to three years) with work-based milestones. This will ensure that the projects meet milestones prior to reimbursement, and advancement priorities were developed to fill gaps when projects became delayed. In order to implement the policy, MAG would first collect work information. Next, MAG would evaluate project progress against work milestones. MAG would defer reimbursements in accordance with progress, and would move reimbursements up to fill gaps.

The update to the Policies and Procedures also adds language requiring that program deficits and surpluses go to the Managers Working Group first. The policies were revised to create a toolbox of rebalancing methodologies to provide options for the Managers Working Group. Lastly, the policies have been updated to include lessons learned since 2009. Federal fund invoice approval and payment processes has been documented, administrative requirements were streamlined, and the match requirements for federally funded projects have been addressed.

Mr. Cook noted that Mr. Bullen and Ms. Kennedy did an excellent job of completing the process of updating the ALCP Policies and Procedures. Mr. Martin agreed with Mr. Cook's statement.

Chairman Fitzhugh asked for a motion. Mr. Martin moved to recommend approval. Mr. Cook seconded the motion, and the motion passed by a unanimous voice vote of the committee.

#### 9. Freeway Management System (FMS) Expansion – Revised Budget and Schedule

Chairman Fitzhugh invited Mr. Sarath Joshua from MAG to present on the Freeway Management System (FMS) Expansion – Revised Budget and Schedule.

Mr. Joshua noted that the MAG ITS committee recommended this item to the Transportation Review Committee. Additionally, the TRC agenda referred to the 2010 RTP update, while it should refer to the 2035 RTP update.

Mr. Joshua provided an overview of the key functions of FMS. The key functions are to monitor traffic flow on the freeway system, reduce congestion through effective traffic management strategies during peak periods, manage traffic during traffic incidents, and coordinate with DPS and emergency response agencies to manage traffic at crash sites and restore traffic flow. Mr. Joshua provided a photo of the ADOT Traffic Operations Center, which was updated in 2013. Mr. Joshua also noted that travel time display during peak periods and real-time freeway traffic speed maps are additional functions of FMS.

Mr. Joshua explained that benefits to the region from the FMS include reduced freeway congestion, improved safety through prompt crash clearance, well-informed travelers with access to real-time freeway condition information, and support of freeway performance measurement.

Mr. Joshua noted that the RTP set aside \$8,700,000 each year in CMAQ funds for FMS projects. The RTP also includes \$720,000 a year in state funds for FMS preservation and \$120,000 in state funds for travel time displays, for a total of \$9,560,000 a year for FMS coverage expansion. In 2003, there were 83 miles of FMS coverage in the region. The 2003 RTP planned for 125 new miles of FMS coverage by 2025, for a total of 211 miles of FMS coverage by 2025. By the end

of 2014 there will be 160 miles of FMS coverage, and the proposed FMS expansion would reach a total of 265 miles by 2021 and would also include SR-303.

Mr. Joshua described the recommended MAG FMS study. The study would include a state of the practice review of urban FMSs, recommendations for the first phase of Active Traffic Management, exploit new traffic data sources to help reduce infrastructure costs, evaluate staffing needs and tools for complex traffic operations, and add new features such as reducing wrong-way freeway entry. The study would be funded by MAG through the Unified Planning Work Program (UPWP) by 2017, with the study scope being developed by the ITS Committee.

Mr. Anderson asked whether this was an appropriate time to ask the committee to request a study by 2017, and asked whether this proposed study would redirect funds from other projects. Mr. Joshua noted that there has not been a FMS study looking into the future of the FMS system. Mr. Anderson clarified that he thought the study is a good idea, but that he was worried that providing MAG funding for the project would take funding away from other worthy studies. Mr. Joshua clarified that the decision of whether the study should be funded would be made by MAG during the work program process.

Mr. Cook asked what the timeline of the proposed budget and schedule approval would be, and what the cost of the proposed study would be. Mr. Joshua noted that MAG did not have an estimate for the budget of the proposed study at this time. Mr. Ferry asked whether the proposed study should be addressed as part of the Unified Planning Work Program (UPWP) process and not through the TRC. Mr. Joshua noted that the UPWP process for the current year was nearly complete, and that it was too late to include this study into the current UPWP.

Mr. Cook recommended that the item be deferred to the next month's agenda. Mr. Joshua noted that the proposed project schedule would go through 2021 and that the budget would go through 2025. Mr. Martin asked what the savings would be that could go toward implementing additional FMS projects, or advancing other projects. Mr. Joshua noted that the entire system was being completed, with \$35 million remaining that could be dedicated to other projects beyond the existing proposed system, or could be considered as savings. Mr. Martin noted that some segments of the freeway system have very low traffic, and wondered whether there was value in spending money on these segments at this time.

Mr. Hauskins noted that normal project prioritization includes a 5-year plan, while the FMS system indicates a 10-year plan for project prioritization. Mr. Hauskins noted that MAG may be looking too far into the future for funding approval, and that five years may be a more appropriate timeframe for approval. Mr. Cook agreed with Mr. Hauskins that MAG should bring back additional details in a five year program rather than a ten year program, with additional information on the scope and budget of the proposed study. Chairman Fitzhugh asked whether there were any fatal flaws or issues that would result from deferring action and asking MAG to return next month with additional information. Mr. Kwi-Sung Kang from ADOT noted that ADOT is in the process of approving a new five year plan, and that ADOT was planning to approve that plan in June 2014. Mr. Kang noted that ADOT would prefer that a five year program approval be passed, which would help ADOT in the budget approval process.

Chairman Fitzhugh asked whether ADOT could tentatively include the FMS projects while the

TRC tabled the motion until the next month. Mr. Reza Karimvand from ADOT noted that approving the five-year budget and schedule, while tabling the proposed study and the future years of the budget and schedule, would be acceptable in terms of ADOT's budget process. Ms. Debbie Albert from the City of Glendale asked whether all of the money in the proposed budget has already been allocated in the Regional Transportation Plan. Mr. Joshua indicated that was correct. Ms. Albert asked whether the proposed study would look at how to potentially program the already allocated \$35 million that did not have specific projects attached to it. Mr. Joshua noted that was correct. Ms. Myers noted that the proposed study would not affect ADOT's five year program, as it is a separate study that would be done by MAG. Mr. Cook asked what the total amount of the budget recommended for approval was. Mr. Kang responded that the approval was \$8.72 million per year.

Chairman Fitzhugh asked for a motion. Mr. Cook moved to recommend approval of a five-year program as detailed in the attachment, with \$8.72 million per year, as well as a recommendation that the proposed study be included in the MAG UPWP process, with MAG returning to TRC at a later date to provide more information on what the cost of that study would be. Mr. Martin seconded the motion, and the motion passed by a unanimous voice vote of the Committee.

#### 10. Draft - Transit Oriented Development (TOD) Regional Strategy

Chairman Fitzhugh invited Ms. Eileen Yazzie from MAG to present on the Draft - Transit Oriented Development (TOD) Regional Strategy.

Ms. Yazzie noted that the item was on the agenda for action. Ms. Yazzie explained that the TOD strategy was a joint strategy previously approved by Valley Metro and the MAG Transit Committee. The strategy promotes the integration of land use and transportation planning to leverage and increase transit ridership in the high-capacity transit system. Ms. Yazzie noted that Valley Metro Rail started a transit-oriented development (TOD) working group in 2011, which was expanded to include all member agencies, not only those with high-capacity transit systems.

Ms. Yazzie mentioned that additional collaborations were occurring throughout the region, including the Sustainable Communities Collaborative, which has a \$25 million financial fund to support development along the light rail, including affordable housing. Ms. Yazzie explained that MAG would have the main role in promoting regional TOD principles in this strategy, including assessment of regional TOD potential as a part of system planning, incorporating and supporting TOD principles with regional planning goals, and collaborating in the development of a regional TOD plan.

Chairman Fitzhugh asked what comments were received from the development community, and what parts of the industry were involved. Ms. Yazzie noted that the development community has not participated in the TOD working group as yet, but they have contributed with collaborative efforts such as the Sustainable Communities Collaborative, and in the MAG STLUIS study. Mr. Martin expressed appreciation for MAG and Valley Metro for their work on developing the TOD strategy, and noted that educating people to the benefits of TOD is important. Mr. Naimark agreed with Mr. Martin's comments, and noted that the strategy is forward-thinking.

Chairman Fitzhugh asked for a motion. Mr. Martin moved to recommend approval. Mr. Naimark

seconded the motion, and the motion passed by a unanimous voice vote of the Committee.

11. Request for Future Agenda Items

Chairman Fitzhugh requested topics or issues of interest that the Transportation Review Committee would like to have considered for discussion at a future meeting.

12. Member Agency Update

Chairman Fitzhugh offered opportunities for member agencies to present updates to their community. Mr. Hauskins noted that Maricopa County was hosting an AZTECH Executive Committee meeting, which would include releasing the AZTECH Regional Information System. Mr. Hauskins noted that Maricopa County would be glad to present on the technology at TRC, if requested.

Mr. Naimark noted that the City of Phoenix was applying for a TIGER grant, with the application due on April 24, 2014, as discussed at the March 27, 2014 TRC meeting. Mr. Farry noted that Valley Metro has created the Mayor Scruggs Internship after Ms. Scruggs retired from the Valley Metro Board, and introduced the first intern hired under that title, Sam Stephenson. Mr. Paul Jepson from the City of Maricopa noted that the City of Maricopa's membership in MAG had been a great asset to the City in their project efforts.

