

November 1, 2011

TO: Members of the MAG Management Committee

FROM: Charlie Meyer, City of Tempe, Chair

SUBJECT: MEETING NOTIFICATION AND TRANSMITTAL OF TENTATIVE AGENDA

Meeting

Wednesday, November 9, 2011 - 12:00 noon

MAG Office, Suite 200 - Saguaro Room

302 North 1st Avenue, Phoenix

The next Management Committee meeting will be held at the MAG offices at the time and place noted above. Members of the Management Committee may attend the meeting either in person, by videoconference or by telephone conference call. The agenda and summaries are also being transmitted to the members of the Regional Council to foster increased dialogue between members of the Management Committee and Regional Council. You are encouraged to review the supporting information enclosed. Lunch will be provided at a nominal cost.

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

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 Valerie Day at the MAG office. Requests should be made as early as possible to allow time to arrange the accommodation.

Members are reminded of the importance of attendance by yourself or a proxy. Any time that a quorum is not present, we cannot conduct the meeting. Please set aside sufficient time for the meeting, and for all matters to be reviewed and acted upon by the Management Committee. Your presence and vote count.

c: MAG Regional Council

**MAG MANAGEMENT COMMITTEE
TENTATIVE AGENDA
November 9, 2011**

COMMITTEE ACTION REQUESTED

1. Call to Order

2. Pledge of Allegiance

3. Call to the Audience

An opportunity is provided to the public to address the Management Committee on items that are not on the agenda that are within the jurisdiction of MAG, or non-action agenda items that are on the agenda for discussion or information only. 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 Management Committee requests an exception to this limit. Please note that those wishing to comment on agenda items posted for action will be provided the opportunity at the time the item is heard.

4. Executive Director's Report

The MAG Executive Director will provide a report to the Management Committee on activities of general interest.

5. Approval of Consent Agenda

Prior to action on the consent agenda, members of the audience will be provided an opportunity to comment on consent items that are being presented for action. Following the comment period, Committee members may request that an item be removed from the consent agenda. Consent items are marked with an asterisk (*).

3. Information.

4. Information and discussion.

5. Recommend approval of the Consent Agenda.

ITEMS PROPOSED FOR CONSENT*

MINUTES

*5A. Approval of October 12, 2011, Meeting Minutes

5A. Review and approval of the October 12, 2011, meeting minutes.

TRANSPORTATION ITEMS***5B. Implementation of the Federal Fund Programming Guidelines**

The Federal Fund Programming Guidelines were approved by the Regional Council on October 26, 2011. The Programming Guidelines outline a different process, schedule, and information exchange than what was done before. In order to implement the Programming Guidelines, a transition period is needed, acknowledging some requirements will not be completed. A memorandum and overall transition schedule that outline applicable guidelines for projects programmed for obligation in federal fiscal years 2012, 2013, and 2014 are attached. Please refer to the enclosed material.

***5C. Amendment to the Caliper Corporation Contract to Perform Second Phase of the Inner Loop Traffic Operations Model**

On May 27, 2009, the MAG Regional Council approved the FY 2010 MAG Unified Planning Work Program and Annual Budget, which included the 2010 Inner Loop Traffic Operations Model Development Phase I for developing a microsimulation for a significant portion of the metropolitan area bounded by Loop 101 on the west, north, and east, and Loop 202 on the south. Following the consultant selection process, the Regional Council Executive Committee on March 22, 2010, approved Caliper Corporation to complete the first phase of the project for \$499,930. The first phase of this project is in the final stages of development and is presently on schedule. On May 26, 2010, the MAG Regional Council approved the FY 2011 MAG Unified Planning Work Program and Annual Budget, which included the 2011 Phase II - Inner Loop Traffic Operations Model project for \$250,000 as the next phase of the traffic operations model development. Building upon the efforts in the first phase of the project, the consultant is ready to proceed into the second phase where the microsimulation effort will be completed with the addition of three-dimensional models to facilitate the model's validation and availability for scenario testing. To conduct this second phase effort, the

5B. Information and discussion.

5C. Recommend amending the Caliper Corporation contract by \$250,000 to conduct the additional work for the 2010 Inner Loop Traffic Operations Model Development.

contract budget with Caliper Corporation will need to be amended to add the funding for the next phase approved by the Regional Council in the MAG FY 2011 Unified Planning Work Program and Annual Budget. MAG federal funds will be used for the second phase of this project. Please refer to the enclosed material.

*5D. Arterial Life Cycle Program Status Report

The Arterial Life Cycle Program (ALCP) Status Report provides an update on ALCP projects scheduled for work and/or reimbursement in the current fiscal year, program deadlines, revenues, and finances for the period between April 2011 and September 2011. Please refer to the enclosed material.

*5E. FY 2012-2014 MAG Highway Safety Improvement Program Projects

Starting in FY 2010, MAG has been receiving a total of \$1 million in federal Highway Safety Improvement Program (HSIP) funds from the Arizona Department of Transportation (ADOT) to be programmed for road safety improvements in the region. A total of 29 projects that were approved by the MAG Regional Council for FY 2010 and 2011 are currently being implemented. At the recommendation of ADOT, three fiscal years are being programmed to help expedite project implementation. On August 31, 2011, MAG issued a call for road safety improvement projects to be programmed in FY 2012-2014. A total of 23 projects applications were received. The Transportation Safety Committee reviewed all the applications at its meeting on October 4, 2011, and recommended a list of projects for each fiscal year and the funding amounts as shown in the attached table. On October 27, 2011, the MAG Transportation Review Committee concurred with the recommendation of the Transportation Safety Committee. Although the total estimated cost for FY 2012 slightly exceeds the annual allocation, it is expected to be approved by ADOT. Please refer to the enclosed material.

5D. Information and discussion.

5E. Recommend approval of the listing of selected projects for FY 2012-2014 Highway Safety Improvement Program funds.

- *5F. Amendment to the HDR, Inc. Contract for the Southeast Major Investment Study to Complete Study of Additional Improvement Scenarios

The fiscal year (FY) 2010 MAG Unified Planning Work Program and Annual Budget, approved by the MAG Regional Council in May 2009, was amended in March 2010 by the MAG Regional Council Executive Committee to include \$300,000 to conduct the Southeast Corridor Major Investment Study. On May 17, 2010, the MAG Regional Council Executive Committee selected HDR, Inc. to conduct the study for an amount not to exceed \$300,000. Since receiving notice to proceed on the study in June 2010, the consultant has developed, studied, and analyzed three bundles of more than 25 different transportation alternatives to accommodate the travel demand forecasts in the Southeast Corridor area that reaches from Downtown Phoenix to Downtown Chandler. Information generated by this study thus far has significantly benefit not only this Major Investment Study, but has also contributed valuable information to the Environmental Impact Statement (EIS) projects for Interstate 10/Maricopa Freeway and SR-202L/South Mountain Freeway. Upon analysis of these transportation alternative bundles, additional combinations of improvements have been brought forward by the project's Planning Partners, including the Federal Highway Administration, the City of Tempe, and the City of Chandler, as additional items that merit testing and study in the Southeast Corridor. These additional combinations are beyond the scope of the original contract. HDR, Inc. has advised MAG that an additional amount of \$88,867 is needed to effectively study these items. Please refer to the enclosed material.

- 5F. Recommend amending the HDR, Inc. contract by \$88,867 to conduct the additional work for the Southeast Corridor Major Investment Study.

AIR QUALITY ITEMS

- *5G. Recommendation of Prioritized List of Proposed PM-10 Certified Street Sweeper Projects for FY 2012 CMAQ Funding

The FY 2012 MAG Unified Planning Work Program and Annual Budget and the FY 2011-2015 MAG Transportation Improvement Program contain \$900,000 in FY 2012 Congestion

- 5G. Recommend approval of a prioritized list of proposed PM-10 Certified Street Sweeper Projects for FY 2012 CMAQ funding and retain the prioritized list for any additional FY 2012 CMAQ funds that may become available due to closeout, including any redistributed obligation authority, or additional funding received by this region.

Mitigation and Air Quality Improvement (CMAQ) funding to encourage the purchase and utilization of PM-10 Certified Street Sweepers. An additional \$421,196 in CMAQ is available from sweeper projects that have been requested to be deleted and from savings on sweepers that have cost less than anticipated, for a total amount of \$1,321,196. On October 27, 2011, the MAG Air Quality Technical Advisory Committee (AQTAC) recommended a prioritized list of proposed PM-10 Certified Street Sweeper Projects for FY 2012 CMAQ funding and to retain the prioritized list for any additional FY 2012 CMAQ funds that may become available due to closeout, including any redistributed obligation authority, or additional funding received by this region. Prior to the AQTAC recommendation, the MAG Street Committee reviewed the proposed street sweeper applications on October 11, 2011, in accordance with the MAG Federal Fund Programming Principles. Please refer to the enclosed material.

GENERAL ITEMS

*5H. Approval of Draft July 1, 2011 Maricopa County and Municipality Resident Population Updates

MAG staff has prepared draft July 1, 2011 Maricopa County and Municipality Resident Population Updates. The Updates, which are used to prepare budgets and set expenditure limitations, were prepared using the 2010 Census as the base and housing unit data supplied and verified by MAG member agencies. Because there may be changes to the Maricopa County control total by the Arizona Department of Administration, on November 1, 2011 the MAG Population and Technical Advisory Committee recommended approval of these draft Updates provided that the County control total is within one percent of the final control total. Please refer to the enclosed material.

*5I. Proposed 2012 Edition of the MAG Standard Specifications and Details for Public Works Construction

The MAG Standard Specifications and Details Committee has completed its review of proposed

5H. Recommend approval of the draft July 1, 2011 Maricopa County and Municipality Resident Population Updates provided that the Maricopa County control total is within one percent of the final control total.

5I. Information and discussion.

revisions to the MAG Standard Specifications and Details for Public Works Construction. These revisions have been recommended for approval by the committee and are currently being reviewed by MAG member agency Public Works Directors and/or Engineers. It is anticipated that the new 2012 edition will be available for purchase in early January 2012. Please refer to the enclosed material.

*5J. Metropolitan Business Planning Initiative Business Consultant Selection

In May 2011, the MAG Regional Council approved the submission of a proposal to participate in the Metropolitan Business Planning Initiative. The budget for this proposal included \$166,400 to secure a business consultant to assist with implementation of the project. In July, the Brookings Institution announced that the region had been selected to participate in the initiative. In September, a Request for Proposals was issued to request proposals for the business consultant. On October 7, 2011, two proposals were received, from Elliot D. Pollack and Company and Value Point Solutions. On October 26, 2011, a multi-disciplinary team met to review the proposals. The review team recommended to MAG the selection of Elliot D. Pollack and Company to complete tasks one through four as specified in the Request for Proposals with tasks five and six being awarded separately to support the Metropolitan Business Planning Initiative for a total amount not to exceed \$166,400 for all six tasks. Following the meeting, staff contacted the Elliot D. Pollack Company to determine the cost for tasks one through four. They indicated a cost of \$78,400. Staff also inquired from Value Point Solutions the cost for tasks five and six to develop the business plan and prospectus if they were to be considered for these tasks. They indicated a cost of \$88,000 if they were to be considered for tasks five and six. Please refer to the enclosed material.

5J. Recommend the selection of Elliot D. Pollack and Company to conduct the analytics and activities specified under tasks one through four for an amount not to exceed \$78,400 and consider tasks five and six separately to develop the business plan and prospectus.

ITEMS PROPOSED TO BE HEARD

TRANSPORTATION ITEMS

6. Salt Lake City/Utah Transit Authority Transit Tour

On October 13-14, 2011, leaders and representatives from the MAG region attended a multimodal transit system tour of the Salt Lake City/Utah Transit Authority (UTA) to gather information regarding the economic and transportation benefits of the multimodal connectivity of transit. Tour attendees received information about how the system was funded and the resulting economic benefits of the system. A presentation on the highlights of the tour will be provided to the Management Committee.

6. Information, discussion and input.

AIR QUALITY ITEMS

7. Update on the MAG Five Percent Plan for PM-10

An update will be provided on the MAG Five Percent Plan for PM-10 and the activities to prevent PM-10 exceedances at the monitors and throughout the region. To date in 2011, there have been 86 exceedances of the PM-10 standard due to exceptional events caused by haboobs, dust storms, thunderstorms, and residual dust. The Arizona Department of Environmental Quality (ADEQ) is continuing to prepare the documentation for the 2011 exceptional events with technical assistance from Maricopa County and MAG staff. ADEQ intends to submit the first group of exceptional events for July 2-8, 2011, to the Environmental Protection Agency (EPA) for an informal review at the end of October. In addition, EPA intends to respond to issue the final Exceptional Events Guidance in November. MAG is continuing to research legislative remedies regarding the amount of documentation required for exceptional events. Work has continued on the modeling attainment demonstration for the new Five Percent Plan for PM-10. ADEQ is continuing to work on the Dust Action General Permit required by HB 2208 passed by the Arizona Legislature in 2011 and the enforceability issues with the Agricultural Best Management Practices.

7. Information and discussion.

GENERAL ITEMS

8. MAG Support for Electronic Technology to Reduce Copying and Mailing Cost

MAG staff will review the enhancements being made to the agenda process to better accommodate the use of electronic technology to access meeting materials.

9. Update on the MAG Economic Development Committee

An update will be provided on recent activities of the MAG Economic Development Committee, including the status of the Brookings Metropolitan Business Planning Initiative.

10. Request for Future Agenda Items

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

11. Comments from the Committee

An opportunity will be provided for Management Committee members to present a brief summary of current events. The Management Committee is not allowed to propose, discuss, deliberate or take action at the meeting on any matter in the summary, unless the specific matter is properly noticed for legal action.