13. Next Meeting Date

The next regular Transportation Review Committee meeting is scheduled for Thursday, May 29, 2014 at 10:00 a.m. in the MAG Office, Saguaro Room.

There being no further business, Chairman Fitzhugh adjourned the meeting at 11:10 a.m.

# **ATTACHMENT #1**

**Agenda #5A**

# **MARICOPA ASSOCIATION OF GOVERNMENTS**

## **INFORMATION SUMMARY... for your review**

**DATE:**

May 21, 2014

**SUBJECT:**

Arterial Life Cycle Program Status Report - December 2013 through April 2014

**SUMMARY:**

The Arterial Life Cycle Program (ALCP) is the financial management tool for the arterial street component of the Regional Transportation Plan (RTP). Management of the program is guided by the ALCP Policies and Procedures, which were approved by the MAG Regional Council on December 9, 2009. The ALCP Policies and Procedures require that a status report is provided to MAG committee members to give an update on all project requirements and financial information. The ALCP Status Report has traditionally been published on a semiannual basis.

The December 2013 through April 2014 Status Report is the second for FY2014. The report provides information on the 48 projects scheduled for work and/or reimbursement this fiscal year. Of these 48 projects, 11 are in the design phase, 13 are in the right-of-way-acquisition phase, and 24 are in the construction phase. It is anticipated that 10 of these projects are or will be completed and open to traffic by July 1, 2014.

Scheduled ALCP project reimbursements in FY2014 total \$69.6 million. Federal funds comprise \$20.4 million of the total programmed reimbursements while the remaining balance of \$49.2 million is programmed with the ½-cent sales tax allocated to arterial roads, known as the Regional Area Road Fund (RARF). Through March, actual RARF revenue collections in FY2014 have totaled \$28.5 million, which is slightly higher than what had been projected in the October 2013 Arizona Department of Transportation revenue forecast.

A list of ALCP Project Requirements received to date can be found on Pages 4 and 5 of the attached ALCP Status Report. The report also provides additional detail on the status of projects, revenues, and other relevant program information..

**PUBLIC INPUT:**

None has been received.

**PROS & CONS:**

PROS: The ALCP Status Report represents a valuable tool to monitor the ALCP and the arterial component of the MAG Regional Transportation Plan.

CONS: None.

**TECHNICAL & POLICY IMPLICATIONS:**

TECHNICAL: The information in the ALCP Status Report provides an update on all project requirements and financial information.

POLICY: The ALCP Status Report is required by the ALCP Policies and Procedures, which were approved by the MAG Regional Council on December 9, 2009.

**ACTION NEEDED:**

Information and discussion.

**PRIOR COMMITTEE ACTIONS:**

None.

**CONTACT PERSON:**

John Bullen, Transportation Planner II, (602) 254-6300.

# Arterial Life Cycle Program



## Status Report

December 2013 - April 2014



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Page 1: ALCP Revenue and Finance

Page 2: ALCP Project Highlight: Avenida Rio Salado

Page 3: FY2014 Arterial Life Cycle Program

Page 3: ALCP Project Status

Pages 4-9: ALCP Project Status Tables

**ALCP REVENUE AND FINANCE**

In November 2004, the voters of Maricopa County approved Proposition 400, which extended the ½-cent sales tax for transportation through 2025. The tax extension was divided among freeways (56.2%), transit (33.3%) and arterial streets (10.5%). The portion of the tax extension allocated to arterial streets is managed through the Arterial Life Cycle Program (ALCP). Table 1 provides a breakdown of Proposition 400 revenues collected in fiscal year (FY) 2014 by mode.

<b>TABLE 1. FY 2014 PROPOSITION 400 COLLECTIONS (July 2013 - March 2014)</b>				
	Freeways	Arterial Streets	Transit	TOTAL
July	\$16,770,890	\$3,133,351	\$9,937,200	\$29,841,441
August	\$16,192,021	\$3,025,200	\$9,594,205	\$28,811,425
September	\$16,336,945	\$3,052,276	\$9,680,076	\$29,069,298
October	\$16,269,696	\$3,039,712	\$9,640,229	\$28,949,637
November	\$16,396,049	\$3,063,319	\$9,715,097	\$29,174,465
December	\$16,784,713	\$3,135,934	\$9,945,390	\$29,866,037
January	\$21,131,969	\$3,948,144	\$12,521,255	\$37,601,368
February	\$15,971,324	\$2,983,966	\$9,463,436	\$28,418,726
March	\$16,718,374	\$3,123,540	\$9,906,083	\$29,747,996
<b>TOTAL</b>	<b>\$152,571,980</b>	<b>\$28,505,441</b>	<b>\$90,402,970</b>	<b>\$271,480,392</b>

*\*Amount excludes debt service from Prop 300*

In addition to the half-cent sales tax, the Regional Transportation Plan (RTP) allocates federal Surface Transportation Program – MAG Funds (STP-MAG) and federal Congestion Mitigation and Air Quality Improvement Program Funds (CMAQ) to fund projects in the ALCP.

Revenues from the ½-cent sales tax allocated to arterials are deposited into the Regional Area Road Fund (RARF) arterial account on a monthly basis. Actual RARF revenue collections in FY 2014 were slightly higher (1.6%) than the October 2013 Arizona Department of Transportation (ADOT) RARF revenue forecast. Table 2 provides a summary of estimated versus actual arterial RARF revenue collections over that period.

Fiscal Year 2014 started on July 1, 2013. Through March, \$28.1 million of additional RARF revenues have been deposited into the arterial account. To date, approximately \$283.4 million Regional Area Road Funds have been collected for arterial improvements in the region, \$5.5 million has been earned through income from investments, and more than \$274.7 million of project expenses have been reimbursed. As of the end of April 2014, the RARF project account balance was \$14.2 million.



The RTP dedicates approximately 3.65% percent of the ALCP RARF funds for planning and implementation studies in the region. The funding allocated for implementation studies is contingent on RARF revenue collections. As a result, the amounts programmed in the ALCP are estimates derived the ADOT RARF revenue forecasts published annually. The remaining regional budget for the implementation studies fluctuate concurrently with the forecasts. Since 2006, nearly \$10.2 million in RARF revenues have been deposited into the RARF Studies account.

<b>TABLE 2. TOTAL ARTERIAL RARF COLLECTIONS Estimate v. Actual FY2014 (July 2013 - March 2014)</b>			
	Estimated Total RARF	Actual Total RARF*	Percentage Difference
July	\$3,139,710	\$3,133,351	-0.2%
August	\$2,925,090	\$3,025,200	3.4%
September	\$3,027,255	\$3,052,276	0.8%
October	\$3,069,885	\$3,039,712	-1.0%
November	\$3,002,265	\$3,063,319	2.0%
December	\$3,088,470	\$3,135,934	1.5%
January	\$3,674,475	\$3,948,144	7.4%
February	\$3,036,915	\$2,983,966	-1.7%
March	\$3,105,900	\$3,123,540	0.6%
<b>TOTAL</b>	<b>\$28,069,965</b>	<b>\$28,505,441</b>	<b>1.6%</b>

*\*Amount excludes debt service from Prop 300*

For more information about the MAG Implementation and Planning Studies, please see the appendices in the approved Arterial Life Cycle Program available for download at: <http://www.azmag.gov/ALCP>

**ALCP PROJECT HIGHLIGHT:  
AVENIDA RIO SALADO**

On February 17, 2014 an event was held to commemorate the groundbreaking for the Avenida Rio Salado project in Phoenix.

In attendance were Congressman Ed Pastor, Mayor Greg Station, and Phoenix Councilmembers Michael Nowakowski, Kate Gallego, and Laura Pastor.

The Avenida Rio Salado project includes intersection improvements, roadway widening and extension, sidewalks, bicycle lanes, landscaping, and street lighting along Broadway Road/Avenida Rio Salado from 51<sup>st</sup> Avenue to 7<sup>th</sup> Street. Construction is expected to be complete by December 2015.



For additional information about the Avenida Rio Salado project, please contact the City of Phoenix Street Transportation Department at (602) 262-6284 or visit the project’s website: <http://www.avenidariosalado.com/>.



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## FY 2014 ARTERIAL LIFE CYCLE PROGRAM

On January 29, 2014, the MAG Regional Council approved an update to the FY2014 Arterial Life Cycle Program, the MAG FY 2014-2018 Transportation Improvement Program (TIP), and the 2035 Regional Transportation Plan (RTP). An electronic copy of the updated FY 2014 ALCP may be downloaded from the MAG website at:

<http://www.azmag.gov/ALCP>

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## ALCP PROJECT STATUS

Detailed information about projects underway is provided in Tables 4 and 5. Table 4 lists whether projects are programmed for work and/or reimbursement in FY2014, the amount programmed for reimbursement in FY2014, and ALCP project requirements submitted to-date. Table 5 details project reimbursements and expenditures for projects programmed for work and/or reimbursement in FY2014.

This is the 19th Status Report for the Arterial Life Cycle Program. Semi-annually, MAG provides member agencies with an update on the projects in the ALCP. This report and all other ALCP information are available online at: <http://www.azmag.gov/ALCP>.

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Transportation  
Division



**TABLE 3. FY 2014 ARTERIAL LIFE CYCLE PROGRAM**  
SCHEDULE FOR PROJECTS PROGRAMMED FOR WORK AND/OR REIMBURSEMENT IN FY14

RTP Project	Programmed in the FY14 ALCP	Programmed Reimb. in FY14 (millions)	Reimb. in FY 2014 (millions)	ALCP Project Requirements		
				Overview (PO)	Agreement (PA)	Needed in FY14
<b>CHANDLER</b>						
Chandler Blvd at Alma School Rd: Intersection Improvements	Work and Reimbursement	\$ 0.600	\$ 0.141	Completed 3/2008	Completed 7/2008	PRR
Gilbert Rd: Queen Creek Rd to Hunt Hwy	Work and Reimbursement	\$ 0.777	\$ -	Completed 5/2012	Completed 8/2012	PRR
Gilbert Rd: Queen Creek Rd to Ocotillo Rd	Work and Reimbursement	\$ 1.889	\$ 0.661	Completed 5/2012	Completed 8/2012	PRR
Gilbert Rd: Ocotillo Rd to Chandler Heights	Work Only	\$ -	\$ -	Completed 5/2012	Completed 1/2014	PRR*
Gilbert Rd: Chandler Heights Rd to Hunt Hwy	Work and Reimbursement	Funds Obligated in FFY13	\$ -	Completed 5/2012	Completed 1/2014	PRR
McQueen Rd: Ocotillo Rd to Riggs Rd (Design/ROW Only)	Work Only	\$ -	\$ -	Completed 4/2013	Completed 8/2013	PRR*
McQueen Rd: Ocotillo Rd to Chandler Heights (Construction Only)	Work and Reimbursement	Funds Obligated in FFY13	\$ -	Completed 4/2013	Completed 4/2014	PRR
Ocotillo Rd: Arizona Ave to McQueen Rd	Work and Reimbursement	\$ 4.356	\$ 0.553	Completed 4/2013	Completed 1/2014	PRR
<b>CHANDLER &amp; GILBERT</b>						
Queen Creek Rd: McQueen Rd to Gilbert Rd	Work and Reimbursement	Funds Obligated in FFY13	\$ -	Completed 4/2014	---	PA/PRR
<b>EL MIRAGE</b>						
El Mirage Rd: Cactus to Grand & Thunderbird Rd: 127th Ave to Grand	Work and Reimbursement	\$ 1.788	\$ 0.725	Completed 9/2013	Completed 11/2013	PRR
Thunderbird Rd: 127th Ave to Grand Avenue	Work Only	\$ -	\$ -	Completed 9/2013	Completed 11/2013	PRR*
El Mirage Rd: Peoria Ave to Cactus Rd	Work Only	\$ -	\$ -	Completed 10/2013	Completed 1/2014	PRR*
<b>FOUNTAIN HILLS</b>						
Shea Blvd: Technology Dr to Cereus Wash	Work and Reimbursement	\$ 0.783	\$ -	Completed 8/2008	Completed 10/2008	PRR
<b>GILBERT</b>						
Germann Rd: Val Vista Dr to Higley Rd	Work Only	\$ -	\$ -	Completed 4/2013	Completed 5/2013	PRR*
Guadalupe Rd at Cooper Rd: Intersection Improvements	Work and Reimbursement	\$ 2.594	\$ -	Completed 5/2012	Completed 10/2010	PRR
Guadalupe Rd at Gilbert Rd: Intersection Improvements	Work and Reimbursement	\$ 1.240	\$ -	Completed 4/2013	Completed 5/2013	PRR
<b>GILBERT/MARICOPA COUNTY/MESA/QUEEN CREEK</b>						
Power Rd: Santan Fwy to Pecos Rd	Work and Reimbursement	\$ 4.700	\$ 4.700	Completed 4/2012	Completed 11/2012	None
<b>MARICOPA COUNTY</b>						
El Mirage Rd: Bell Rd to Picerne Dr	Work Only	\$ -	\$ -	Completed 1/2013	Completed 7/2013	PRR*
El Mirage Rd: Northern Ave to Peoria Ave	Work and Reimbursement	\$ 0.471	\$ 0.087	Completed 11/2012	Completed 1/2013	PRR
McKellips Rd: Loop 101 to SRP-MIC/Alma School Rd	Work and Reimbursement	Funds Obligated in FFY13	\$ -	---	Completed 12/2013	PRR
Northern Parkway (Phase I): Sarival to Dysart	Work and Reimbursement	Funds Obligated in FFY 10/11	\$ 6.646	Completed 4/2010	Completed 3/2011	PRR
Northern Parkway (Phase II): Sarival to Dysart	Work and Reimbursement	Funds Obligated in FFY 12/13	\$ 0.019	Completed 11/2012	Completed 1/2013	PRR
Northern Parkway (Phase II): Dysart to 111th	Work and Reimbursement	Funds Obligated in FFY 12/13	\$ 2.245	Completed 6/2012	Completed 11/2012	PRR
Northern Parkway (Phase II): Reems and Litchfield Overpasses	Work and Reimbursement	Funds Obligated in FFY13	\$ 0.006	Completed 6/2012	Completed 11/2012	PRR

\* Per the ALCP Policies and Procedures approved on December 9, 2009, only the Progress Report Section of PRR is required

SCHEDULE FOR PROJECTS PROGRAMMED FOR WORK AND/OR REIMBURSEMENT IN FY14

RTP Project	Programmed in the FY14 ALCP	Programmed Reimb. in FY14 (millions)	Reimb. in FY 2014 (millions)	ALCP Project Requirements		
				Overview (PO)	Agreement (PA)	Needed in FY14
<b>MARICOPA COUNTY (Cont'd)</b>						
Northern Parkway (Phase II): Northern Ave at Loop 101	Work Only	\$ -	\$ -	Completed 11/2012	Completed 1/2013	PRR*
Northern Parkway (Phase II): Dysart Overpass	Work Only	\$ -	\$ -	Completed 9/2013	Completed 11/2013	PRR*
Northern Parkway (Phase II) : ROW Protection	Work Only	\$ -	\$ -	Completed 9/2013	Completed 1/2014	PRR*
<b>MESA</b>						
Mesa Dr: US 60 to Southern Ave	Work and Reimbursement	\$ 3.191	\$ 3.027	Completed 3/2007	Completed 1/2008	PRR
Mesa Dr at Broadway Rd: Intersection Improvements	Work Only	\$ -	\$ -	Completed 9/2009	Completed 12/2009	PRR*
Southern at Country Club Dr: Intersection Improvements	Work and Reimbursement	\$ 1.793	\$ -	Completed 2/2012	Completed 4/2012	PRR
Southern at Stapley Dr: Intersection Improvements	Work and Reimbursement	\$ 2.580	\$ -	Completed 3/2007	Completed 6/2007	PRR
<b>PEORIA</b>						
Lake Pleasant Pkwy: Dynamite Blvd to CAP	Work Only	\$ -	\$ -	Completed 5/2006	Completed 10/2011	PRR*
<b>PHOENIX</b>						
Avendia Rio Salado: 51st Avenue to 7th Street	Work and Reimbursement	\$ 8.418	\$ 1.483	Completed 1/2012	Completed 5/2012	PRR
Black Mountain Blvd: SR-51 and Loop 101/Pima Fwy to Deer Valley Rd	Work and Reimbursement	\$ 18.151	\$ 2.418	Completed 10/2007	Completed 6/2012	PRR
Sonoran Blvd: 15th Ave to Cave Creek	Reimbursement Only	\$ 9.194	\$ 9.194	Completed 11/2010	Completed 10/2011	None
<b>SCOTTSDALE</b>						
Pima Rd: Via Linda to Via De Ventura	Work Only	\$ -	\$ -	Completed 4/2010	---	PA/PRR*
Pima Rd: Thomas Rd to McDowell Rd	Work and Reimbursement	\$ 0.048	\$ -	Completed 4/2010	---	PA/PRR
Northsight Blvd: Hayden to Frank Lloyd Wright Blvd	Work and Reimbursement	\$ 6.302	\$ 4.750	Completed 4/2010	Completed 6/2012	PRR
Frank Lloyd Wright Frontage Rd: Northsight to Greenway-Hayden Loop	Work Only	\$ -	\$ -	---	---	PO/PA/PRR*
Redfield Rd: Scottsdale Rd to Hayden	Work Only	\$ -	\$ -	---	---	PO/PA/PRR*
Raintree Extension: Hayden to Redfield	Work Only	\$ -	\$ -	---	---	PO/PA/PRR
Raintree Drive: Loop 101 to Hayden	Work Only	\$ -	\$ -	---	---	None
Frank Lloyd Wright at 76th/78th/82nd Street: Intersection Improvements	Work and Reimbursement	\$ 0.844	\$ 0.398	Completed 4/2012	Completed 6/2012	None
Southbound Loop 101 Frontage Road Connections	Work Only	\$ -	\$ -	---	---	PO/PA/PRR*
Airpark DCR	Work and Reimbursement	\$ 0.482	\$ 0.274	Completed 4/2013	Completed 5/2013	PRR
Scottsdale Rd: Thompson Peak Pkwy to Pinnacle Peak Pkwy	Work and Reimbursement	\$ 5.582	\$ 2.113	Completed 5/2010	Completed 7/2010	PRR
Shea Blvd: 96th St to 144th St ITS Improvements	Work Only	\$ -	\$ -	---	---	PO/PA/PRR*
Shea at 136th St: Intersection Improvements	Work Only	\$ -	\$ -	---	---	PO/PA/PRR*