Adjournment

8. Information and discussion.

9. Information, discussion and input.

10. Information and discussion.

11. Information.

MINUTES OF THE
MAG MANAGEMENT COMMITTEE MEETING
October 12, 2011
MAG Office - Saguaro Room
Phoenix, Arizona

MEMBERS ATTENDING

- | | |
|--|--|
| Charlie Meyer, Tempe, Chair | Bill Hernandez, Guadalupe |
| David Cavazos, Phoenix | Darryl Crossman, Litchfield Park |
| # George Hoffman, Apache Junction | Scott Butler for Christopher Brady, Mesa |
| Charlie McClendon, Avondale | David Andrews for Jim Bacon, |
| David Johnson for Stephen Cleveland, | Paradise Valley |
| Buckeye | Carl Swenson, Peoria |
| * Gary Neiss, Carefree | John Kross, Queen Creek |
| * Usama Abujbarah, Cave Creek | * Bryan Meyers, Salt River Pima-Maricopa |
| Rich Dlugas, Chandler | Indian Community |
| Spencer Isom, El Mirage | David Richert, Scottsdale |
| Alfonso Rodriguez for Phil Dorchester, | Chris Hillman, Surprise |
| Fort McDowell Yavapai Nation | Chris Hagen for Reyes Medrano, Tolleson |
| * Julie Ghetti, Fountain Hills | * Stephanie Wojcik, Wickenburg |
| * Rick Buss, Gila Bend | * Lloyce Robinson, Youngtown |
| * David White, Gila River Indian Community | * John Halikowski, ADOT |
| Patrick Banger, Gilbert | Kenny Harris for David Smith, Maricopa Co. |
| Brent Stoddard for Ed Beasley, Glendale | David Boggs, Valley Metro/RPTA |
| John Fischbach, Goodyear | |

* Those members neither present nor represented by proxy.

Participated by telephone conference call. + Participated by videoconference call.

1. Call to Order

The meeting was called to order by Chair Charlie Meyer at 12:03 p.m.

2. Pledge of Allegiance

The Pledge of Allegiance was recited.

Chair Meyer noted that George Hoffman was participating in the meeting via teleconference.

Chair Meyer noted material at each place: For agenda item #8, updated charts that show exceedances of the PM-10 standard, and for agenda item #10, a copy of the new domestic violence video.

Chair Meyer announced that public comment cards were available to members of the public who wish to comment. Chair Meyer noted that parking validation was available from staff and transit tickets were available from Valley Metro/RPTA for those using transit to come to the meeting.

3. Call to the Audience

Chair Meyer stated that Call to the Audience provides an opportunity to the public to address the Management Committee on items that are not on the agenda that are within the jurisdiction of MAG, or non-action agenda items that are on the agenda for discussion or information only. Chair Meyer noted that those wishing to comment on agenda items posted for action will be provided the opportunity at the time the item is heard. Public comments have a three minute time limit.

No requests for public comment were received.

4. Executive Director's Report

Dennis Smith, MAG Executive Director, reported on items of interest in the MAG region. Mr. Smith displayed September 2011 maps that showed 12,288 foreclosed residential properties, 22,417 pending foreclosure residential properties, for a total of 34,705 distressed properties. He compared this to the worst period in March 2010 when the distressed properties totaled 63,182.

Mr. Smith stated that at the last meeting, the Management Committee received a report on Interstate 11 and Punta Colonet. He noted that Interstate 11 was submitted as a transformative investment to the Brookings Institution. Mr. Smith stated that Interstate 11 links the nation's fastest growing metropolitan areas and more than 30 military installations, enhances north-south travel, helps alleviate congestion on Interstate 5, improves the goods and freight movement, adds approximately 1,400-miles of new interstate roadway, and strengthens international trade between the United States, Canada, and Mexico. Mr. Smith stated that Interstate 11 is one of 12 projects to be highlighted by Brookings at Colorado Springs in October. He noted that Mesa Mayor Scott Smith and MAG Senior Engineer Bob Hazlett will represent the region on this project.

Mr. Smith reported on the upcoming transit tour to Salt Lake City on October 13-14, 2011. He stated that economic development through rail will be integrated into the tour. Mr. Smith noted that 41 MAG representatives and about 20 Utah representatives will participate. Mr. Smith stated that the trip developed as a result of a suggestion from Carl Swenson and Chris Hillman was instrumental in ensuring the economic development focus was included. Mr. Smith commended Marc Pearsall for a job well done in organizing the tour, and he added that there was still an opportunity to make reservations if someone would like to attend.

Mr. Swenson expressed that he thought a lot of good information will be obtained through this trip that will help with multimodal planning in the region. He thanked Mr. Smith and Mr. Pearsall for their efforts.

Mr. Smith stated that usage of electronic tablets continues to increase and he thought an agenda item on providing information through this medium could be included on a future Management Committee agenda.

Mr. Smith noted that a tour of the newly remodeled MAG Meeting Center would follow the meeting, led by the project's architect, Monique de los Rios-Urban.

Chair Meyer thanked Mr. Smith for his report. No questions for Mr. Smith were noted.

5. Approval of Consent Agenda

Chair Meyer stated that agenda items #5A, #5B, #5C, #5D, #5E, #5F, #5G, #5H, #5I, #5J, #5K, and #5L were on the Consent Agenda. He reviewed the public comment guidelines for the Consent Agenda. No requests for public comment were received.

Chair Meyer asked if any member of the Committee had questions or a request to have a presentation on any Consent Agenda item. None were noted.

Mr. McClendon moved to recommend approval of #5A, #5B, #5C, #5D, #5E, #5F, #5G, #5H, #5I, #5J, #5K, and #5L. Vice Chair Cavazos seconded. Chair Meyer asked if there was any discussion of the motion. Being none, the vote on the motion passed unanimously.

5A. Approval of September 7, 2011, Meeting Minutes

The Management Committee, by consent, approved the September 7, 2011, meeting minutes.

5B. US-60/Grand Avenue Corridor Optimization and Access Management Plan Study

The Management Committee, by consent, recommended amending the fiscal year (FY) 2012 Unified Planning Work Program and Annual Budget to include \$850,000 to provide for the US-60/Grand Avenue Corridor Optimization and Access Management Plan Study. On June 22, 2011, the Mayors of El Mirage, Glendale, Peoria, Phoenix, Surprise, and Youngtown, and Supervisor Max Wilson of Maricopa County, sent a letter to Arizona Department of Transportation (ADOT) Director John Halikowski to express their interest in preserving US-60/Grand Avenue from 19th Avenue and McDowell Road to SR-303L as an expressway facility that remains a state highway under ADOT control. Their letter also expressed a desire to work through the Maricopa Association of Governments (MAG) in cooperation with ADOT to enhance mobility in the corridor and maintain the corridor's expressway character. Based upon this request, MAG would develop the US-60/Grand Avenue Corridor Optimization and Access Management Plan Study to identify a long-term solution for accommodating travel demand and adjacent property access in this corridor. The Study will consist of two distinct phases: (1) Corridor Optimization to establish operating principles to improve the effectiveness of traffic operations along US-60/Grand Avenue and (2) an Access Management Plan that will provide a detailed milepost-by-milepost description of adjacent property access to US-60/Grand Avenue. In addition, a corridor-wide vision, goals, and priorities (e.g. economic development, safety, and mobility) will be developed as part of the Study. An amendment to the FY 2012 MAG Unified Planning Work Program and Annual Budget is needed to include \$850,000 for the US-60/Grand Avenue Corridor Optimization and Access Management Plan Study.

5C. Consultant Selection for the Don't Trash Arizona Litter Prevention and Education Program

The Management Committee, by consent, recommended approval that Olson Communications be selected to design and implement the fiscal year (FY) 2012 Litter Prevention and Education Program for the MAG region, for an amount not to exceed \$300,000, and that the base contract period shall be a one (1) year term. MAG may, at its option, offer to extend the period of this agreement up to a maximum of two (2), one (1) year options, based on consultant performance and funding availability. The Regional Transportation Plan (RTP) includes \$279 million for the freeway maintenance program, including litter control. On March 23, 2011, the Transportation Policy Committee recommended that MAG issue a Request for Proposals (RFP) to continue the Don't Trash Arizona Litter Prevention and Education Program and to include a provision that the contract may be extended up to a maximum of two years based on performance and funding availability. The FY 2012 MAG Unified Planning Work Program and Annual Budget, approved by the MAG Regional Council in May 2011, contains \$300,000 to continue the Program. On July 22, 2011, MAG issued the RFP seeking qualified consultants for the development and implementation of the Don't Trash Arizona Litter Prevention and Education Program. On August 30, 2011, MAG received proposals from three qualified consultants in response to the RFP. A multi-agency evaluation team met on September 9, 2011, to evaluate the proposals, and recommended to MAG that Olson Communications be selected as the consultant to develop and implement the FY 2012 Litter Prevention and Education Program, at a cost not to exceed \$300,000.

5D. Project Changes – Amendment and Administrative Modification to the FY 2011-2015 MAG Transportation Improvement Program

The Management Committee, by consent, recommended approval of amendments and administrative modifications to the fiscal year (FY) 2011-2015 MAG Transportation Improvement Program, and as appropriate, to the Regional Transportation Plan 2010 Update. The FY 2011-2015 Transportation Improvement Program and Regional Transportation Plan 2010 Update were approved by the MAG Regional Council on July 28, 2010, and have been modified eight times with the last modification approved by the Regional Council on July 27, 2011. Since then, there is a need to modify projects in the programs. The MAG Transportation Review Committee recommended approval of the modifications on September 22, 2011.

5E. Unprogrammed Federal Transit Fund Balances

The Management Committee, by consent, recommended approval to reprogram \$3,581,528 of 5307 and STP funds to preventive maintenance based on the fiscal year (FY) 2011 approved distribution methodology, as shown in Table 4B, and modify the 2011-2015 TIP accordingly, as shown in Table 5. As of August 2011, due to project savings and unspent funds, there was a balance of \$3,585,121 of unprogrammed federal funds: \$899,103 in 5307, \$438,000 in Congestion Mitigation and Air Quality (CMAQ), and \$2,248,018 in Surface Transportation Program (STP) funds. It is suggested to program the \$3,585,121 to Preventive Maintenance (PM) based on the currently adopted FY 2011 PM distribution methodology. Preventive Maintenance is not eligible under the CMAQ guidance, and in order to maximize the ability to use federal funds for PM, it is recommended to program \$438,000 of CMAQ funds for one of the City of Phoenix's bus

purchases in exchange for \$434,407 of 5307 funds. This leaves a total of \$3,581,528 to program for PM based on the current adopted FY 2011 PM distribution methodology. The Transit Committee recommended approval on September 8, 2011, and the MAG Transportation Review Committee recommended approval on September 22, 2011.

5F. FFY 2011 and 2012 Adjustments of Local Sponsored Federal Funded Projects

The Management Committee, by consent, recommended approval of projects to be deferred from Federal Fiscal Year (FFY) 2011 to FFY 2012 or later, approval of project changes and additions for new ADOT federal fund projects, and to amend and modify the FY 2011-2015 Transportation Improvement Program, and as appropriate, the Regional Transportation Plan 2010 Update. In preparation for FFY 2012 beginning on October 1, 2011, MAG asked member agencies to check on the status of FFY 2011 federal funded projects and review FFY 2012 federal funded projects. MAG has been notified that some FFY 2011 federally funded CMAQ projects are not going to be authorized by September 30, 2011, the end of the federal fiscal year. Additionally, member agencies were requested to review the current FFY 2011 and FFY 2012 MAG TIP project listings for Surface Transportation Program-Transportation Enhancement Highway Safety Improvement Program, Safe Routes to School, Bridge, and STP-Railroad funded projects (ADOT federal funds) and submit changes or new projects to MAG. The MAG Transportation Review Committee recommended approval on September 22, 2011.

5G. Consultant Selection for MAG FY 2012 Vehicle Occupancy Study

The Management Committee, by consent, recommended approval of the selection of the CK Group, Inc., to conduct the MAG fiscal year (FY) 2012 Vehicle Occupancy Study for an amount not to exceed \$200,000. The FY 2012 MAG Unified Planning Work Program and Annual Budget, approved by the MAG Regional Council in May 2011, includes \$200,000 for the MAG FY 2012 Vehicle Occupancy Study. The purpose of the project is to collect data on the vehicle occupancy and violation rates in the High Occupancy Vehicle (HOV) lanes, determine vehicle occupancy in the general purpose lanes, and conduct simultaneous vehicle classification counts. On August 3, 2011, MAG issued a Request for Proposals to conduct the MAG FY 2012 Vehicle Occupancy Study. Two proposals were received by the September 1, 2011, deadline. On September 21, 2011, a multi-agency evaluation team recommended to MAG the selection of the CK Group, Inc., to perform the technical assistance.

5H. Conformity Consultation

The Maricopa Association of Governments is conducting consultation on a conformity assessment for an amendment and administrative modification to the fiscal year (FY) 2011-2015 MAG Transportation Improvement Program (TIP). The amendment and administrative modification involve several projects, including changes to various Arizona Department of Transportation projects, revisions to transit projects, and FY 2011 and FY 2012 adjustments of local sponsored federal funded projects. The amendment includes projects that may be categorized as exempt from conformity determinations. The administrative modification includes minor project revisions that do not require a conformity determination. Comments were requested by October 21, 2011.

5I. Consultation on Proposed Transportation Conformity Processes for the 2012 MAG Conformity Analysis

Federal and state conformity regulations require that MAG consult with federal, state, and local air quality and transportation agencies on proposed processes for the conformity analysis on the Transportation Improvement Program and Plan. MAG is distributing for comment the proposed processes to be applied beginning with the upcoming conformity analysis on an amendment to the fiscal year (FY) 2011-2015 MAG Transportation Improvement Program and the Regional Transportation Plan 2010 Update. Comments regarding this material were requested by October 21, 2011.

5J. Status of Remaining MAG Approved PM-10 Certified Street Sweeper Projects That Have Not Requested Reimbursement

A status report is provided on the remaining PM-10 certified street sweeper projects that have received approval, but have not requested reimbursement. To assist MAG in reducing the amount of obligated federal funds carried forward in the MAG Unified Planning Work Program and Annual Budget, MAG is requesting that street sweepers be purchased and reimbursement be requested by the agency within one year plus ten calendar days from the date of the MAG authorization letter.