\* Per the ALCP Policies and Procedures approved on December 9, 2009, only the Progress Report Section of PRR is required

**TABLE 4A. ARTERIAL LIFE CYCLE PROGRAM**  
STATUS OF RARF-FUNDED PROJECTS UNDERWAY IN FISCAL YEAR 2014  
Consistent with the Fiscal Year 2014 ALCP approved on January 29, 2014

FACILITY/LOCATION	SCHEDULE FOR WORK (W) AND/OR REIMB. (R)	REGIONAL FUNDING					TOTAL EXPENDITURES			FINAL FY for CONST	LENGTH* (Miles)	OTHER PROJECT INFORMATION
		Reimb through FY13 (YOES\$)	FY 2014 Est. Reimb. (201\$)	Est. Reimb FY15-FY26 (201\$)	Total Reimb FY06-FY26 (201\$, YOES\$)	Unfunded Due to Deficit (201\$)	Expend through FY13 (YOES\$)	Estimated Future Expend FY14-FY26 (201\$)	Total Expend FY06-FY26 (201\$, YOES\$)			
	FY 2014											
<b>CHANDLER</b>												
Chandler Blvd at Alma School Rd: Intersection Improvements	W/R	0.481	0.600	2.866	3.947	0.942	0.687	11.204	11.891	2015	0.30	
Gilbert Rd: Queen Creek Rd to Hunt Hwy	W/R	2.467	0.777	0.777	4.021	0.000	3.729	0.905	4.634	2014	4.00	Design & ROW Only
Gilbert Rd: Queen Creek Rd to Ocotillo Rd	W/R	5.649	1.889	1.889	9.426	0.000	8.121	1.326	9.447	2014	1.00	Construction Only
Gilbert Rd: Ocotillo Rd to Chandler Heights	W	0.000	0.000	6.160	6.160	0.000	4.853	4.853	9.706	2014	1.00	Construction Only
McQueen Rd: Ocotillo Rd to Riggs Rd	W	0.000	0.000	1.997	1.997	0.000	1.997	0.000	1.997	2014	2.00	Design & ROW Only
Ocotillo Rd: Arizona Ave to McQueen Rd	W/R	0.000	4.356	5.295	9.651	1.408	1.838	16.843	18.680	2014	1.00	
<b>EL MIRAGE</b>												
El Mirage Rd: Cactus to Grand & Thunderbird Rd: 127th Ave to Grand	W/R	0.000	1.788	0.000	1.788	0.000	2.554	1.044	3.598	2014	2.60	Design Only
Thunderbird Rd: 127th Ave to Grand Avenue	W	0.000	0.000	2.817	2.817	0.000	0.000	4.034	4.034	2016	0.60	ROW & Construction Only
El Mirage Rd: Peoria Ave to Cactus Rd	W	0.000	0.000	7.612	7.612	0.000	0.000	10.875	10.875	2016	1.00	ROW & Construction Only
<b>FOUNTAIN HILLS</b>												
Shea Blvd: Technology Dr to Cereus Wash	W/R	0.248	0.783	2.094	3.125	0.000	0.354	4.576	4.930	2014	0.80	
<b>GILBERT</b>												
Germann Rd: Val Vista Dr to Higley Rd	W	0.000	0.000	17.816	17.816	0.000	1.142	22.252	23.394	2015	2.00	
Guadalupe Rd at Cooper Rd: Intersection Improvements	W/R	0.191	2.594	2.018	4.803	0.000	0.823	9.389	10.213	2014	0.50	
Guadalupe Rd at Gilbert Rd: Intersection Improvements	W/R	0.092	1.240	2.443	3.775	0.000	0.132	7.064	7.196	2015	0.50	

Reimb. Reimbursement(s)

YOE Year of Expenditure

\$ Dollars

\* Measured in centerline miles

FY Fiscal Year

Expend Expend/Expenditures

Est Estimated

STATUS OF RARF-FUNDED PROJECTS UNDERWAY IN FISCAL YEAR 2014  
Consistent with the Fiscal Year 2014 ALCP approved on January 29, 2014

FACILITY/LOCATION	SCHEDULE FOR WORK (W) AND/OR REIMB. (R)	REGIONAL FUNDING					TOTAL EXPENDITURES			FINAL FY for CONST	LENGTH* (Miles)	OTHER PROJECT INFORMATION
		Reimb through FY13 (YOES\$)	FY 2014 Est. Reimb. (2011\$)	Est. Reimb FY15-FY26 (2011\$)	Total Reimb FY06-FY26 (2011\$, YOES\$)	Unfunded Due to Deficit (2011\$)	Expend through FY13 (YOES\$)	Estimated Future Expend FY14-FY26 (2011\$)	Total Expend FY06-FY26 (2011\$, YOES\$)			
	FY 2014											
<b><u>GILBERT/MARICOPA COUNTY/MESA/QUEEN CREEK</u></b>												
Pow er Rd: Santan Fwy to Pecos Rd	W/R	3.491	4.700	7.257	15.448	0.000	10.386	36.078	46.464	2014	1.50	
<b><u>MARICOPA COUNTY</u></b>												
El Mirage Rd: Bell Rd to Picerne Dr	W	0.000	0.000	0.000	0.000	0.000	5.378	1.635	7.013	2014	0.50	
El Mirage Rd: Northern Ave to Peoria Ave	W/R	0.000	0.471	9.856	10.327	0.000	0.115	14.638	14.753	2015	2.00	
<b><u>MESA</u></b>												
Mesa Dr: US 60 to Southern Ave	W/R	7.659	3.191	4.231	15.080	0.000	10.941	10.435	21.376	2014	1.00	
Mesa Dr at Broadway Rd: Intersection Improvements	W	0.056	0.000	8.217	8.273	0.000	0.079	20.457	20.536	2016	1.00	
Southern at Country Club Dr: Intersection Improvements	W/R	0.342	1.793	3.766	5.901	0.000	0.852	8.402	9.254	2015	0.50	
Southern at Stapley Dr: Intersection Improvements	W/R	0.594	2.580	8.948	12.122	0.000	0.850	15.950	16.800	2017	0.50	
<b><u>PEORIA</u></b>												
Lake Pleasant Pkw y: Dynamite Blvd to CAP	W	0.000	0.000	13.867	13.867	11.114	10.852	24.747	35.599	2014	2.50	
<b><u>PHOENIX</u></b>												
Sonoran Blvd: 15th Ave to Cave Creek	W/R	23.378	9.194	0.000	32.572	0.000	46.638	0.000	46.638	2014	8.00	
<b><u>SCOTTSDALE</u></b>												
Pima Rd: Via Linda to Via De Ventura	W	0.000	0.000	1.339	1.339	0.000	0.000	2.354	2.354	2015	1.30	
Pima Rd: Thomas Rd to McDowell Rd	W/R	0.000	0.048	6.080	6.128	0.000	0.000	8.761	8.761	2015	1.00	
Northsight Blvd: Hayden to Frank Lloyd Wright Blvd	W/R	1.746	6.302	1.195	9.243	0.000	2.696	10.508	13.204	2014	0.40	
Frank Lloyd Wright Frontage Rd: Northsight to Greenway-Hayden Loop	W	0.000	0.000	7.746	7.746	0.000	0.000	11.065	11.065	2015	0.75	

Reimb. Reimbursement(s)

YOE Year of Expenditure

\$ Dollars

\* Measured in centerline miles

FY Fiscal Year

Expend Expended/Expenditures

Est Estimated

STATUS OF RARF-FUNDED PROJECTS UNDERWAY IN FISCAL YEAR 2014  
Consistent with the Fiscal Year 2014 ALCP approved on January 29, 2014

FACILITY/LOCATION	SCHEDULE FOR WORK (W) AND/OR REIMB. (R)	REGIONAL FUNDING					TOTAL EXPENDITURES			FINAL FY for CONST	LENGTH* (Miles)	OTHER PROJECT INFORMATION
		Reimb through FY13 (YOE\$)	FY 2014 Est. Reimb. (201\$)	Est. Reimb FY15-FY26 (201\$)	Total Reimb FY06-FY26 (201\$, YOE\$)	Unfunded Due to Deficit (201\$)	Expend through FY13 (YOE\$)	Estimated Future Expend FY14-FY26 (201\$)	Total Expend FY06-FY26 (201\$, YOE\$)			
	FY 2014											
<b>SCOTTSDALE (Cont'd)</b>												
Redfield Rd: Scottsdale Rd to Hayden	W	0.000	0.000	3.873	3.873	0.000	0.000	5.533	5.533	2014	1.20	
Raintree Extension: Hayden to Redfield	W/R	0.000	0.000	13.522	13.522	0.000	0.000	19.318	19.318	2015	0.30	
Raintree Drive: Loop 101 to Hayden	W	0.000	0.000	11.266	11.266	0.000	0.000	16.423	16.423	2016	1.00	
Frank Lloyd Wright at 76th/78th/82nd Street: Intersection Improvements	W/R	0.000	0.844	0.000	0.844	0.000	1.207	0.000	1.207	2014	1.00	
Southbound Loop 101 Frontage Road Connections	W	0.000	0.000	3.052	3.052	0.000	0.000	4.360	4.360	2014	0.75	
Airpark DCR	W/R	0.229	0.475	0.000	0.704	0.000	0.328	0.678	1.006	2014	0.00	Design Only
Scottsdale Rd: Thompson Peak Pkw y to Pinnacle Peak Pkw y	W/R	4.503	5.582	7.628	17.714	0.000	6.827	19.934	26.761	2014	2.00	
Shea Blvd: 96th St to 144th St ITS Improvements	W	0.000	0.000	2.360	2.360	0.000	0.000	3.372	3.372	2014	2.00	
Shea at 136th St: Intersection Improvements	W	0.000	0.000	0.376	0.376	0.000	0.000	0.537	0.537	2014	1.00	