5K. Consultant Selection for the MAG Air Quality Technical Assistance On-Call Services Request for Qualifications

The Management Committee, by consent, recommended approval of the following firms for Air Quality Technical Assistance On-Call Services for an amount not to exceed \$280,000: (1) Advanced Monitoring Methods be qualified in Air Quality Monitoring and Meteorology; (2) Cambridge Systematics be qualified in Statistical Analysis of Data, CMAQ Evaluation Methodologies, Transportation Conformity, and Analysis of Greenhouse Gas Requirements and Emissions; (3) ERG be qualified in Air Quality Modeling, Surveys and Emissions Inventories, Analysis of Control Measures, Implementation and Tracking of Control Measures, Statistical Analysis of Data, and Air Quality Plan Preparation; (4) ENVIRON be qualified in Air Quality Modeling, Air Quality Monitoring and Meteorology, Analysis of Exceptional Events, Surveys and Emissions Inventories, Analysis of Control Measures, Implementation and Tracking of Control Measures, Statistical Analysis of Data, Air Quality Plan Preparation, CMAQ Evaluation Methodologies, Transportation Conformity, and Analysis of Greenhouse Gas Requirements and Emissions; (5) Sierra Research be qualified in Air Quality Modeling, Analysis of Exceptional Events, Surveys and Emissions Inventories, Analysis of Control Measures, Implementation and Tracking of Control Measures, Statistical Analysis of Data, Air Quality Plan Preparation, CMAQ Evaluation Methodologies, Transportation Conformity, and Analysis of Greenhouse Gas Requirements and Emissions; (6) Sonoma Technology be qualified in Air Quality Modeling, Air Quality Monitoring and Meteorology, Analysis of Exceptional Events, Surveys and Emissions Inventories, Analysis of Control Measures, Implementation and Tracking of Control Measures, Statistical Analysis of Data, Remote Sensing, Air Quality Plan Preparation, CMAQ Evaluation Methodologies, Transportation Conformity, and Analysis of Greenhouse Gas Requirements and Emissions; (7) Technical & Business Systems be qualified in Air Quality Modeling, Air Quality

Monitoring and Meteorology, Analysis of Exceptional Events, Surveys and Emissions Inventories, Analysis of Control Measures, Statistical Analysis of Data, Remote Sensing, and Air Quality Plan Preparation; (8) Traffic Research & Analysis be qualified in Surveys and Emissions Inventories; and (9) TranSystems be qualified in Air Quality Modeling, Air Quality Monitoring and Meteorology, Analysis of Exceptional Events, Surveys and Emissions Inventories, Analysis of Control Measures, Implementation and Tracking of Control Measures, Statistical Analysis of Data, Remote Sensing, Air Quality Plan Preparation, CMAQ Evaluation Methodologies, Transportation Conformity, and Analysis of Greenhouse Gas Requirements and Emissions. The FY 2012 MAG Unified Planning Work Program and Annual Budget, approved by the MAG Regional Council in May 2011, includes potential consultant assistance for air quality planning and modeling activities. Consultant services may be needed to assist MAG with supplemental analyses for the Five Percent Plan for PM-10, Conformity Analysis, Evaluation of Congestion Mitigation and Air Quality Improvement (CMAQ) Projects, New Eight-Hour Ozone Plan, and Analysis of Exceptional Events. A request for qualifications was advertised on July 25, 2011, for technical assistance including air quality modeling, CMAQ evaluation, conformity, and the development of regional air quality plans. Nine proposals were received by the August 24, 2011, deadline. On September 13, 2011, a multi-agency evaluation team recommended to MAG the firms to be qualified in selected areas of expertise.

5L. HUD Application Project Listings

On December 8, 1999, the MAG Regional Council approved MAG becoming the responsible entity for a year-round homeless planning process which includes submittal of the U.S. Department of Housing and Urban Development (HUD) McKinney-Vento Continuum of Care Consolidated Application for the MAG region. The Continuum of Care grant supports permanent supportive housing, transitional housing, and supportive services. A total of \$219 million has been awarded to the region since 1999. Last year, the region received more than \$23.9 million for 53 homeless programs. The 2011 federal application was released on August 30, 2011, with a deadline to HUD on October 28, 2011. A draft list of new and renewal projects was provided to MAG Management Committee and MAG Regional Council members for information. The final consolidated application will be presented to the MAG Continuum of Care Regional Committee on Homelessness on October 24, 2011 for approval. The Continuum of Care will have an opportunity to apply for \$1,446,542 in new project funding, referred to as the Permanent Housing Bonus.

6. 2011 Annual Report on the Status of the Implementation of Proposition 400

Roger Herzog, MAG Senior Project Manager, advised that state law requires that MAG issue an annual report on projects included in Proposition 400, a review of the status of the life cycle programs for freeways/highways, arterial streets, and transit, and to hold a public hearing, which is scheduled for November.

Mr. Herzog stated that during fiscal year (FY) 2010, a rebalancing of costs and revenues in the life cycle programs was accomplished. However, during FY 2011, as part of the annual program review process, revenue forecasts were updated and indicated that future revenues would be lower than had been estimated in FY 2010. Mr. Herzog advised that the FY 2011 forecast for half-cent

revenues for FY 2012 through FY 2026 is about 24 percent lower than the 2010 Annual Report estimate, and forecasts of ADOT funds dedicated to the MAG area for FY 2012 through FY 2026 are 3.5 percent lower than the 2010 Annual Report estimate.

Mr. Herzog stated that FY 2011 half-cent sales tax receipts were 3.4 percent higher than the receipts in FY 2010, and this is the first year since FY 2007 that there has been an increase in annual collections. He added that collections for FY 2011 remain approximately 20 percent lower than FY 2007.

Mr. Herzog then addressed the Freeway Life Cycle Program. He noted that a rebalancing of costs and revenues in the Freeway Life Cycle Program was accomplished in FY 2010 through project scope reevaluation, cost estimate adjustments, and schedule revisions, to address a deficit of approximately \$6.6 billion. Mr. Herzog stated that in FY 2011, lower revenue forecasts resulted in a recurrence of an imbalance between projected costs and expected revenues in the Freeway Life Cycle Program. Mr. Herzog advised that a deficit of approximately \$453 million in 2011 dollars has been estimated through FY 2026, or about six percent of the projected total expenditures for the period FY 2012-2026. He reported that MAG and ADOT are jointly working on measures to reestablish a balanced Freeway Life Cycle Program and it is anticipated that these efforts will produce a balanced program by the end of 2011.

Mr. Herzog stated that freeway program projects completed during FY 2011 include, among others, additional general purpose lanes on I-10 from Verrado Way to Sarival Avenue, interchange improvements on I-10 at Avondale Boulevard, widening Grand Avenue from 83rd Avenue to Loop 303, addition of auxiliary lanes on Loop 101, construction of an interim four-lane divided roadway on Loop 303 from Happy Valley Road to I-17, new HOV lanes on Loop 101 from I-10 to Tatum Boulevard, a freeway system interchange on Loop 303 at I-10, and a Loop 303 freeway segment from Peoria Avenue to Mountain View Road.

Mr. Herzog then addressed the Arterial Life Cycle Program. He explained that in FY 2011, approximately \$31 million was reimbursed to lead agencies for completed projects and projects underway. Mr. Herzog advised that through FY 2011, \$208 million has been disbursed and 28 Arterial Life Cycle Program projects have been completed. In all, 49 project agreements have been executed to date.

Mr. Herzog stated that in FY 2011, it was determined that a \$196.5 million reduction in the Arterial Life Cycle Program through FY 2026 would be necessary. To meet the required program reductions, MAG staff and member agencies coordinated a reprogramming effort that resulted in a fiscally balanced, FY 2012 Arterial Life Cycle Program that was approved by the Regional Council in September 2011. Mr. Herzog stated that for the FY 2012 ALCP, it is anticipated that 24 projects will be under construction, and \$103 million has been programmed for reimbursements.

Mr. Herzog addressed the Transit Life Cycle Program. He said that a balanced program was achieved in FY 2009 by delaying the implementation of numerous projects, and during FY 2010, the program was refined further, especially service levels on supergrid regional bus routes, to allow more routes to be retained. Mr. Herzog stated that in FY 2011, due to the continued

economic downturn and the decrease in estimated future revenues, estimated Transit Life Cycle Program costs are not in balance with projected future funds available. He advised that for FY 2012 to 2026, a deficit of approximately \$581 million in 2011 dollars has been identified, and a significant effort was started to assess the Transit Life Cycle Program-funded services in operation.

Mr. Herzog stated that during FY 2012, after modifications to existing services are complete, RPTA/METRO will move forward with rebalancing the Transit Life Cycle Program by adjusting future services and capital projects to meet the projected revenues. He advised that public input will be solicited before any final decisions are made. Mr. Herzog stated that a balanced program is anticipated by the end of calendar year 2011.

Mr. Herzog stated that since the start of the Transit Life Cycle Program, the light rail starter system opened, and 11 BRT routes and seven regional bus grid routes were implemented. Mr. Herzog stated that the Central Mesa LRT Extension and the Tempe Streetcar are scheduled for completion in FY 2016, and nine new bus routes are anticipated over the next five years.

Mr. Herzog stated that ongoing issues are much the same as last year and include the impact of economic recovery on transportation revenue collections, federal transportation funding, and project scope/cost updates and program adjustments. He reported that the consultant is completing work on the Proposition 400 Performance Audit and results are expected during the fall of 2011. Mr. Herzog noted that the public hearing will take place after this. He stated that the Board of Supervisors, the State Transportation Board, Regional Public Transportation Authority and the Citizens Transportation Oversight Committee will need to make recommendations regarding the audit findings.

Chair Meyer thanked Mr. Herzog for his report. No questions from the committee were noted.

7. Draft Federal Fund Programming Guidelines and Procedures

Eileen Yazzie, MAG Project Manager, reported that in 2009, the Management Committee formed the Federal Fund Working Group to discuss four issues that impact the region's ability to spend federal funds: project deferrals, project development and small and/or inexperienced member agencies, project costs, and local financial commitment. She expressed her appreciation to those staff members who participated in the lengthy Working Group process.

Ms. Yazzie stated that initially, six peer MPO/COGs and their local sponsored federal aid project processes were evaluated. She remarked that after the evaluation, it was apparent that this region was not doing much and other agencies were doing a lot, such as status tracking, to ensure their federal funds are spent. Ms. Yazzie stated that some organizations have harsh rules, such as limiting deferrals to one occurrence, and appeals are made to the Regional Council directly. She stated that some agencies have investigative teams who make recommendations if a project should be deleted or stay in the program with a later schedule. Ms. Yazzie stated that one common theme was reporting: agencies do progress reports and action is taken on whether the jurisdiction is meeting its schedule. She indicated that better upfront project scoping and monitoring against milestones were important.

Ms. Yazzie then addressed the revised guidelines and noted that section 300 was the only section unchanged. She stated that to address the local financial commitment, once a project has been approved for inclusion in the TIP, an agency has 11 months to make a commitment on the project by implementing the following elements: issuing a commitment letter from the jurisdiction's manager, including the project in the jurisdiction's capital improvement program, determining a project schedule, showing continuous progress, and submitting a progress report every six months. Ms. Yazzie stated that the status report will be an action item on committee agendas every six months to see if projects need to be moved into a different year, deferred or deleted.

Ms. Yazzie stated that scope and project changes have been clearly defined. Ms. Yazzie stated that in the past, concern was expressed for scope changes, because some agencies wanted to completely change a project to a different project. She reported that this will no longer be allowed, old projects will be deleted, the funds will be available to the entire region, and new projects will compete for funding.

Ms. Yazzie stated that appeals will be made directly to the Regional Council on actions taken based on the guidelines. She stated that a project can be deferred only one time, and the second time, if progress is not shown, the project is deleted. Ms. Yazzie advised that external factors could impact a project, such as archaeological or utility issues, and in that case, a project might be rescheduled and allowed a second deferral.

Ms. Yazzie reviewed the next steps for this item, which includes consideration by the Regional Council later this month, followed by definition of the schedule at the next Transportation Review Committee meeting and discussion of the implementation at the technical committees. She said that this process will begin immediately and it is anticipated that the progress status reports will be brought through the committee process beginning in January. Ms. Yazzie stated that the full guidelines will not apply to FY 2012 projects, some FY 2013 projects, but will apply to FY 2014 projects. She said that the priorities for available FY 2012 closeout funds will be done in December and January.

Chair Meyer thanked the committee, the staff and Ms. Yazzie for a job well done. He expressed appreciation to Chris Brady for chairing the Working Group and he said that a lot of thought and work went into the new guidelines. Chair Meyer asked Mr. Butler to pass along these comments to Mr. Brady. He asked members if they had questions.

Mr. Harris stated that this was a good work effort that the County staff took very seriously. Mr. Harris stated that the County understands that the requirements are more strict, but advocates for strict adherence and will be looking for that.

Dr. Isom, as a member of the Working Group, expressed his appreciation to Mr. Smith and staff for their guidance and to Mr. Brady for chairing. He stated that the Working Group was tasked with addressing four issues and he felt the draft guidelines takes great steps in a positive direction to address them, but one thing that did not change is requiring only the city or town manager's signature to submit the application. Dr. Isom stated that he thought this was a contributor to staff driven applications that appear to decrease the efficiency and effectiveness of the program and as a result, projects are not being completed in a timely fashion. He went on record to say there is

another step that could be taken, which is to require a council resolution at the time of application. Dr. Isom stated that this is a method used by ADOT, the County, and tribes to ensure local transparency of the application process. He stated that the manager's signature in the CIP does not achieve the same commitment over time as a resolution. Dr. Isom stated that a resolution might seem insignificant, but it shows the member agency's council gave thought to the importance of the project. He expressed that in his opinion, resolutions would reduce deferrals, make smaller communities more competitive, and show commitment by councils, which would lead to more successful and timely projects. Dr. Isom stated that in discussion with his colleagues, introducing a resolution requirement at this time would create divisions among the committee members and would not be appropriate. He stated that El Mirage is interested in problem solving by developing relationships and improving processes and resolving issues – not creating them. Dr. Isom stated that he would not be making a case to include the resolution provision, but would be supporting a motion to move forward the draft guidelines. He added that he felt confident proceeding with the guidelines as presented.