Reimb. Reimbursement(s)  
FY Fiscal Year

YOE Year of Expenditure  
Expend Expend/Expenditures

\$ Dollars  
Est Estimated

\* Measured in centerline miles

**TABLE 4B. ARTERIAL LIFE CYCLE PROGRAM**  
STATUS OF FEDERALLY FUNDED PROJECTS UNDERWAY IN FISCAL YEAR 2014  
Consistent with the Fiscal Year 2014 ALCP approved on September 16, 2013

FACILITY/LOCATION	SCHEDULE FOR WORK (W) AND/OR REIMB. (R)	OBLIGATIONS					TOTAL EXPENDITURES			FINAL FY for CONST	LENGTH* (Miles)	OTHER PROJECT INFORMATION
		Obligated through FFY13	Est. Obligations FFY14	Est. Obligations FFY15-FFY26	Total Federal Funding FFY2006-FFY2026	Unfunded Due to Deficit (2011\$)	Expend through FY13 (YOES)	Estimated Future Expend FY14-FY26 (2011\$)	Total Expend FY06-FY26 (2011\$,YOES)			
	FY 2014											
<b>CHANDLER</b>												
Gilbert Rd: Chandler Heights Rd to Hunt Hwy	W/R	2.048	0.000	1.480	3.528	1.770	0.000	10.194	10.194	2014	1.00	Construction Only
McQueen Rd: Ocotillo Rd to Chandler Heights	W/R	3.896	0.000	0.000	3.896	0.000	0.000	4.131	4.131	2014	1.00	Construction Only
<b>CHANDLER &amp; GILBERT</b>												
Queen Creek Rd: McQueen Rd to Gilbert Rd	W/R	1.515	0.000	5.933	7.448	5.112	0.000	19.016	19.016	2021	2.00	
<b>MARICOPA COUNTY</b>												
McKellips Rd: Loop 101 to SRP-MIC/Alma School Rd	W/R	0.581	0.000	22.304	22.885	14.567	0.000	23.186	23.186	2019	2.00	
Northern Parkway (Phase I): Sarival to Dysart	W/R	60.219	0.000	0.000	60.219	0.000	79.171	2.822	81.993	2014	4.10	
Northern Parkway (Phase II): Sarival to Dysart	W/R	2.896	0.000	0.000	2.896	0.000	0.000	3.069	3.069	2014	4.10	
Northern Parkway (Phase II): Dysart to 111th	W/R	5.103	1.412	20.231	26.747	0.000	4.796	33.639	38.435	2015	2.50	
Northern Parkway (Phase II): Reems and Litchfield Overpasses	W/R	7.214	0.000	0.000	7.214	0.000	0.835	25.357	26.192	2014	0.20	
Northern Parkway (Phase II): Northern Ave at Loop 101	W	0.000	0.000	8.448	8.448	0.000	0.000	12.299	12.299	2016	0.50	
Northern Parkway (Phase II): Dysart Overpass	W	0.000	0.000	23.357	23.357	0.000	0.000	33.066	33.066	2016	0.10	
Northern Parkway (Phase II) : ROW Protection	W	0.000	0.000	1.400	1.400	0.000	0.000	2.000	2.000	2016	12.50	ROW Only
<b>PHOENIX</b>												
Avendia Rio Salado: 51st Avenue to 7th Street	W/R	30.357	8.418	5.918	44.693	0.000	35.373	8.292	43.664	2015	6.00	
Black Mountain Blvd: SR-51 and Loop 101/Pima Fwy to Deer Valley Rd	W/R	1.879	18.151	2.500	22.530	0.000	3.271	29.502	32.772	2015	2.00	

Reimb. Reimbursement(s)

YOE Year of Expenditure

\$ Dollars

\* Measured in centerline miles

FY Fiscal Year

Expend Expended/Expenditures

Est Estimated

# **ATTACHMENT #2**

**Agenda Item #5B**

# **MARICOPA ASSOCIATION OF GOVERNMENTS**

## **INFORMATION SUMMARY... for your review**

**DATE:**

May 21, 2014

**SUBJECT:**

Project Changes – Amendment and Administrative Modification to the FY 2014-2018 MAG Transportation Improvement Program, and to the 2035 Regional Transportation Plan.

**SUMMARY:**

The Fiscal Year (FY) 2014-2018 MAG Transportation Improvement Program (TIP) and 2035 Regional Transportation Plan (RTP) were approved by the MAG Regional Council on January 28, 2014 and have been modified 2 times with the last modification pending approval on May 28, 2014. Since then there is a need to make project changes.

The project changes in Table C are highway project changes. Project clarifications for the Regional Transportation Plan Freeway Program and member agency projects are included and may require conformity determinations and final approval will be contingent on a finding of conformity. The conformity will be heard as a separate agenda item beginning at the MAG Management Committee on June 11, 2014.

General Project changes that may require a conformity consultation are included in Table D. The conformity consultation will be heard as a separate agenda item beginning at the MAG Management Committee on June 11, 2014.

**PUBLIC INPUT:**

None.

**PROS & CONS:**

PROS: Approval of this TIP amendment and administrative modification will allow the projects to proceed in a timely manner.

CONS: None.

**TECHNICAL & POLICY IMPLICATIONS:**

TECHNICAL: Projects that wish to utilize transportation federal funds need to be shown in the TIP in the year that they expect to commence and may need to undergo an air quality conformity analysis or consultation. All projects that are programmed with Federal Highway Administration Federal Fiscal Year 2014 funds must submit their project for obligation at ADOT no later than June 30, 2014 or funding may be lost from the project and from the region.

POLICY: This amendment and administrative modification request is in accord with MAG guidelines.

**ACTION NEEDED:**

Approval of amendments and administrative modifications to the FY 2014-2018 MAG Transportation Improvement Program, and as appropriate, to the 2035 Regional Transportation Plan.

**PRIOR COMMITTEE ACTIONS:**

None.

**CONTACT PERSON:**

Teri Kennedy, Transportation Improvement Program Manager, (602) 254-6300.

**TABLE C: Requested amendments and administrative modifications to the  
FY 2014-2018 MAG Transportation Improvement Program (TIP), and the 2035 Long Range Plan<sup>1</sup>, TIP AMENDMENT #4**

Sort: Section, Agency, Location, Work Year

TIP Amendment #4																				
Agency	Section	Work Year <sup>4</sup>	TIP ID	MAG ID	Location	Work	Miles	Lanes Before	Lanes After	ALI	In ALCP	TRACS	MAG Mode	Funding	Apport. Year <sup>3</sup>	Federal	Regional	Local	Total	TIP Change Request
ADOT	Highway	2014	DOT14-192	18606	10: Wild Horse Pass to Queen Creek	Roadway Widening, EB	2	4	5	----	No	----	Freeway	NHPP	2014	2,479,147	-	149,853	2,629,000	Admin: Clarification on project, Roadway widening and pavement preservation will be combined for FY2014 open for service in FY 2015. Projects will be advertised as one project, see TIP #DOT14-108.
ADOT	Highway	2014	DOT14-108	3872	10: Wild Horse Pass to Queen Creek Rd	Pavement Preservation	4	4	4	----	No	----	Freeway	NHPP	2014	5,186,500	-	313,500	5,500,000	Admin: Clarification on project, Roadway widening and pavement preservation will be combined for FY2014 open for service in FY 2015. Advance Pavement preservation from FY 2015 to FY2014. Project listings will be advertised as one project, see TIP #DOT14-192.
Avondale	Highway	2016	AVN17-407D	New	Fairway Drive, Van buren to proposed Fairway Drive T.I.	Design: Transportation Interchange.	0.3	0	4	-	No	-	Arterial	Local	-	-	-	200,000	200,000	Amend: Add project (Design)-collector, 4 thru lanes, Van Buren to proposed fairway Drive T.I.
Avondale	Highway	2017	AVN17-407C	New	Fairway Drive, Van buren to proposed Fairway Drive T.I.	Construction: Transportation Interchange.	0.3	0	4	-	No	-	Arterial	Local	-	-	-	1,700,000	1,700,000	Amend: Add project (Construction)-collector, 4 thru lanes, Van Buren to proposed Fairway Drive T.I.
Chandler	Highway	2014	CHN06-213	32395	Chandler Blvd- Colorado Street to McQueen Road	Widen roadway from 4 to 6 lanes, plus turn lanes	0.5	4	6	----	No	-	Street	Private	-	-	-	14,645,755	14,645,755	Amend: Delete from TIP - new work/active year in 2024.
Chandler	Highway	2013	CHN12-110	4811	Ocotillo, Lindsay to 148th St	Construct Road Widening	0.5	2	4	----	No	----	Street	Private	-	-	-	2,000,000	2,000,000	Amend: Project is active as of FY2014.
Goodyear	Highway	2020	GDY13-914	17657	Sarival: Indian School to Camelback	Street Improvement - Construct four lane arterial street	1	0	0	----	No	----	Street	Local	----	-	-	4,800,000	4,800,000	Amend: Delete from TIP window- new work/active year in 2020.
Phoenix	Highway	2018	PHX18-402	8184	35th Ave: Olney Dr - Dobbins	Construction Roadway	0.5	2	4	----	No	----	Street	Local	----	-	-	2,000,000	2,000,000	Amend: Change work year to 2018 and active year to 2018.
Phoenix	Highway	2016	PHX16-416	New	Sonoran Desert Drive: I-17 Freeway to North Valley Parkway	Construct Roadway	1	6	6	----	No	----	Street	Local	----	-	-	18,600,000	18,600,000	Amend: Add new construction project. Construction phase to occur in FY16, FY 17, and FY18 at \$6.2 per year, open date of Q4 2018.
Tempe	Highway	2014	TMP10-620	-	Broadway Rd: Rural Rd to Mill Ave	Acquire right-of-way and construct pedestrian and bicycle facilities improvements	1	5	4	-	No	----	Bike/Ped	CMAQ	2014	3,857,670	-	1,285,890	5,143,560	Amend: Reduce number of lanes from 5 to 4.