Mr. Smith expressed his appreciation to Mr. Brady, the Working Group, Ms. Yazzie, and Eric Anderson, who all worked very hard on this. He assured the committee that MAG takes this very seriously. Mr. Smith announced that Ms. Yazzie had been promoted to Planning Project Manager for Transportation because she has done such a good job at MAG.

Mr. Butler extended Mr. Brady's apologies on being unable to attend the Management Committee meeting today, and expressed Mr. Brady's thanks to his colleagues for participating on the Working Group. Mr. Butler expressed appreciation for the comments made today and as the process is implemented, if the changes are not effective in addressing concerns, he said that Mr. Brady is willing to reconvene the Working Group and work further on solutions.

Hearing no further discussion, Chair Meyer called for a motion. Dr. Isom moved to recommend approval of the Draft Federal Fund Programming Guidelines and Procedures. Mr. McClendon seconded, and the motion passed unanimously.

8. Update on the MAG Five Percent Plan for PM-10

Lindy Bauer, MAG Environmental Director, provided an update on the MAG Five Percent Plan for PM-10 and the activities to prevent PM-10 exceedances at the monitors and throughout the region. She said that this has been quite the year for dust storms and haboobs, and as of October 4, 2011, there have been 87 exceedances of the PM-10 standard with 86 due to exceptional events.

Ms. Bauer stated that these events have generated a great deal of work for the Arizona Department of Environmental Quality (ADEQ), assisted by Maricopa County Air Quality Division and MAG staff. She noted that the exceptional events occurred over 19 days, which translates to 1,075 work days. Ms. Bauer stated that ADEQ is anticipated to complete documentation on the first batch of July 1 to July 8, by the end of the month. She noted that there will be a rough draft of the documentation that will be submitted to the Environmental Protection Agency (EPA) for comments. Ms. Bauer stated that the EPA expects to issue final guidance on exceptional events

in November or December and she said she hoped it addresses MAG concerns about the flawed exceptional events rule.

Ms. Bauer stated that MAG is working with its Washington, D. C., legal counsel, Crowell and Moring and Patton Boggs regarding potential legislative remedies for exceptional events. She explained that this work is being done as a result of the extensive work required to document these exceptional events, which then has to be submitted to EPA, who takes a long time to review the documentation and concur or not concur.

Ms. Bauer stated that the City of Phoenix designed a brochure to help in outreach efforts to control dust. She said that the brochure, which was included in the agenda packet, includes information on such things as fines for dust causing activities and keeping ATV riding to designated places.

Ms. Bauer stated that MAG is receiving conflicting information on the plan. She said that in July, she reported to the Management Committee that EPA said MAG could take credit for the city, county and state measures. However, one person at EPA now says that EPA does not want the local commitments, ordinances, and rules in the plan because it is too time consuming for EPA to approve them all and EPA only wants the new dust action general permit in the plan. Ms. Bauer stated that another EPA person told the state it did not have to submit the fixes to the enforceability issues with agricultural best management practices for one year, which is a concern because a complete plan needs to be submitted to EPA in time to turn off the sanctions clocks. Ms. Bauer indicated that MAG had wanted to have a draft document available in November for public review, have a public hearing, take it through the MAG process in January and submit it to EPA in February. She added that this schedule could slip one month and still allow the six months required by EPA to find the plan complete. Ms. Bauer stated that this morning before the Management Committee meeting, ADEQ sent over a table of existing state laws and rules and wants to include municipal ordinances. Ms. Bauer stated that clear cut guidance from EPA staff is needed.

Ms. Bauer reported on the court ruling that was issued to reinstate lottery funds for transit (Local Transportation Assistance Fund or LTAF). She noted that LTAF was a measure in the 1993-1994 carbon monoxide plan and the final court order told the state to reinstate the funds for transit and described how the funds would be reinstated for transit. Ms. Bauer reported that the court order says that the injunction stays in place until the Legislature reinstates the funding or the EPA publishes a notice in the Federal Register to relieve the state of the funding commitment for LTAF. She noted that at this time, transit with the LTAF funding commitment is an existing measure in the air quality plans.

Chair Meyer thanked Ms. Bauer for her report and asked members if they had questions.

Mr. McClendon asked the form a legislative fix might take. He remarked that if there were 86 events it seems they might not be exceptional. Ms. Bauer replied that one option is that states make the determination on exceptional events, in consultation with the EPA. She said that states are familiar with their own environments and meteorology and could prepare their own documentation and evaluate the events. Ms. Bauer noted that already there is a similar process

with the federal conformity analysis process that requires a demonstration that transportation plans do not harm air quality. She said that the finding of conformity is done by the U.S. Department of Transportation in consultation with the EPA. Ms. Bauer stated that the process could be patterned after that and would be designed to expedite the process and minimize the workload.

Chair Meyer asked Ms. Bauer to expand on the implications of the court order. Ms. Bauer stated that under the Clean Air Act, one air quality plan builds upon another. She said that the transit improvements measure with LTAF as one of the funding sources was identified in the bill that the Legislature passed in 1993 and included in MAG's air quality plans. Ms. Bauer stated that in 2010, the Legislature repealed LTAF for transit due to the economy, and then the Center for Law in the Public Interest filed a lawsuit and contended that the Legislature did not have the authority to do that; it was a measure in the air quality plans and the only way to remove it was to receive prior approval from EPA. Ms. Bauer stated that the state is not happy with the court ruling and ADEQ staff indicated they would like to see LTAF removed as a funding commitment in the air quality plans. She stated that EPA sent a letter to MAG in March 2011, which indicated that EPA understood that the Legislature had repealed LTAF and this must be addressed in the modeling to show the impact. Ms. Bauer stated that the court has now ruled and reinstated LTAF. She said that it appears that the cities are looking forward to any funding for transit in these tough economic times and the air quality plans were the saving grace for restoring LTAF funding. She indicated that ADEQ has not communicated any further requests to remove LTAF from the plan and it is still an existing measure.

Chair Meyer stated that EPA has no incentive to remove LTAF from air quality plans – it would have to be requested by Arizona. He asked who had the greatest incentive and what is the process by which EPA would agree to remove LTAF from air quality plans. Ms. Bauer replied that the Clean Air Act Section 110(l) indicates that the EPA administrator is not allowed to approve any revision that will interfere with attainment or maintenance of the standard. She said that modeling would need to be done to show that removing the LTAF funding source from the air quality plans would not hurt attainment or maintenance. Ms. Bauer stated that the court has now ruled and there is no need to change the air quality plans because LTAF was reinstated. She added that it is unknown if the state will continue to press on this issue. Ms. Bauer mentioned that under state law, MAG develops the air quality plans, but ADEQ submits them to EPA.

Chair Meyer asked if ADEQ has the ability to amend the MAG plans on its own to remove LTAF or would its removal require MAG's approval. Ms. Bauer replied that LTAF was included in the Transit Improvements Measure in MAG's air quality plans. To be removed, it would need to come through the MAG process, submitted to ADEQ, which would then submit it to EPA for approval and publication in the Federal Register. On the other hand, the Legislature passed a bill to exempt motorcycles from vehicle emissions testing, which is a state program. Ms. Bauer stated that ADEQ prepared a SIP revision that showed an insignificant impact on air quality and submitted it to EPA. She reported that EPA said a substitute measure would be needed and ADEQ wanted to substitute a federal measure, and EPA has indicated that it will not approve that as a SIP revision.

9. MAG FY 2013 PSAP Annual Element/Funding Request and FY 2013-2017 Equipment Program

Liz Graeber, Maricopa Region 9-1-1 Administrator, reported that funding for 9-1-1 service and equipment is derived by a monthly 20 cent tax on each cell and wireline telephone, which is then administered by the Arizona Department of Administration (ADOA). Ms. Graeber stated that since 2003, the state has used the 9-1-1 funds to balance the state general fund, leaving the 9-1-1 fund depleted.

Ms. Graeber stated that the ADOA has notified MAG that no new capital equipment purchases would be funded due to the lack of funds. She said that regularly scheduled system improvements were planned for the Maricopa County Sheriff's Office, Surprise Police, Paradise Valley Police, and Buckeye Police but now cannot be funded. Ms. Graeber stated that requests for additional equipment were denied at Arizona State University Police, Goodyear Police, Glendale Police, Mesa Police, Phoenix Police, and Rural Metro.

Ms. Graeber stated that the FY 2013 PSAP budget was before the Management Committee today. It totals \$9.8 million and includes \$2.2 million in capital costs that were denied in FY 2012 and moved to FY 2013 in hope that funding would be available. Ms. Graeber stated that as part of the budget process, the PSAPs also develop a five year projection for new equipment and aging equipment. She noted that they try to be proactive and replace the equipment before waiting until it fails. Ms. Graeber the current five year program includes two Phoenix Police Department sites, a Phoenix Fire site and Mesa, which are the four largest 9-1-1 centers in the region. Ms. Graeber added that the wireless call routing equipment also needs to be replaced. She advised that if the state sweeps the fund for FY 2013, the funding for monthly network costs and maintenance will be jeopardized and this could lead to revising the level of 9-1-1 service to meet the budget.

Chair Meyer thanked Ms. Graeber for her report and asked members if they had questions.

Mr. Smith asked which agency was at the most risk with old equipment. Ms. Graeber replied that the Maricopa County Sheriff's Office equipment is the oldest in the state at 11 years old and is at the highest jeopardy and it is one of the busiest PSAPs. She explained that the vendor will still support the equipment but that will be ending soon due to the equipment's age.

Mr. Smith asked for clarification that new equipment for the Maricopa County Sheriff's Office would not be funded through the state 9-1-1 fund. Ms. Graeber replied yes. Mr. Smith stated that many of the smaller communities contract with the Sheriff's Office to provide their 9-1-1 service.

Mr. Harris stated that the County is building a new facility that will house the County 9-1-1 center and Sheriff's administrative office. He added that the Board of Supervisors has approved a budget to build the project and it is due to open in 2014. Mr. Harris stated that the County's existing infrastructure is quite frail, shuts down occasionally and is in need of replacement.

With no further discussion, Chair Meyer called for a motion. Mr. Swenson moved to recommend approval of the MAG FY 2013 Public Safety Answering Point Annual Element/Funding Request and FY 2013-2017 Equipment Program. Mr. Crossman seconded, and the motion passed unanimously.

10. Domestic Violence Awareness Month Activities

Amy St. Peter, MAG Human Services Manager, presented information related to Domestic Violence Awareness Month activities. She said that the purpose of the presentation is to provide materials and solicit assistance in distributing these materials throughout the region's communities. Ms. St. Peter requested that member agencies promote the Domestic Violence Awareness Month activities on websites and at meetings.

Ms. St. Peter stated that in May 2011, the Management Committee received a report on the MAG Protocol Evaluation Project, which is realigning the way domestic violence offenders are arrested and prosecuted to a more coordinated approach.

Ms. St. Peter stated that MAG produced an outreach video as part of the Protocol Evaluation Project. She said that the video is featured on the MAG website and on YouTube, and has been distributed to municipal cable stations. A trailer of the video was shown and she cautioned viewers ahead of time that portions of the video depicted scenes that were graphic in nature. Ms. St. Peter stated that a free training on the new protocol model will be October 20, 2011, at the Wyndham Hotel in Phoenix. She requested that they have nearly reached registration capacity. Ms. St. Peter stated that the program has applied for STOP grant funding from the Governor's Office this year.

Chair Meyer thanked Ms. St. Peter for her report. Referencing the graphic nature of the video, he asked about a version that would be available for all viewers on municipal channels. Ms. St. Peter replied that only the one version has been produced and is to air after 8:00 p.m., but if there is interest, perhaps a version could be produced that could be shown to all audiences.

Mr. Smith noted that the training effort has received statewide interest, and so far, approximately 200 people have signed up for the protocol model training. He noted that domestic violence is extremely costly to jurisdictions and the cycle needs to be broken.

11. Update on the MAG Economic Development Committee

Denise McClafferty, MAG Management Analyst, began the update on recent activities of the MAG Economic Development Committee (EDC). She first spoke of the new website being developed, called Greater Phoenix Rising, which is a partnership between MAG and the Greater Phoenix Economic Council (GPEC) to provide regional information that will assist businesses interested in opportunities in Arizona. Ms. McClafferty referenced the comments by Jim Johnson at the MAG Manager's Forum in March 2008, that a website forms first impressions of an organization. Ms. McClafferty noted that the Greater Phoenix Rising website will be launched live at the November 1 EDC meeting.

Ms. McClafferty reported that MAG staff is working with the Arizona Mexico Commission, the Central Arizona Association of Governments and the Pima Association of Governments to coordinate a trip to the Nogales Ports of Entry on Monday, December 12, 2011. She said that the purpose of this trip is to explore how leadership in this region could assist in improving the border crossing to be more competitive. Ms. McClafferty gave as an example Texas border crossings are

operational 24 hours per day, seven days per week, while Arizona crossings are operational only eight hours per day. Ms. McClafferty stated that there is also the possibility of a trip to San Luis in regard to Punta Colonet issues.

Ms. McClafferty reported that the Canada Arizona Business Council suggested that MAG work with them on a meet and greet between elected officials and Canadian business leaders in Arizona to discuss targeted mutual interests.

Ms. McClafferty reported that work continues with the Arizona Commerce Authority, ADOT, and the Arizona Aerospace and Defense Commission on a supply chain study for Arizona. She noted that the next supply chain meeting is scheduled for October 19, 2011.

Ms. McClafferty stated that some of the EDC projects may require research assistance, and the Thunderbird School of Global Management is an untapped resource in the Valley that could assist with research and consulting services through its MBA students. She added that support for this effort will be discussed at the November Executive Committee agenda.

Ms. McClafferty stated that at the November 1 EDC meeting, the committee also will discuss how prospective international companies are directed in the Valley and Arizona.

Amy St. Peter continued the presentation with a status report on the Brookings Metropolitan Business Planning Initiative. She said the effort was launched at the October 4th MAG EDC meeting. Ms. St. Peter stated that a number of very positive articles about the initiative have been published in the newspaper. She expressed appreciation to Mayor Hallman, Mayor Schoaf, and Mayor Smith for their time with the editorial board and staff from Brookings. She acknowledged GPEC as a primary partner on the project. Ms. St. Peter stated that aligning what is developed through the process with existing goals and plans is important so that regional development agencies can carry on the work. She said that Brookings requested that regional representatives complete a public and private inventory of any economic development initiatives. Ms. St. Peter stated that GPEC has an approved plan that will be incorporated into the exercise so as not to duplicate efforts.

Ms. St. Peter stated that a work session is scheduled for October 20 and October 21, 2011, to identify the gaps and opportunities in the region's economy and to develop a prioritized list of strategies to promote a sustainable prosperity. She said that the work session is a great opportunity for economic development representatives to discuss gaps, opportunities, and strategies. Ms. St. Peter added that input on the best way to support individual economic development initiatives is welcome.

Ms. St. Peter stated that the interview guide has been distributed through the EDC membership and Leadership Advisory Team. Ms. St. Peter stated that MAG staff is available to assist and wants to accommodate busy schedules to make sure that everyone's perspectives are represented. She said that the work session is important because the strategies will be identified from which the lead initiative is determined.

Chair Meyer thanked Ms. McClafferty and Ms. St. Peter for their reports. There were no questions from the committee.

12. Request for Future Agenda Items

Topics or issues of interest that the Management Committee would like to have considered for discussion at a future meeting were requested.

Mr. Harris stated that the County recently conducted a retreat on solid waste and is going to rebrand its solid waste program as Waste Resources and Recycling. He stated the County operates landfills in ten different jurisdictions and wants to make improvements. Mr. Harris stated that the County wants to work more closely with MAG on solid waste and would like to re-engage the MAG Solid Waste Committee.

Mr. Cavazos stated that the City of Phoenix has consolidated its garbage and recycling services to become more cost effective. He suggested having work or study sessions where jurisdictions could present practices that have been successful for them.

Mr. Smith stated that a memorandum would be sent to members regarding reinstating the Solid Waste Committee and confirming the name of the representative the jurisdiction would like appointed to the committee.

13. Comments from the Committee

An opportunity was provided for Management Committee members to present a brief summary of current events. The Management Committee is not allowed to propose, discuss, deliberate or take action at the meeting on any matter in the summary, unless the specific matter is properly noticed for legal action.

Chair Meyer noted that a tour of the MAG Meeting Center would follow adjournment of the Management Committee meeting.

Adjournment

There being no further business, Mr. Crossman moved, Mr. McClendon seconded, and the meeting was adjourned at 1:20 p.m.

Chair

Secretary

MARICOPA ASSOCIATION OF GOVERNMENTS

INFORMATION SUMMARY... for your review

DATE:

November 1, 2011

SUBJECT:

Implementation of the Federal Fund Programming Guidelines

SUMMARY:

The Federal Fund Programming Guidelines were approved by the MAG Regional Council on October 26, 2011. The Programming Guidelines outline a different process, schedule, and information exchange than what was done before. In order to implement the Programming Guidelines, a transition period is needed, acknowledging some requirements will not be completed. Please refer to the attached memorandum and overall transition schedule that outline applicable guidelines for projects programmed for obligation in Federal Fiscal Years 2012, 2013, and 2014.

The Transportation Review Committee (TRC) discussed the guidelines and implementation of the deferral policy and agreed with the memorandum. They also commented that changes to the guidelines may need to be made once the implementation begins for unforeseen issues. It was also noted that the first project status report will report on approximately 95 federal aid projects, and additional technical advisory committee input may be needed. It was discussed to begin the process in December at TRC, and evaluate the workload and make any modifications or suggestions to move forward after that meeting.

PUBLIC INPUT:

There was no public comment.

PROS & CONS:

PROS: Implementation of these recommendations will allow for additional and accelerated transportation projects to be funded in the MAG region and aid in the programming of federal aid projects in the upcoming and current year of the MAG Transportation Improvement Program (TIP).

CONS: Adds more process and oversight by MAG for local sponsored federal aid projects.

TECHNICAL & POLICY IMPLICATIONS:

TECHNICAL: Implementing the Federal Fund Programming Guidelines to address multiple project deferrals, tracking project development against milestones, ensure local financial commitment, and set stringent guidelines for project changes. The new Guidelines set up a dynamic TIP process for projects to move into the first year of the TIP dependent on completion of milestones.

POLICY: Changes the Regional Transportation Plan policy for funding bicycle, pedestrian, and Intelligent Transportation System (ITS) projects from 70 percent - federal/30 percent - local, to the maximum federal share 94.3 percent - federal/5.7 percent - local.

ACTION NEEDED:

Information and discussion.

PRIOR COMMITTEE ACTIONS:

Transportation Review Committee: On October 27, 2011, the TRC provided input to the implementation of Federal Fund Programming Guidelines memorandum.

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 Conduit |
| El Mirage: Lance Calvert | RPTA: Bob Antilla for Bryan Jungwirth |
| Fountain Hills: Randy Harrel | Scottsdale: Dave Meinhart |
| * Gila Bend: Eric Fitzer | * Surprise: Bob Beckley |
| * Gila River: Doug Torres | Tempe: Chad Heinrich |
| Gilbert: Tami Ryall | Valley Metro Rail: John Farry |
| Glendale: Terry Johnson | * Wickenburg: Rick Austin |
| Goodyear: Cato Esquivel | Youngtown: Grant Anderson for Lloyce Robinson |
| Guadalupe: Gino Turrubiarres | |

EX-OFFICIO MEMBERS ATTENDING

- | | |
|--|--|
| Street Committee: Dan Cook, City of Chandler | * Bicycle/Pedestrian Committee: Katherine Coles, City of Phoenix |
| * ITS Committee: Debbie Albert, City of Glendale | * Transportation Safety Committee: Julian Dresang, City of Tempe |

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

CONTACT PERSON:

Eileen Yazzie, (602) 254-6300.

November 1, 2011

TO: Members of the MAG Management Committee

FROM: Eileen Yazzie, Transportation Planning Project Manager

SUBJECT: IMPLEMENTATION- FEDERAL FUND PROGRAMMING GUIDELINES

The Federal Fund Programming Guidelines are on the Regional Council agenda for approval on October 26, 2011. The Programming Guidelines restructure the programming process for MAG federally funded projects that are included in the TIP, requiring significantly more information from agency sponsors and proof of maintenance of effort to complete projects by the programming deadline identified in the TIP.

As these are major new requirements, it is not feasible for most federally funded projects programmed in FFY 2012 through FFY 2014 to comply with these Guidelines. Accordingly a transition period to allow member agencies to come into compliance with the new programming guidelines is needed Member agencies are requested to review the information below and the overall transition schedule for projects programmed for obligation in 2012, 2013, and 2014.

For All Projects: 2012, 2013, and 2014

The following rules apply to all FFY 2012 through FFY 2014, MAG federally funded projects:

1. All projects will start with a 'clean slate', so that past deferrals will not be taken into consideration with regard to the new process.
2. At this time no deferrals will be allowed into FFY 2015. Currently, there are no MAG federally funded projects programmed in FFY 2015 and due to the ongoing uncertainty of federal funding. It is highly desirable to maintain a hedge against possible federal funding shortfalls. If an agency feels that it cannot obligate its federally funded project by the end of FFY 2014, it should request to delete the project and reapply for federal funding when it becomes available in the future. The opening up of FFY 2015 for programming is anticipated for the Fall of 2012.
3. The Guidelines per Section 500.3 accelerate the process for closing out the federal fiscal year by defining projects (hereafter referred to as Tier 3) for the closeout in June-July for the upcoming federal fiscal year. As the June-July date has already past, projects for FFY2012 inclusion in Tier 3 will be considered in December-January.

4. The Guidelines in general and Section 700, in particular, strive to limit projects programmed in the current federal fiscal year to those that have a reasonable chance of obligating in that federal fiscal year. For this reason, project advancements into FFY 2012 and FFY 2013 will be evaluated on a case by case basis to establish whether they meet Tier 1 criteria (60% design, environmental submitted, right-of-way appraisals complete). The spreadsheet workbook that is being distributed to member agencies is intended, in part, to identify potential candidate FFY 2013 and FFY 2014 projects that can be advanced and those FFY 2012 projects that may need to be deferred to a year in which they have a reasonable chance of being obligated.

5. The Guidelines per Section 800 significantly strength requirements of sponsoring agencies to complete projects as defined and selected in the competitive process for MAG federal funding. In the transitional period leading up to the full implementation of the Guidelines it is strongly recommended that member agencies review their projects to insure that they are being develop as programmed in the TIP and if changes are needed request a project change when submitting the Project Status Report. Consolidation of projects will be reviewed on a case by case basis due to air quality conformity commitments.

Projects Scheduled for Obligation in Federal Fiscal Year (FFY) 2012

The Guidelines require that all projects programmed for the current federal fiscal year demonstrate local funding commitment and meet Tier 1 requirements (60% design, environmental submitted, right-of-way appraisals complete). However, these requirements are not feasible for FFY 2012 projects, and hence are waived for them. However, if they are deferred into a later year, they will need to fully comply with that year's requirements (see sections for FFY 2013 and FFY 2014).

FFY 2012 projects will need to comply with the following schedule:

- October – December 2011 – Agency Information Update and Change Requests:
 - Member agencies provide project status information, including a project development schedule with dates for completion of key milestones in the project development process.
 - Concurrently, member agencies will review their projects and as appropriate request deferrals and project changes
- December-January 2012 – Committee Actions:
 - The project status report with action items will be on the December 2011 – January 2012 committee cycle for approval.
 - Once a project change is approved, Section 800.4 is applicable.
- December 2011 – January/February 2012: Tier 3 (formally known as Closeout) – Section 500.3: Develop priorities for the current year.

Projects Scheduled for Obligation in FFY 2013

The following applies to all projects programmed in FFY 2013, including those that are deferred from FFY 2012 or advanced from FFY 2014.

- October – December 2011 - Agency Information Update and Change Request:: FFY 2013 projects will comply with the same schedule and list activities as applied to FFY 2012 projects (See the above section for the October-December 2011 period)
- December-January 2012 – Committee Actions: FFY 2013 projects will comply with the same schedule and list activities as applied to FFY 2012 projects (See the above section for the December-January 2012 period).
- June 8, 2012: Local commitment information is due.
 - Notification will be sent out in November/December and a reminder in May 2012.
 - Schedule, CIP, Staff, Work Plan. The CIP information is normally required, but may not be complete by July 2012. It is understood that the CIP commitment may happen after July 2012, but a schedule of when it will be put in the CIP will be needed.
- June – September 2012: Tier 3 (formally known as Closeout) – Section 500.3: Develop priorities for the upcoming year.

Projects Scheduled for Obligation in FFY 2014:

- June 8, 2012: Local commitment information is due. This is the same as for FFY 2013 projects (Please see the section above about Local commitment information).
- May 1, 2013: Due date for 60% plans, environmental submittal, right of way appraisals.
 - Section 500.3 is applicable.
- June – September 2013: Tier 3 (formally known as Closeout) – Section 500.3: Develop priorities for the upcoming year.
- Project Deferrals and Deletions – Section 600: Applicable to all projects; all projects start with a 'clean slate.'

Implementation Schedule for Dynamic TIP Process for Federal Funded Projects

Year	Month	Action	Affected Projects		
			FFY 2012 Projects	FFY 2013 Projects	FFY 2014 Projects
2011	October	MAG Staff sends Local Commitment information to 2013 and 2014 projects	-----	Yes	Yes
	October - December 1st	Lead agencies complete project status report and request any project changes.	Yes	Yes	-----
	December	TRC: review project status report and makes recommendations to advance, defer, delete projects, and make project changes from the TIP.	Yes	Yes	-----
		TRC: Makes recommendation for Tier 3 (Closeout) priorities	Yes	-----	-----
2012	January	MC, TPC, RC: review project status report and makes recommendations to advance, defer, delete projects, and make project changes from the TIP.	Yes	Yes	-----
		MC, TPC, RC: Makes recommendation for Tier 3 (Closeout) priorities	Yes	-----	-----
	June	June 8: Due date for project status information & Local Project Commitment information for 2013 & 2014 Projects	Yes	Yes	Yes
		28th: TRC reviews project status report focusing on the upcoming year - Tier 1 - FY2013 projects and others, and makes recommendations to advance, defer, and delete projects from the TIP	Yes	Yes	Yes
	July	MC, TPC, RC: reviews project status report focusing on the upcoming year - Tier 1 projects and others, and makes recommendations/approval to advance, defer, and delete projects from the TIP	Yes	Yes	Yes
		30th: Due Date for information to ADOT for project obligation in current federal fiscal year.	Yes	-----	-----
	August	*6th-16th: Project information related to Tier 2 and Tier 3 decisions due to MAG	-----	Yes	-----
		*TRC: review information related to Tier 2 and Tier 3 projects, and makes advancement and project change recommendations.	-----	Yes	-----
	September	*MC, TPC, RC: reviews information related to Tier 2 and Tier 3 projects, and makes advancement and project change recommendations/approval.	-----	Yes	-----
	December	TRC: review project status report and makes recommendations to advance, defer, delete projects, and make project changes from the TIP.	-----	Yes	Yes
2013	January	MC, TPC, RC: review project status report and makes recommendations to advance, defer, delete projects, and make project changes from the TIP.	-----	Yes	Yes
	May	April 30th - May 11th: Due date for project status information	-----	Yes	Yes
		24th: TRC meets to review information and answer questions related to the upcoming year - FFY2014	-----	Yes	Yes

Year	Month	Action	Affected Projects		
			FFY 2012 Projects	FFY 2013 Projects	FFY 2014 Projects
2013	June	28th: TRC reviews project status report focusing on the upcoming year - Tier 1 - FY2014 projects and others, and makes recommendations to advance, defer, and delete projects from the TIP	----	Yes	Yes
	July	MC, TPC, RC: reviews project status report focusing on the upcoming year - Tier 1 projects and others, and makes recommendations/approval to advance, defer, and delete projects from the TIP	----	Yes	Yes
		30th: Due Date for information to ADOT for project obligation in current federal fiscal year.	----	Yes	----
	August	6th-16th: Project information related to Tier 2 and Tier 3 decisions due to MAG	----	----	Yes
		23rd: TRC review information related to Tier 2 and Tier 3 projects, and makes advancement and project change recommendations.	----	----	Yes
	September	MC, TPC, RC: reviews information related to Tier 2 and Tier 3 projects, and makes advancement and project change recommendations/approval.	----	----	Yes
December	TRC: review project status report and makes recommendations to advance, defer, delete projects, and make project changes from the TIP.	----	----	Yes	
2014	January	MC, TPC, RC: review project status report and makes recommendations to advance, defer, delete projects, and make project changes from the TIP.	----	----	Yes

MARICOPA ASSOCIATION OF GOVERNMENTS

INFORMATION SUMMARY... for your review

DATE:

November 1, 2011

SUBJECT:

Amendment to the Caliper Corporation Contract to Perform Second Phase of the Inner Loop Traffic Operations Model

SUMMARY:

In May 2009, the MAG Regional Council approved the FY 2010 MAG Unified Planning Work Program and Annual Budget, which included the 2010 Inner Loop Traffic Operations Model Development Phase I. On March 22, 2010, the MAG Regional Council Executive Committee selected Caliper Corporation to conduct the effort for \$499,930. The project is in the final stages of development and the Consultant has built the microsimulation model for the area bounded by SR-101L on the west, north, east, and SR-202L on the south. The member agencies within the project study area include Arizona Department of Transportation, Maricopa County, City of Chandler, City of Glendale, Town of Guadalupe, City of Mesa, Town of Paradise Valley, City of Peoria, City of Phoenix, Salt River Pima-Maricopa Indian Community, City of Scottsdale, City of Tempe, and City of Tolleson.