**Notes**

1. Rows in the report are sorted in order by the following columns: Section, Agency, Year and TIP ID. Changes are in red font. Deletions are show in strike through font.
2. The following are used to indicate MAG Committees reviewing these TIP listings for amendment: TRC = Transportation Committee, MC = Management Committee, TPC = Transportation Review Committee, RC = Regional Council
3. The year the funds were apportioned by Congress. This item is included only for informational purposes.
4. For federal projects this is the year the project will authorize. For transit this is the year the project will appear in a grant.

**TABLE D: Requested amendments and administrative modifications to the  
FY 2014-2018 MAG Transportation Improvement Program (TIP), and the 2035 Long Range Plan<sup>1</sup>, TIP AMENDMENT #4**

Sort: Section, Agency, Location, Work Year

TIP Amendment #4																				
Agency	Section	Work Year <sup>4</sup>	TIP ID	MAG ID	Location	Work	Miles	Lanes Before	Lanes After	ALI	In ALCP	TRACS	MAG Mode	Funding	Apport. Year <sup>3</sup>	Federal	Regional	Local	Total	TIP Change Request
ADOT	Highway	2017	DOT17-413	15534	10: Chandler Blvd - Queen Creek Rd	Design FMS	3	6	6	---	No	---	ITS	CMAQ	2017	377,200	22,800		400,000	Amend: Delete project from TIP.
ADOT	Highway	2018	DOT18-415	15534	10: Chandler Blvd - Queen Creek Rd	Construct FMS	3	6	6	---	No	---	ITS	CMAQ	2018	3,470,240	209,760		3,680,000	Amend: Delete project from TIP.
ADOT	Highway	2015	DOT15-462	TBD	10: Cotton Lane - Dysart Rd	Design FMS	5	10	10	----	No	----	ITS	CMAQ	2015	471,500	28,500		500,000	Amend: Add a new FMS design project in FY2015 for \$500,000.
ADOT	Highway	2018	DOT18-460	TBD	10: Cotton Lane - Dysart Rd	Construct FMS	5	10	10	----	No	----	ITS	CMAQ	2018	3,922,880	237,120		4,160,000	Amend: Add a new FMS construction project in FY2018 for \$4,160,000.
ADOT	Highway	2015	DOT16-420	43116	10: Dysart Rd - 83rd Ave	Construct FMS	6	10	10	----	No	----	ITS	CMAQ	2015	5,186,500	313,500		5,500,000	Amend: Advance project from FY2016 to FY2015. Increase total project budget by \$500,000 from \$5,000,000 to \$5,500,000.
ADOT	Highway	2014	DOT14-417	TBD	10: Dysart Rd - Black Canyon	Design Pavement Preservation	13.5	10	10	----	No	----	Street	NHPP	2014	301,760		18,240	320,000	Amend: Add a new pavement preservation design project in FY 2014 for \$320,000.
ADOT	Highway	2014	DOT14-460	TBD	10: Ray Rd - Wild Horse Pass	Construct FMS	3	8	8	----	No	----	ITS	NHPP	2014	754,400	45,600		800,000	Amend: Add a new FMS construction project in FY2014 for \$800,000. This project will be advertised at the same time as DOT13-147.
ADOT	Highway	2016	DOT16-460	TBD	202 (Santan Fwy): Dobson Rd - Ray Rd	Construct FMS	8	6	6	----	No	----	ITS	CMAQ	2016	5,940,900	359,100		6,300,000	Amend: Add a new FMS construction project in FY2016 for \$6,300,000.
ADOT	Highway	2015	DOT15-463	TBD	202 (Santan Fwy): Ray Rd - Broadway Rd	Design FMS	5.5	6	6	----	No	----	ITS	CMAQ	2015	471,500	28,500		500,000	Amend: Add a new FMS design project in FY2015 for \$500,000.
ADOT	Highway	2017	DOT17-460	TBD	202 (Santan Fwy): Ray Rd - Broadway Rd	Construct FMS	5.5	6	6	----	No	----	ITS	CMAQ	2017	4,828,160	291,840		5,120,000	Amend: Add a new FMS construction project in FY2017 for \$5,120,000.
ADOT	Highway	2015	DOT14-175	26419	202 (Santan Fwy): Val Vista Dr - Dobson Rd	Construct FMS	8	6	6	---	No	---	ITS	CMAQ	2015	5,940,900	359,100		6,300,000	Amend: Delete project from TIP.

**TABLE D: Requested amendments and administrative modifications to the  
FY 2014-2018 MAG Transportation Improvement Program (TIP), and the 2035 Long Range Plan<sup>1</sup>, TIP AMENDMENT #4**

Sort: Section, Agency, Location, Work Year

TIP Amendment #4																				
Agency	Section	Work Year <sup>4</sup>	TIP ID	MAG ID	Location	Work	Miles	Lanes Before	Lanes After	ALI	In ALCP	TRACS	MAG Mode	Funding	Apport. Year <sup>3</sup>	Federal	Regional	Local	Total	TIP Change Request
ADOT	Highway	2015	DOT15-464	TBD	303: I-10 - Northern Ave	Design FMS	5	6	6	----	No	----	ITS	CMAQ	2015	471,500	28,500	-	500,000	Amend: Add a new FMS design project in FY2015 for \$500,000.
ADOT	Highway	2018	DOT18-461	TBD	303: I-10 - Northern Ave	Construct FMS	5	6	6	----	No	----	ITS	CMAQ	2018	3,922,880	237,120	-	4,160,000	Amend: Add a new FMS construction project in FY2018 for \$4,160,000.
ADOT	Highway	2016	DOT16-462	TBD	303: Lake Pleasant Rd - I-17	Design FMS	5	4	4	----	No	----	ITS	CMAQ	2016	518,650	31,350	-	550,000	Amend: Add a new FMS design project in FY2016 for \$550,000.
ADOT	Highway	2019	NEW	TBD	303: Lake Pleasant Rd - I-17	Construct FMS	5	4	4	----	No	----	ITS	CMAQ	2019	3,734,280	225,720	-	3,960,000	Amend: Add a new FMS construction project in FY2019 for \$3,960,000.
ADOT	Highway	2016	DOT16-461	TBD	303: Northern Ave - Clearview Blvd	Design FMS	6	6	6	----	No	----	ITS	CMAQ	2016	518,650	31,350	-	550,000	Amend: Add a new FMS design project in FY2016 for \$550,000.
ADOT	Highway	2019	NEW	TBD	303: Northern Ave - Clearview Blvd	Construct FMS	6	6	6	----	No	----	ITS	CMAQ	2019	4,017,180	242,820	-	4,260,000	Amend: Add a new FMS construction project in FY2019 for \$4,260,000.
ADOT	Highway	2019	NEW	TBD	60 (Superstition Fwy): Crismon Rd - Idaho Rd	Design FMS	4	8	8	----	No	----	ITS	CMAQ	2019	471,500	28,500	-	500,000	Amend: Add a new FMS design project in FY2019 for \$500,000.
<del>ADOT</del>	<del>Highway</del>	<del>2017</del>	<del>DOT17-414</del>	<del>46310</del>	<del>60 (Superstition Fwy): Crismon Rd - Meridian Rd</del>	<del>Design FMS</del>	<del>2</del>	<del>8</del>	<del>8</del>	<del>----</del>	<del>No</del>	<del>----</del>	<del>ITS</del>	<del>CMAQ</del>	<del>2017</del>	<del>188,600</del>	<del>11,400</del>	<del>200,000</del>	<del>200,000</del>	Amend: Delete project from TIP.
ADOT	Highway	2014	DOT15-406	38329	I-17: MP 198 to MP 208.9 (19th Ave - Arizona Canal Trail)	Design Pavement Preservation	10.9	8	8	----	No	----	Street	NHPP	2014	301,760	-	18,240	320,000	Amend: Advance project from FY2015 to FY2014. Change project name to "MP 198 to MP 208.9 (19th Ave - Arizona Canal Trail)".
ADOT	Highway	2014	DOT14-403	TBD	MAG Regionwide	Pump Station Evaluation Plan	N/A	N/A	N/A	----	No	----		NHPP	2014	97,129	-	5,871	103,000	Amend: Add a new study project in FY 2014 for \$103,000.
ADOT	Highway	2014	DOT14-404	TBD	MAG Regionwide	Testing of Dynamic Mobility Applications (DMA)	N/A	N/A	N/A	----	No	----	ITS	NHPP	2014	47,150	-	2,850	50,000	Amend: Add a new research project in FY 2014 for \$50,000.