In May 2010, the MAG Regional Council approved the FY 2011 MAG Unified Planning Work Program and Annual Budget, which included the 2011 Phase II - Inner Loop Traffic Operations Model for \$250,000. During the development of the model, numerous changes have been made to the lane geometrics. Agencies have updated the traffic signal timing data for numerous intersections and additional existing traffic signal timing data have become available. New three-dimensional models have been developed and can be incorporated into the model. To conduct these network enhancements to the model will require an amendment to the contract to incorporate Phase II into the scope of work and will require an additional amount of \$250,000. MAG federal funds would be used for this additional work.

The microsimulation model depicts traffic operations using existing traffic signal controller data to best replicate current roadway conditions of the greater metropolitan Phoenix region in a virtual setting. This includes local streets, urban arterials, freeways, and ramps. The goal of the project is to develop a model on a microsimulation level that is congruent with member agencies' current signal timings. Traffic flow is represented by individual drivers and vehicles whose attributes reflect the composition of Phoenix area characteristics. With the model replicating existing conditions, the simulation program TransModeler uses a dynamic route choice algorithm to simulate driver expectations versus driver experience to realistically portray traffic operations on the network.

The model is one of the largest microsimulation projects in the U.S., if not the largest. It includes almost 1,700 signalized intersections, 2,185 miles of arterial roadways, 315 miles of freeways, more than 7,800 lane-miles of roads, more than two million individual vehicle trips, and more than 100,000 individual vehicles in the network at total network saturation. With the capability of dynamic traffic assignment, the model can be used to forecast traffic operations based on changes to the traffic network. This may include new physical changes to freeways, traffic interchanges, and arterial roadways, as well as new temporal changes to traffic signal timing or controller parameters.

Anticipating the impacts to the network from changes to the existing network will help member agencies in the decision-making process.

PUBLIC INPUT:

None.

PROS & CONS:

PROS: The final microsimulation model will include network enhancements including up-to-date traffic signal timing data that reflect existing traffic operations for the multiple member agencies, updates on signal controller data policies that reflect changes mandated by the federal level, three dimensional graphics that enhance the rendering of the simulation, additional roadways that have been constructed during Phase I, updated traffic vehicle counts from freeway detector stations such that traffic patterns are updated, targeted traffic counts on arterial roadways to supplement the existing model and accurately reflect operations, and previously missing data from member agencies that can be incorporated into the model.

CONS: Elements of the transportation network that became available over the last year are not incorporated into the microsimulation model, leaving the model outdated with existing conditions not reflected in the virtual model. Three-dimensional rendering will be incomplete and will not be able to be used in a public setting. Traffic signal controller data will not reflect any of the changes mandated by federal agencies and adopted by the member agencies.

TECHNICAL & POLICY IMPLICATIONS:

TECHNICAL: This study will produce a microsimulation model capable of providing three-dimensional computer graphics depicting anticipated changes to the greater metropolitan Phoenix area roadway network. This will assist member agencies in the decision-making process for roadway network development.

POLICY: None.

ACTION NEEDED:

Recommend amending the Caliper Corporation contract by \$250,000 to conduct the additional work for the 2010 Inner Loop Traffic Operations Model Development.

PRIOR COMMITTEE ACTIONS:

In May 2010, the Regional Council approved the MAG FY 2011 Unified Planning Work Program and Annual Budget, which included the 2011 Phase II - Inner Loop Traffic Operations Model for \$250,000.

CONTACT PERSON:

Bob Hazlett, MAG Senior Engineer, 602 254-6300.

Arterial Life Cycle Program



Status Report



CONTENTS



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 Arterial Life Cycle Program (ALCP) receives dedicated sales tax revenues from Proposition 400 allocated for transportation improvements to the arterial road network in Maricopa County.

The Regional Transportation Plan (RTP) adopted in 2003 allocates three revenue sources to fund projects in the ALCP. The revenue sources include the half-cent sales tax; Surface Transportation Program – MAG Funds (STP-MAG); and, Congestion Mitigation and Air Quality Improvement Program Funds (CMAQ). Revenues from the ½-cent sales tax allocated to arterials are deposited into the Regional Area Road Fund (RARF) account on a monthly basis. Table 1 provides a breakdown of Proposition 400 revenues collected between July 2010 and June 2011 by mode.

TABLE 1. FY 2011 PROPOSITION 400 COLLECTIONS (July 2010 - June 2011)				
	Freeways	Arterial Streets	Transit	TOTAL
July	\$13,817,152	\$2,581,496	\$8,187,031	\$24,585,680
August	\$13,254,778	\$2,476,426	\$7,853,810	\$23,585,014
September	\$13,417,412	\$2,506,812	\$7,950,175	\$23,874,398
October	\$13,923,085	\$2,601,288	\$8,249,799	\$24,774,172
November	\$13,707,146	\$2,560,944	\$8,121,850	\$24,389,939
December	\$14,016,997	\$2,618,834	\$8,305,445	\$24,941,276
January	\$16,942,542	\$3,165,422	\$10,038,909	\$30,146,873
February	\$13,891,082	\$2,595,309	\$8,230,837	\$24,717,227
March	\$14,503,821	\$2,709,789	\$8,593,901	\$25,807,511
April	\$15,983,035	\$2,986,154	\$9,470,375	\$28,439,563
May	\$14,901,908	\$2,784,164	\$8,829,778	\$26,515,850
June	\$14,947,260	\$2,792,638	\$8,856,651	\$26,596,549
TOTAL	\$74,227,106	\$13,868,054	\$43,981,541	\$132,076,700

Fiscal Year 2012 started on July 1, 2011. Since then, \$5.4 million in additional RARF revenues have been deposited into the arterial account. To date, more than \$200.5 million Regional Area Road Funds have been collected for the arterial improvements in the region. As of September 2011, the RARF account balance was \$38.3 million.

During the first seven months of FY2011, \$176.5 million in total RARF revenues have been collected. The amount collected is slightly lower than forecasted for that period. However, for three consecutive months actual revenues exceeded the forecast. Estimated and actual RARF revenue collections from July 2010 to January 2011 are summarized in Table 2.



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 from the Arizona Department of Transportation (ADOT) RARF Revenue Forecasts published annually. The remaining regional budget for the implementation studies fluctuates concurrently with the forecasts. Since 2006, \$6.96 million in RARF revenues had been deposited into the RARF Studies account.

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/Projects/Project.asp?CMSID2=1065&MID=Transportation>

TABLE 2. TOTAL RARF COLLECTIONS
Estimate v. Actual FY2011 (July 2010-June 2011)

	Estimated Total RARF	Actual Total RARF*	Percentage Difference
July	\$25,970,000	\$24,585,680	-5.3%
August	\$24,112,000	\$23,585,014	-2.2%
September	\$24,790,000	\$23,874,398	-3.7%
October	\$25,046,000	\$24,774,172	-1.1%
November	\$24,340,000	\$24,389,939	0.2%
December	\$24,362,000	\$24,941,276	2.4%
January	\$29,231,000	\$30,146,873	3.1%
February	\$23,470,000	\$24,717,227	5.3%
March	\$24,009,000	\$25,807,511	7.5%
April	\$26,199,000	\$28,439,563	8.6%
May	\$24,380,000	\$26,515,850	8.8%
June	\$25,091,000	\$26,596,549	6.0%
TOTAL	\$301,000,000	\$308,374,052	2.4%

**Amount excludes debt service from Prop 300*

RARF REVENUE FORECASTS

Annually, the Arizona Department of Transportation (ADOT) releases revised Regional Area Road Fund (RARF) projections. The projections of the Proposition 400 one-half cent sales tax are based on an econometric model of the MAG Region and the input of an expert panel of economists that provide perspectives on the input variables for the model. The econometric model uses regression analysis to project RARF revenues. Independent variables used in the model include:

- Maricopa County real income growth per capita;
- Maricopa County population growth;
- Maricopa County construction employment growth;
- Prime Interest Rate; and,
- Phoenix Consumer Price Index (CPI).

In September 2005, the model was updated to include three new variables:

- U. S. housing start growth;
- Sky Harbor passenger traffic growth; and,
- Maricopa County total non-farm employment growth.

The projections from the model rely heavily on the judgments of an expert panel of economists to provide information critical to the forecasting process. In August 2010, an expert panel of 15 economists representing public, private, and academic sectors submitted their individual estimates of the model's independent variables and comments on the future economic outlook. Based on the panelists' input, the model produced a series of forecasts with associated probabilities of occurrence. The official forecast

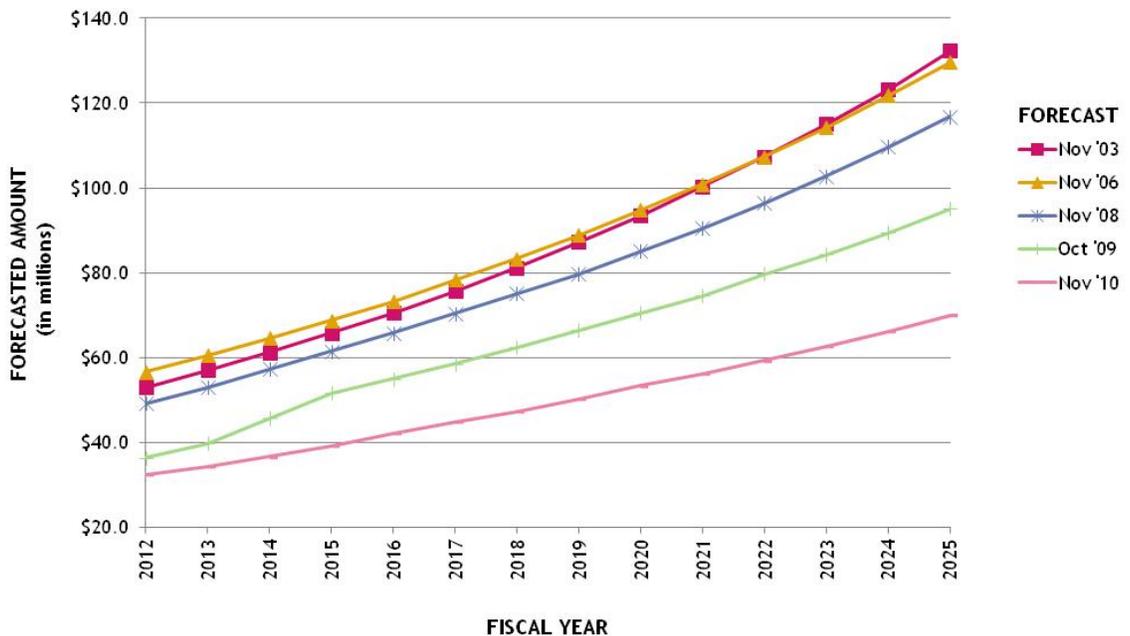
April 2011 – September 2011



incorporates the 50 percent confidence interval for each year of the forecast. The FY 2011 forecast of \$301 million was developed by ADOT Staff independently of the econometric model using time series techniques, and historical and projected growth rates from the model.

This year’s panel inputs produced a mean forecast of \$7,932.3 million for the period FY 2011-2026 with a compound growth rate (CGR) of 6.4 percent. The ADOT Official Forecast for FY 2011-2026 totals \$7,337.8 million with a compound growth rate of 5.8 percent. The forecast result is \$2,208.8 million lower than last year’s forecast due mainly to the lower revenue base of \$299.0 million in FY 2010 and slower economic activity in FY 2011-2015. For the remaining years, FY 2016-2026, the estimated revenue growth rates are projected to be comparable with last year’s forecast. Table 3 depicts historical trends in the RARF revenue forecasts between November 2003 and November 2010.

TABLE 3. RARF FORECAST TRENDS



ALCP PROGRAM DEFICIT & THE FISCAL YEAR 2012 ALCP

The November 2010 forecast indicated a significant decrease in projected revenues from the Proposition 400 half-cent sales tax extension over the life of the program. The decrease in forecasted revenues required adjustments to the ALCP in order to maintain the fiscal balance of the program.

In February 2011, MAG staff requested guidance from the Transportation Policy Committee (TPC) on rebalancing the Arterial Life Cycle Program, which faced an estimated \$245 million (2010\$) deficit of regional funds due to declining sales tax revenues. At the meeting, the TPC recommended a proportional reduction of remaining reimbursements in the ALCP based on each agency’s original allocation of regional funds. The TPC emphasized that no new projects be added to the program until funding was restored to existing projects in the same manner as funds were removed.



After the TPC made the recommendation, MAG staff and the agencies involved with the ALCP moved forward with the annual update to program the Draft Fiscal Year (FY) 2012 ALCP. In March 2011, MAG staff notified each Lead Agency of the required reductions in regional funds needed to maintain the fiscal balance of the ALCP. To meet the required reduction, agencies were given the opportunity to delete, consolidate, and/or reprioritize programmed reimbursements.

Throughout the Spring and early Summer, MAG coordinated extensively with each Lead Agency on the reprogramming of ALCP projects to meet the required reductions to balance the program. In June 2011, MAG staff notified each Lead Agency that \$50 million in regional funds (2011\$) could be restored to the funded years of the Draft FY 2012 ALCP and still maintain the fiscal balance of the program. Table 4 details the initial required reductions, the amounts restore, and the total required reductions necessary to balance the ALCP.

During the annual update process, Lead Agencies may propose significant project change requests. Section 220 of the Policies

requires Lead Agencies to present proposed substitute projects or changes in project scope to MAG Street Committee for a technical review and recommendation for approval. Proposed changes are incorporated into the Draft ALCP and presented through the MAG Committee Process for a final approval. Presentations to the Street Committee on proposed project changes must address:

1. the reason for and feasibility of the requested change;
2. how the change would improve safety/mobility and reduce congestion;
3. the benefit to the MAG Region; and,
4. the new/revised project cost estimate.

On June 14, 2011, Lead Agency staff presented proposed project changes, which were subsequently recommended for inclusion in the Draft FY 2012 ALCP. Project change requests presented included:

- Reduction in project scope for Queen Creek Road project (Gilbert);
- Deletion of the CAP Canal South Frontage Road project and the substitution of the Loop 101 South Frontage Roads project (Scottsdale);
- Deletion of the Hayden Road project and the substitution of the Frank Lloyd Wright intersection improvements at 76th/78th/82nd Streets (Scottsdale); and,
- Change in project scope for the El Mirage Corridor between Northern Avenue and Bell Road (Maricopa County).

TABLE 4. REQUIRED REDUCTIONS

Lead Agency	Initial Required Reduction	Proportion Restored	Total Required Reduction
Carefree	\$784,161	\$158,960	\$625,201
Chandler	\$20,105,239	\$4,080,962	\$16,024,277
Fountain Hills	\$868,188	\$176,337	\$691,851
Gilbert	\$20,687,444	\$4,197,990	\$16,489,454
Maricopa County	\$58,122,963	\$11,789,605	\$46,333,359
Mesa	\$66,283,488	\$13,438,856	\$52,844,632
Peoria	\$13,952,827	\$2,838,577	\$11,114,250
Phoenix	\$16,675,603	\$3,383,968	\$13,291,635
Scottsdale	\$48,970,871	\$9,934,746	\$39,036,125
TOTALS	\$246,450,784	\$50,000,001	\$196,450,784



On September 21, 2011, the MAG Regional Council adopted the Fiscal Year 2012 Arterial Life Cycle Program. MAG Staff published copies of the FY12 ALCP for use by Lead Agency Staff. An electronic copy of the FY12 ALCP may be downloaded from the MAG website at <http://www.azmag.gov/Projects/Project.asp?CMSID2=1065&MID=Transportation>

FISCAL YEAR 2011 ARTERIAL LIFE CYCLE PROGRAM

Due to an extensive reprogramming effort, MAG Staff and Member Agencies operated under the FY2011 ALCP until the FY2012 was approved in late September. The conclusion of FY 2011 ended the fifth full fiscal year of the implementation of the ALCP.

Over \$72.6 million in RARF funds were programmed for reimbursement in FY2011. Of that, \$41.3 million was deferred from FY2011 to a later year in the program. More than \$31 million was reimbursed to seven Lead Agencies. Those reimbursements went toward completed projects (\$15.8 million) and projects underway (\$15.5 million). Six projects were completed during FY2011. Those projects include:

- Chandler Blvd/Dobson Rd (Chandler)
- Dobson Rd/Guadalupe Rd (Mesa)
- El Mirage Rd: Bell Rd to Deer Valley Drive (Maricopa County)
- Greenfield Rd: Baseline Rd to Southern Ave (Mesa)
- Hawes Rd: Santan Fwy to Ray Rd (Mesa)
- Ray Rd: Sossaman Rd to Ellsworth Rd (Mesa)

ALCP PROJECT HIGHLIGHT:

Sonoran Boulevard

In 2008, the City of Phoenix initiated the Sonoran Boulevard project from 15th Avenue to Cave Creek Road. The project will improve and construct a 6.85 mile interim roadway in Northern Phoenix. In addition to adding road lanes, the project includes the construction of bridges over washes in the area. Bridges will be constructed at Apache Wash and Mesquite Tank Wash.

Construction on the project is currently underway. The project is slated for completion in 2013.

For additional information about the Sonoran Boulevard project, please contact the Streets Department at the City of Phoenix.



ALCP PROJECT STATUS

Detailed information about projects underway are provided in Tables 5 and 6. Table 5 lists projects programmed for work and/or reimbursement in FY2012, the amount programmed for reimbursement in FY2012, and ALCP project requirements submitted to-date. Table 6 details project reimbursements and expenditures for projects programmed for work and/or reimbursement in FY2012.

This is the 14th 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/Projects/Project.asp?CMSID2=1065&MID=Transportation>.



Transportation
Division



TABLE 5. FY 2012 ARTERIAL LIFE CYCLE PROGRAM
SCHEDULE FOR PROJECTS PROGRAMMED FOR WORK AND/OR REIMBURSEMENT IN FY12

RTP Project	Programmed in the FY12 ALCP	Programmed Reimb. in FY12 (millions)	Reimb. in FY 2012 (millions)	ALCP Project Requirements		
				Overview (PO)	Agreement (PA)	Needed in FY12
CHANDLER						
Chandler Blvd/Alma School: Intersection Improvements	Work and Reimbursement	\$ 2.872	\$ -	Completed 3/2008	Completed 7/2008	PRR
Gilbert Rd: SR-202L/Germann Rd to Queen Creek Rd	Reimbursement Only	\$ 0.674	\$ -	Completed 7/2006	Completed 9/2006	PRR
Gilbert Rd: Queen Creek Rd to Hunt Hwy	Work and Reimbursement	\$ 1.826	\$ -	---	---	PO, PA, PRR
Gilbert Rd: Queen Creek Rd to Ocotillo Rd	Work Only	\$ -	\$ -	---	---	PO, PA, PRR*
Ocotillo Rd: Arizona Ave to McQueen Rd	Work Only	\$ -	\$ -	---	---	PO, PA, PRR*
Price Rd: Santan Fwy to Germann Rd	Reimbursement Only	\$ 3.053	\$ -	Completed 7/2010	Completed 8/2011	PRR
Ray Rd at Alma School Rd: Intersection Improvements	Work Only	\$ -	\$ -	Completed 3/2006	Completed 7/2006	PRR*
CHANDLER/GILBERT						
Queen Creek Rd: Val Vista Dr to Higley Rd	Work and Reimbursement	\$ 1.294	\$ -	---	---	PO, PA, PRR
EL MIRAGE						
El Mirage Rd: Cactus to Grand & Thunderbird Rd: El Mirage to Grand	Work Only		\$ -	---	---	None
FOUNTAIN HILLS						
Shea Blvd: Technology Dr to Cereus Wash	Work and Reimbursement	\$ 0.148	\$ -	Completed 8/2008	Completed 10/2008	PRR
GILBERT						
Guadalupe Rd/Cooper Rd: Intersection Improvements	Work and Reimbursement	\$ 1.443	\$ -	Completed 5/2010	Completed 10/2010	PRR
Ray Rd: Val Vista Dr to Power Rd	Work Only	\$ -	\$ -	---	---	PO, PA, PRR*
GILBERT/MARICOPA COUNTY/MESA						
Power Rd: Santan Fwy to Pecos Rd	Work and Reimbursement	\$ 3.041	\$ -	---	---	PO, PA, PRR
MARICOPA COUNTY						
El Mirage Rd: Bell Rd to Picerne Dr	Work Only	\$ -	\$ -	---	---	PO, PA, PRR*
El Mirage Rd: Northern to Cactus	Work Only	\$ -	\$ -	---	---	None
Gilbert Rd: Bridge over Salt River	Work Only	\$ -	\$ -	---	---	PO, PA, PRR*
Northern Pkwy: Sarival to Dysart	Work and Reimbursement	Funds Obligated in	\$ -	Completed 4/2010	Completed 3/2011	PRR
Northern Pkwy: ROW Protection	Work and Reimbursement	Funds Obligated in	\$ -	Completed 4/2010	Completed 3/2011	PRR
Northern Parkway: Dysart to 111th	Work Only	\$ -	\$ -	---	---	PO, PA, PRR*
Northern Parkway: Sarival Overpass	Work Only	\$ -	\$ -	---	---	PO, PA, PRR*
Northern Parkway: Reems Overpass	Work Only	\$ -	\$ -	---	---	None

* 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 FY12

MARICOPA COUNTY (Cont'd)						
Northern Parkway: Litchfield Overpass	Work Only	\$ -	\$ -	---	---	None
Northern Parkway: Agua Fria Bridge	Work Only	\$ -	\$ -	---	---	None
MESA						
Dobson/University: Intersection Improvements	Work Only	\$ -	\$ -	---	---	PO, PA, PRR*
Mesa Dr: US60 to Southern Ave	Work and Reimbursement	\$ 7.591	\$ -	Completed 3/2007	Completed 1/2008	PRR
Southern at Country Club Dr: Intersection Improvements	Work Only	\$ -	\$ -	Completed 3/2010	---	PA, PRR*
Southern Ave/Stapley Dr Intersection Improvements	Work and Reimbursement	\$ 1.368	\$ -	Completed 3/2007	Completed 6/2007	PRR
PEORIA						
83rd Avenue: Butler Rd to Mountain View	Work and Reimbursement	\$ 0.584	\$ -	Completed 8/2010	Completed 9/2010	PRR
75th Ave at Thunderbird Rd: Intersection Improvement	Work and Reimbursement	\$ 1.431	\$ -	Completed 8/2010	Completed 9/2010	PRR
Happy Valley Rd: Lake Pleasant Pkwy to 67th Ave	Work and Reimbursement	\$ 9.016	\$ 9.016	Completed 7/2009	Completed 8/2010	PRR
Lake Pleasant Pkwy: Dynamite Blvd to CAP	Work and Reimbursement	\$ 2.645	\$ -	Completed 5/2006	In Process	PA, PRR
PHOENIX						
Avenida Rio Salado: 51st Avenue to 7th Street	Work and Reimbursement	\$ 14.453	\$ -	---	---	PO, PA, PRR
Black Mountain Blvd: SR-51 and Loop 101/Pima Fwy to Deer Valley Rd	Work and Reimbursement	\$ 3.804	\$ -	Completed 10/2007	In Process	PA, PRR
Sonoran Blvd: 15th Avenue to Cave Creek	Work and Reimbursement	\$ 18.208	\$ -	Completed 11/2010	In Process	PA, PRR
SCOTTSDALE/CAREFREE						
Pima Rd: Thompson Peak Parkway to Pinnacle Peak Parkway	Work and Reimbursement	\$ 8.477	\$ -	Completed 6/2008	Completed 7/2008	PRR
SCOTTSDALE						
Pima Rd: Via Linda to Via De Ventura	Work Only	\$ -	\$ -	Completed 4/2010	---	None
Pima Rd: Via De Ventura to Krail	Work and Reimbursement	\$ 4.057	\$ -	Completed 4/2010	---	PA, PRR
Pima Rd: Thomas Rd to McDowell Rd	Work Only	\$ -	\$ -	Completed 4/2010	---	PA, PRR
Northsight Blvd: Hayden to Frank Lloyd Wright Blvd	Work and Reimbursement	\$ 2.465	\$ -	---	---	PO, PA, PRR
Frank Lloyd Wright at 76th/78th/82nd Street: Intersection Improvements	Work and Reimbursement	\$ 0.070	\$ -	---	---	PO, PA, PRR
Scottsdale Rd: Thompson Peak Pkwy to Pinnacle Peak Parkway	Work and Reimbursement	\$ 3.944	\$ -	Completed 5/2010	Completed 7/2010	PA, PRR
Shea Blvd at 120/124th St: Intersection Improvements	Work and Reimbursement	\$ 1.400	\$ -	---	---	PO, PA, PRR
Shea Blvd: SR-101L to 96th St: ITS Improvements	Work and Reimbursement	\$ 0.433	\$ -	---	---	PO, PA, PRR
Shea Blvd at Frank Lloyd Wright Blvd: Intersection Improvements	Work Only	\$ -	\$ -	---	---	PO, PA, PRR*
Shea Blvd at 125th St: Intersection Improvements	Work Only	\$ -	\$ -	---	---	PO, PA, PRR*
Shea Blvd 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 6A. ARTERIAL LIFE CYCLE PROGRAM
STATUS OF RARF-FUNDED PROJECTS UNDERWAY IN FISCAL YEAR 2012
Consistent with the Fiscal Year 2012 ALCP adopted on September 21, 2011