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FY 2014-2018 MAG Transportation Improvement Program (TIP), and the 2035 Long Range Plan<sup>1</sup>, TIP AMENDMENT #4**

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TIP Amendment #4																				
Agency	Section	Work Year <sup>4</sup>	TIP ID	MAG ID	Location	Work	Miles	Lanes Before	Lanes After	ALI	In ALCP	TRACS	MAG Mode	Funding	Apport. Year <sup>3</sup>	Federal	Regional	Local	Total	TIP Change Request
ADOT	Highway	2015	DOT15-193	9545	MAG Regionwide	Construct FMS Rehabilitation	N/A	N/A	N/A	----	No	----	ITS	CMAQ	2015	1,621,960	-	98,040	1,720,000	Amend: Decrease total project budget by \$1,880,000 from \$3,600,000 to \$1,720,000.
ADOT	Highway	2016	DOT16-463	TBD	MAG Regionwide	Design/Construct FMS Rehabilitation	N/A	N/A	N/A	----	No	----	ITS	CMAQ	2016	1,244,760	-	75,240	1,320,000	Amend: Add a new FMS rehabilitation design/construction project in FY2016 for \$1,320,000.
ADOT	Highway	2017	DOT17-461	TBD	MAG Regionwide	Construct FMS Rehabilitation, Phase 2	N/A	N/A	N/A	----	No	----	ITS	CMAQ	2017	3,394,800	-	205,200	3,600,000	Amend: Add a new FMS rehabilitation construction project in FY2017 for \$3,600,000.
ADOT	Highway	2018	DOT18-462	TBD	MAG Regionwide	Design FMS Rehabilitation, Phase 3	N/A	N/A	N/A	----	No	----	ITS	CMAQ	2018	377,200	-	22,800	400,000	Amend: Add a new FMS rehabilitation design project in FY2018 for \$400,000.
ADOT	Highway	2019	NEW	TBD	MAG Regionwide	Dynamic Message Signs (DMS) Travel Times	N/A	N/A	N/A	----	No	----	ITS	State	2019	-	-	170,000	170,000	Amend: Add a new DMS Travel Times project in FY2019 for \$170,000.
Glendale	Highway	2016	GLN16-403	9968	55th Avenue Widening for Bike Lanes and Sidewalk	Widen roadway to add sidewalk, curb and gutter and bicycle lanes	0.12	0	0	----	No	----	Bicycle	CMAQ		159,266	-	245,337	404,603	Amend: Increase local project cost by \$225,710.
Glendale	Highway	2016	GLN16-404	20979	Thunderbird Paseo Pathway at Sweetwater Ave, Thunderbird Paseo Pathway at Hearn Rd, Thunderbird Paseo Pathway at 71st Ave, Skunk Creek Pathway at 64 Dr and Sunset Vista Park.	Construct multiple access points to pathways	0	0	0	----	No	----	Bicycle	CMAQ		107,832	-	147,500	255,332	Amend: Simplify work description. Increase local project cost by \$136,983.
Maricopa County	Highway	2016	MMA15-434C2	15820	New River Area	Pave seven various dirt roads (Phase 2)	4.4	2	2	----	No	----	Air Quality	CMAQ		1,001,955	-	60,564	1,062,519	Admin: Correct number of lanes from 4 to 2.
Peoria	Highway	2015	PEO13-102	36197	Lake Pleasant Parkway: L303 to SR74	Pave Unpaved Shoulders	1	2	2	----	No	----	Air Quality	CMAQ		401,983	-	140,000	541,983	Amend: Increase local project cost by \$115,702
Phoenix	Highway	2016	PHX16-417	7283	Various Locations: Quarter Sections 25-26, 25-28, 25-29, 25-30	Pave dirt alleys	29.2	2	2	----	No	----	Air Quality	CMAQ		1,253,410	-	317,980	1,571,390	Amend: Change local cost to \$317,980 to reflect original application. Simplify project location description

**TABLE D: Requested amendments and administrative modifications to the  
FY 2014-2018 MAG Transportation Improvement Program (TIP), and the 2035 Long Range Plan<sup>1</sup>, TIP AMENDMENT #4**

Sort: Section, Agency, Location, Work Year

TIP Amendment #4																				
Agency	Section	Work Year <sup>4</sup>	TIP ID	MAG ID	Location	Work	Miles	Lanes Before	Lanes After	ALI	In ALCP	TRACS	MAG Mode	Funding	Apport. Year <sup>3</sup>	Federal	Regional	Local	Total	TIP Change Request
Phoenix	Highway	2017	PHX17-417	23599	Various Locations: Quarter Sections 27-19, 27-20, 27-25, 28-19.	Pave dirt alleys	29.1	2	2	----	No	----	Air Quality	CMAQ		1,289,909	-	340,000	1,629,909	Amend: Change local cost to \$340,000 to reflect original application. Simplify project location description
Youngtown	Highway	2014	YTN14-101	29762	Peoria Ave: Agua Fria Parkway to 111th Ave	Multiuse Path and Peoria Ave straightening to accommodate multiuse path: Construction phase	5	2	2	----	No	SS940 01C	Bicycle	CMAQ		292,800	-	307,200	600,000	Amend: Increase local project cost by \$150,000. Correct project location to reflect previous actions.
Phoenix	Transit	2014	PHX14-419T	8434	Regionwide	Purchase bus: standard 40 foot - 2 replace	-	-	-	11.12.01	No	-	Transit	5307-AVN UZA	2014	984,300	173,700	-	1,158,000	Amend: New project. ADOT awarded 5307 funds.
Valley Metro Rail	Transit	2014	VMR14-105T	49041	I-10 WEST Phoenix	Fixed guideway corridor - Phx West - Preliminary Engineering/FEIS	-	-	-	13.71.01	No	-	Transit	CMAQ-Flex	2014	5,591,713	1,397,928	-	6,989,641	Amend: Advance project from 2015 to 2014. Update ALI code.
Valley Metro Rail	Transit	2014	VMR16-415T	49041	I-10 WEST Phoenix	Fixed guideway corridor - Phx West - Preliminary Engineering/FEIS	-	-	-	13.71.01	No	-	Transit	CMAQ-Flex	2014	7,079,049	1,769,762	-	8,848,811	Amend: Advance from 2016 to 2014 and adjust costs to match FFY14 allocation. Increase Federal/regional from \$6,696,107/\$1,674,026 to \$7,079,049/\$1,769,762. Update ALI Code.
Valley Metro Rail	Transit	2015	VMR14-106T	49041	I-10 WEST Phoenix	Fixed guideway corridor - Phx West - Final Design	-	-	-	13.71.02	No	-	Transit	CMAQ-Flex	2014	3,965,867	991,467	-	4,957,334	Amend: Adjust costs to match FFY14 allocation. Reduce Federal/regional from \$5,000,000/\$1,250,000 to \$3,965,867/\$991,467. Update ALI Code.
Valley Metro Rail	Transit	2016	VMR15-105T	49041	I-10 WEST Phoenix	Fixed guideway corridor - Phx West - Final Design	-	-	-	13.71.02	No	-	Transit	CMAQ-Flex	2014	10,771,840	2,692,960	-	13,464,800	Amend: Adjust costs to match FFY14 allocation. Increase Federal/regional from \$9,580,278/\$2,395,069 to \$10,771,840/\$2,692,960. Update ALI Code.
Valley Metro Rail	Transit	2017	VMR15-106T	49041	I-10 WEST Phoenix	Fixed guideway corridor - Phx West - Final Design	-	-	-	13.71.02	No	-	Transit	CMAQ-Flex	2014	16,456,512	4,114,128	-	20,570,640	Amend: Adjust costs to match FFY14 allocation. Increase Federal/regional from \$16,276,385/\$4,069,096 to \$16,456,512/\$4,114,128. Update ALI Code.
Valley Metro Rail	Transit	2018	VMR18-429T	49041	I-10 WEST Phoenix	Fixed guideway corridor - Phx West - Final Design	-	-	-	13.71.02	No	-	Transit	CMAQ-Flex	2014	16,456,512	4,114,128	-	20,570,640	Amend: Adjust costs to match FFY14 allocation. Increase Federal/regional from \$16,276,385/\$4,069,096 to \$16,456,512/\$4,114,128. Update ALI Code.
Valley Metro Rail	Transit	2015	VMR14-435T	13425	Mill Avenue: Rio Salado Pkwy to Southern Ave with Downtown Mill Ave/Ash Loop	Fixed guideway corridor - Tempe South - Utility Relocation (Prior Rights)	-	-	-	13.75.95	No	-	Transit	CMAQ-Flex	2015	4,250,000	1,062,500	-	5,312,500	Amend: Defer from 2014 to 2015. Update ALI Code.

**TABLE D: Requested amendments and administrative modifications to the  
FY 2014-2018 MAG Transportation Improvement Program (TIP), and the 2035 Long Range Plan<sup>1</sup>, TIP AMENDMENT #4**

Sort: Section, Agency, Location, Work Year

TIP Amendment #4																				
Agency	Section	Work Year <sup>4</sup>	TIP ID	MAG ID	Location	Work	Miles	Lanes Before	Lanes After	ALI	In ALCP	TRACS	MAG Mode	Funding	Apport. Year <sup>3</sup>	Federal	Regional	Local	Total	TIP Change Request
Valley Metro Rail	Transit	2015	VMR14-108T	13425	Mill Avenue: Rio Salado Pkwy to Southern Ave with Downtown Mill Ave/Ash Loop	Fixed guideway corridor - Tempe South - Final Design	-	-	-	13.71.02	No	-	Transit	CMAQ-Flex	2015	7,280,645	1,820,158	-	9,100,803	Amend: Defer from 2014 to 2015. Update ALI Code.
Valley Metro Rail	Transit	2015	VMR14-434T	13425	Mill Avenue: Rio Salado Pkwy to Southern Ave with Downtown Mill Ave/Ash Loop	Fixed guideway corridor - Tempe South - Right-of-Way Acquisition	-	-	-	13.22.01	No	-	Transit	CMAQ-Flex	2015	960,000	240,000	-	1,200,000	Amend: Defer from 2014 to 2015. Update ALI Code.
Valley Metro Rail	Transit	2016	VMR15-108T	13425	Mill Avenue: Rio Salado Pkwy to Southern Ave with Downtown Mill Ave/Ash Loop	Fixed guideway corridor - Tempe South - Construct Transitway	-	-	-	13.23.01	No	-	Transit	CMAQ-Flex	2016	5,684,672	1,421,168	-	7,105,840	Amend: Defer from 2015 to 2016. Update ALI Code.

**Notes**

1. Rows in the report are sorted in order by the following columns: Section, Agency, Year and TIP ID. Changes are in red font. Deletions are show in strike through font.
2. The following are used to indicate MAG Committees reviewing these TIP listings for amendment: TRC = Transportation Committee, MC = Management Committee, TPC = Transportation Review Committee, RC = Regional Council
3. The year the funds were apportioned by Congress. This item is included only for informational purposes.
4. For federal projects this is the year the project will authorize. For transit this is the year the project will appear in a grant.

# **ATTACHMENT #3**

**Agenda Item #8**

# MARICOPA ASSOCIATION OF GOVERNMENTS

## INFORMATION SUMMARY... for your review

**DATE:**

May 21, 2014

**SUBJECT:**

Introduction of a Near-Term Improvements Strategy for the Interstate 10/Interstate 17 Corridor

**SUMMARY:**

On October 31, 2012, representatives from the Arizona Department of Transportation (ADOT), Federal Highway Administration (FHWA), MAG, the Cities of Chandler, Phoenix, and Tempe, and Valley Metro/RPTA, met in a workshop to identify the steps forward for improving the 35-mile north-south Interstate 10/Interstate 17 corridor between the Loop 202 Pecos Stack and the Loop 101 North Stack. As presented to the Transportation Policy Committee on November 14, 2012, a multi-phase process was identified for improving the corridor that included a Near-Term Improvements Strategy to address bottleneck locations, and a Corridor Master Plan to establish a long-term vision for a corridor that has been referred to as the transportation "Spine" of Metro Phoenix.

As discussions between ADOT, FHWA, and MAG progressed on implementing this multi-phase process for Interstate 10 and Interstate 17, the agency representatives identified criteria for determining what projects constituted a "near-term" improvement. These criteria included (a) addressing the most severe bottlenecks in the corridor; (b) rapidly meeting an accelerated project-delivery schedule that included satisfying the requirements of the National Environmental Policy Act (NEPA) of 1969; and (c) identifying relatively low-cost measures that would stay well within programmed Regional Transportation Plan amounts for both Interstate 10 and Interstate 17 but not conflict with the yet to be determined Corridor Master Plan vision. Given these criteria, a preliminary list of projects has been identified for this effort:

- Developing a ramp braid on the inbound (westbound) segment of Interstate 10 between US-60 and SR-143 to address the significant weaving movements for traffic between these two system interchanges.
- Constructing collector-distributor lanes along the outbound (eastbound) segment of Interstate 10 between the SR-143 and Broadway Road entrance ramps and the exit to the US-60/Superstition Freeway to address another significant weaving issue between these three traffic interchanges.
- Re-striping outbound (eastbound) Interstate 10 between the SR-51/SR-202L "Mini-Stack" and the US-60/Superstition Freeway transition for an additional lane. The popularity of high occupancy vehicle (HOV) lanes in this corridor is very pronounced and further study is presently underway to determine if the additional lane could be striped in this manner to enhance multi-modal transportation options without additional impacts on the general capacity lanes. There is sufficient pavement width along this seven-mile stretch of eastbound Interstate 10 to add the extra lane without compromising safety of operations.

- Adding auxiliary lanes along the three-mile east-west segment of Interstate 17, from 16th Street to 19th Avenue, between the four existing traffic interchanges to improve traffic operations and the outflow of traffic from the Interstate 10 Split interchange.
- Expanding existing Interstate 10 between the US-60/Superstition Freeway and the SR-202L/Santan-South Mountain Freeway “Pecos Stack” for an extra general-purpose lane in each direction.
- Investing in significant intelligent transportation systems (ITS) technologies, with sufficient budget for traffic operations staffing of the Traffic Operations Centers, to provide better responses for incidents, improved traffic flows for entering freeway volumes, and expanded data for corridor users to enhance their day-to-day decisions for accessing the 35-mile segment of Interstate 10 and Interstate 17 through more than 45 traffic interchanges.

This Near-Term Improvements Strategy is considered preliminary and is still under study, Subject to final environmental clearances, as well as approvals of the MAG Regional Council for incorporation into the Transportation Improvement Program (TIP), it is anticipated that the strategy will be recommended for inclusion in the MAG TIP later this year. The Arizona Department of Transportation (ADOT) is leading the effort for implementing this near-term improvement strategy for Interstate 10 and Interstate 17.

#### **PUBLIC INPUT:**

During development of the Interstate 10 Corridor Improvement Study, the Interstate 17 Corridor Improvement Study, and the Central Phoenix Transportation Framework Study, public comment was received at a very preliminary level about the concepts behind these near-term improvement strategies. Additional public input and comment will be needed at this project-specific level during the environmental clearance process that commences during the project development process.

#### **PROS & CONS:**

**PROS:** The bottleneck locations that these near-term improvement strategies address are presently some of the most highly-congested locations in Metro Phoenix. According to simulation model results, these improvements, particularly those that address the current weaving difficulties along Interstate 10 between SR-143 and US-60, dramatically enhance traffic flows and facilitate improved travel times for the corridor. In addition, the significant traffic operations and intelligent transportation system (ITS) investments will provide more than 43 percent of all daily travel in Metro Phoenix with better information about accessing the 35-mile segment of Interstate 10 and Interstate 17.

**CONS:** The outcome of the Interstate 10/Interstate 17 Corridor Master Plan and its vision for the Metro Phoenix transportation “spine” is not known at this time. While every attempt will be made to co-op this effort into the Master Plan’s outcomes, there could be some changes to the near-term improvement strategies as the final vision for the corridor is determined.

#### **TECHNICAL & POLICY IMPLICATIONS:**

**TECHNICAL:** Planning for the Near-Term Improvements Strategy has been a coordinated effort between ADOT, FHWA, and MAG. As noted, there were three criteria considered for identifying a project as near-term improvement that is consistent with the current planning process for the region. Additional studies, including environmental clearances will be needed, before their implementation. This effort is being led by ADOT, with approval by FHWA, and further assistance from MAG.

**POLICY:** The Near-Term Improvements Strategy for Interstate 10 and Interstate 17 is well within the program recommendations for both freeways as identified in the MAG Regional Transportation Plan.

The specific projects and actions will need to be incorporated into the MAG TIP before the strategy is fully implemented. This request is anticipated later this year.

**ACTION NEEDED:**

Information and discussion.

**PRIOR COMMITTEE ACTIONS:**

This item is on the May 14, 2014, MAG Management Committee agenda and the May 21, 2014 MAG Transportation Policy Committee agenda. An update will be provided on discussion by the committee.

The Transportation Policy Committee received a presentation on proposed multi-phase approach for addressing improvements to the Interstate 10 and Interstate 17 corridor on November 14, 2012. At that time, no specific actions were identified for the Near-Term Improvements strategy.

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