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 FY11 (YOE\$)	FY 2012 Est. Reimb. (2011\$)	Est. Reimb FY13-FY26 (2011\$)	Total Reimb FY06-FY26 (2011\$, YOE\$)	Unfunded Due to Deficit (2011\$)	Expend through FY11 (YOE\$)	Estimated Future Expend FY12-FY26 (2011\$)	Total Expend FY06-FY26 (2011\$, YOE\$)			
	FY 2012											
CHANDLER												
Chandler Blvd/Alma School: Intersection Improvements	W/R	0.475	2.872	0.000	3.347	0.942	0.679	10.523	11.202	2012	0.25	
Gilbert Rd: SR-202L/Germann Rd to Queen Creek Rd	R	6.078	0.674	0.000	6.752	0.000	10.316	0.000	10.316	2010	1.30	Project Completed
Gilbert Rd: Queen Creek Rd to Hunt Hwy	W/R	0.000	1.826	1.418	3.244	0.000	1.763	2.808	4.571	2012	4.00	Design & ROW Project Only
Gilbert Rd: Queen Creek Rd to Ocotillo Rd	W	0.000	0.000	7.537	7.537	0.000	0.000	10.767	10.767	2012	1.00	Construction Project Only
Ocotillo Rd: Arizona Ave to McQueen Rd	W	0.000	0.000	5.295	5.295	1.408	1.712	12.317	14.028	2017	1.00	
Price Rd: Santan Fwy to Germann Rd	R	0.000	3.053	0.000	3.053	0.000	4.440	0.000	4.440	2008	1.25	Project Completed
Ray Rd at Alma School Rd: Intersection Improvements	W	2.217	0.000	0.000	2.217	0.000	7.878	4.122	12.001	2012	0.25	
CHANDLER/GILBERT												
Queen Creek Rd: Val Vista Dr to Higley Rd	W/R	0.000	1.294	12.030	13.324	0.000	11.211	7.823	19.034	2012	2.00	Project scope reduced by 1 mile due to developer contributions.
EL MIRAGE												
El Mirage Rd: Cactus to Grand & Thunderbird Rd: El Mirage to Grand	W	0.000	0.000	1.788	1.788	0.000	0.000	2.554	2.554	2012	NA	Design Project Only
FOUNTAIN HILLS												
Shea Blvd: Technology Dr to Cereus Wash	W/R	0.153	0.148	2.285	2.586	0.000	0.218	4.239	4.457	2012	0.80	
GILBERT												
Guadalupe Rd/Cooper Rd: Intersection Improvements	W/R	0.385	1.443	3.230	5.058	0.000	2.678	4.614	7.292	2012	0.50	
Ray Rd: Val Vista Dr to Power Rd	W	0.000	0.000	16.638	16.638	0.000	18.199	5.713	23.912	2012	4.00	

Reimb. Reimbursement(s)
FY Fiscal Year

YOE Year of Expenditure
Expend Expended/Expenditures

\$ Dollars
Est Estimated

* Measured in centerline miles

STATUS OF RARF-FUNDED PROJECTS UNDERWAY IN FISCAL YEAR 2012
Consistent with the Fiscal Year 2012 ALCP adopted on September 21, 2011

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 FY11 (YOE\$)	FY 2012 Est. Reimb. (2011\$)	Est. Reimb FY13-FY26 (2011\$)	Total Reimb FY06-FY26 (2011\$, YOE\$)	Unfunded Due to Deficit (2011\$)	Expend through FY11 (YOE\$)	Estimated Future Expend FY12-FY26 (2011\$)	Total Expend FY06-FY26 (2011\$, YOE\$)			
	FY 2012											
GILBERT/MARICOPA COUNTY/MESA												
Pow er Rd: Santan Fw y to Pecos Rd	W/R	0.000	3.041	12.407	15.448	0.000	10.026	18.700	28.726	2012	1.50	
MARICOPA COUNTY												
El Mirage Rd: Bell Rd to Picerne Dr	W	0.000	0.000	0.000	0.000	0.000	0.964	5.072	6.036	2014	0.50	
El Mirage Rd: Northern to Cactus	W	0.000	0.000	1.140	1.140	0.000	0.000	1.629	1.629	2012	NA	Design Project Only
MESA												
Dobson/University: Intersection Improvements	W	0.000	0.000	0.000	0.000	4.921	2.492	4.537	7.030	2012	0.50	
Mesa Dr: US60 to Southern Ave	W/R	1.086	7.591	6.403	15.080	0.000	1.552	19.991	21.543	2013	1.00	
Southern at Country Club Dr: Intersection Improvements	W	0.000	0.000	5.901	5.901	0.000	0.244	8.185	8.429	2013	0.50	
Southern Ave/Stapley Dr Intersection Improvements	W/R	0.219	1.490	10.413	12.122	0.000	2.455	14.888	17.343	2013	0.50	
PEORIA												
83rd Avenue: Butler Rd to Mountain View	W/R	0.000	0.584	3.570	4.154	0.000	0.456	6.355	6.811	2013	1.00	
75th Ave at Thunderbird Rd: Intersection Improvement	W/R	0.462	1.431	0.000	1.893	0.000	0.681	5.549	6.230	2013	0.20	
Happy Valley Rd: Lake Pleasant Pkwy to 67th Ave	W/R	11.618	9.016	0.000	20.634	0.000	50.277	0.000	50.277	2010	5.00	Project Completed
Lake Pleasant Pkwy: Dynamite Blvd to CAP	W/R	0.000	2.645	13.867	16.512	11.114	2.780	3.729	6.509	2014	2.50	
Lake Pleasant Pkwy: CAP to SR74/Carefree Hwy	W	0.000	0.000	0.000	0.000	0.000	0.000	3.544	3.544	2024	1.80	Advance ROW acquisition to occur in FY 2012
PHOENIX												
Sonoran Blvd: 15th Avenue to Cave Creek	W/R	0.000	18.208	14.364	32.572	0.000	30.993	30.838	61.831	2013	7.00	

Reimb. Reimbursement(s)
FY Fiscal Year

YOE Year of Expenditure
Expend Expend/Expenditures

\$ Dollars
Est Estimated

* Measured in centerline miles

STATUS OF RARF-FUNDED PROJECTS UNDERWAY IN FISCAL YEAR 2012
Consistent with the Fiscal Year 2012 ALCP adopted on September 21, 2011

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 FY11 (YOE\$)	FY 2012 Est. Reimb. (2011\$)	Est. Reimb FY13-FY26 (2011\$)	Total Reimb FY06-FY26 (2011\$, YOE\$)	Unfunded Due to Deficit (2011\$)	Expend through FY11 (YOE\$)	Estimated Future Expend FY12-FY26 (2011\$)	Total Expend FY06-FY26 (2011\$, YOE\$)			
	FY 2012											
SCOTTSDALE/CAREFREE												
Pima Rd: Thompson Peak Parkway to Pinnacle Peak Parkway	W/R	10.911	8.477	4.560	23.948	0.000	25.511	8.701	34.212	2012	1.50	
SCOTTSDALE												
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	2013	1.30	
Pima Rd: Via De Ventura to Krail	W/R	0.000	4.057	3.454	7.511	0.000	10.732	0.000	10.732	2012	1.30	
Pima Rd: Thomas Rd to McDowell Rd	W	0.000	0.000	6.080	6.080	0.000	0.350	8.342	8.692	2013	1.00	
Northsight Blvd: Hayden to Frank Lloyd Wright Blvd	W/R	0.000	2.465	6.689	9.154	0.000	1.006	12.071	13.077	2013	0.35	
Frank Lloyd Wright at 76th/78th/82nd Street: Intersection Improvements	W/R	0.000	0.070	0.775	0.845	0.000	0.000	12.071	12.071	2014	0.50	
Scottsdale Rd: Thompson Peak Parkway to Pinnacle Peak Parkway	W/R	0.694	1.229	9.672	11.595	0.000	2.059	29.213	31.273	2013	2.00	
Shea Blvd at 120/124th St: Intersection Improvements	W/R	0.000	1.400	0.000	1.400	0.000	1.089	0.910	2.000	2012	0.40	
Shea Blvd: SR-101L to 96th St: ITS Improvements	W/R	0.000	0.433	0.000	0.433	0.000	0.619	0.000	0.619	2010	1.00	
Shea Blvd at Frank Lloyd Wright Blvd: Intersection Improvements	W	0.000	0.000	0.664	0.664	0.000	0.685	0.263	0.948	2012	0.25	
Shea Blvd at 125th St: Intersection Improvements	W	0.000	0.000	0.880	0.880	0.000	0.126	1.132	1.257	2012	0.25	
Shea Blvd at 136th St: Intersection Improvements	W	0.000	0.000	0.376	0.376	0.000	0.000	0.537	0.537	2012	0.25	

Reimb. Reimbursement(s)

YOE Year of Expenditure

\$ Dollars

* Measured in centerline miles

FY Fiscal Year

Expend Expended/Expenditures

Est Estimated

TABLE 6B. ARTERIAL LIFE CYCLE PROGRAM
STATUS OF FEDERALLY FUNDED PROJECTS UNDERWAY IN FISCAL YEAR 2012
Consistent with the Fiscal Year 2012 ALCP adopted on September 21, 2011

FACILITY/LOCATION	SCHEDULE FOR WORK (W) AND/OR REIMB. (R)	OBLIGATIONS					TOTAL EXPENDITURES			FINAL FY for CONST	LENGTH* (Miles)	OTHER PROJECT INFORMATION
		Obligated through FFY11	Est. Obligations FFY12	Est. Obligations FFY13-FFY26	Total Federal Funding FFY2006-FFY2026	Unfunded Due to Deficit (2011\$)	Expend through FY11 (YOE\$)	Estimated Future Expend FY12-FY26 (2011\$)	Total Expend FY06-FY26 (2011\$,YOE\$)			
	FY 2012											
MARICOPA COUNTY												
Northern Pkw y: Sarival to Dysart	W/R	57.618	0.000	0.000	57.618	0.000	21.085	61.226	82.311	2013	4.10	
Northern Pkw y: ROW Protection	W/R	2.601	0.000	0.000	2.601	0.000	3.716	0.000	3.716	2011	12.50	
Northern Parkw ay: Dysart to 111th	W	0.000	0.000	16.568	16.568	0.000	0.000	23.669	23.669	2014	2.50	
Northern Parkw ay: Sarival Overpass	W	0.000	0.000	3.180	3.180	0.000	0.000	4.543	4.543	2013	0.10	Construction Project Only
Northern Parkw ay: Reems Overpass	W	0.000	0.000	7.315	7.315	0.000	0.000	3.135	3.135	2014	0.10	
Northern Parkw ay: Litchfield Overpass	W	0.000	0.000	8.199	8.199	0.000	0.000	11.713	11.713	2015	0.10	
Northern Parkw ay: Agua Fria Bridge	W	0.000	0.000	5.804	5.804	0.000	0.000	8.291	8.291	2015	0.10	
PHOENIX												
Avendia Rio Salado: 51st Avenue to 7th Street	W/R	0.000	14.453	30.240	44.693	0.000	18.298	53.524	71.822	2015	6.00	
Black Mountain Blvd: SR-51 and Loop 101/Pima Fw y to Deer Valley Rd	W/R	1.300	3.804	17.427	22.531	0.000	3.737	28.489	32.226	2014	2.00	

Reimb. Reimbursement(s)

YOE Year of Expenditure

\$ Dollars

* Measured in centerline miles

FY Fiscal Year

Expend Expended/Expenditures

Est Estimated

MARICOPA ASSOCIATION OF GOVERNMENTS

INFORMATION SUMMARY... for your review

DATE:

November 1, 2011

SUBJECT:

FY 2012-2014 MAG Highway Safety Improvement Program Projects

SUMMARY:

The Highway Safety Improvement Program (HSIP) is a new core program that was introduced through SAFETEA-LU, and specifically focused on improving road safety. The Federal Highway Administration (FHWA) division offices located in each state manage program implementation, review states' annual highway improvement program reports, and provide oversight of program funding. The Arizona Department of Transportation (ADOT) Local Government Section administers the local agency projects funded through the HSIP program.

Each fiscal year MAG receives \$1 million in HSIP funds for programming projects that would meet the approval of FHWA and ADOT. At the recommendation of ADOT three fiscal years from 2012 through 2014 are being programmed, as it would be helpful for expediting project implementation. Guidelines on the types of projects that would qualify for HSIP funds have been provided by ADOT.

On August 31, 2011, MAG issued a call for road safety improvement projects that would meet ADOT guidelines. The Transportation Safety Committee reviewed all project applications at the committee meeting held on October 4, 2011, and unanimously recommended the list of 38 projects and the funding amounts, as shown in the attached table. These projects will be included in the FY 2011-2015 Transportation Improvement Program (TIP) as an amendment.

PUBLIC INPUT:

None has been received.

PROS & CONS:

PROS: Implementation of the recommended projects will help improve road safety at the specific intersections. The projects are targeted both at improving pedestrian safety and also motorist safety.

CONS: None.

TECHNICAL & POLICY IMPLICATIONS:

TECHNICAL: None.

POLICY: The state's HSIP program is required to follow the national HSIP guidelines that stipulate that road safety resources need to be allocated to locations with road safety issues. This is very likely to result in additional HSIP funds being made available for deserving road safety improvement projects on arterial streets in the MAG region. Local agencies need to plan ahead to participate in this process.

ACTION NEEDED:

Recommend approval of the listing of selected projects for FY 2012-2014 Highway Safety Improvement Program funds.

PRIOR COMMITTEE ACTIONS:

The MAG Transportation Review Committee unanimously approved recommendation of the list of proposed HSIP projects on October 27, 2011.

MEMBERS ATTENDING

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

EX-OFFICIO MEMBERS ATTENDING

- Street Committee: Dan Cook, City of Chandler
- * ITS Committee: Debbie Albert, City of Glendale
- * Bicycle/Pedestrian Committee: Katherine Coles, City of Phoenix
- * Transportation Safety Committee: Julian Dresang, City of Tempe

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

The MAG Transportation Safety Committee conducted a detailed review of all project applications and unanimously approved recommendation of the list of proposed projects on October 4, 2011.

MEMBERS ATTENDING

- Tempe: Julian Dresang, Chair
- Avondale: Margaret Boone-Pixley, Vice-Chair
- AAA Arizona: Mark Gitsch for Linda Gorman
- AARP: Tom Burch
- ADOT: Kohinoor Kar
- Apache Junction: Shane Kiesow
- # Buckeye: Thomas Chlebanowski
- Chandler: Hong Huo for Martin Johnson
- El Mirage: Jorge Gastelum
- FHWA: Kelly LaRosa
- Gilbert: Kurt Sharp
- Glendale: Chris Lemka
- Goodyear: Hugh Bigalk
- Maricopa County: Tonya Glass for Chris Plumb
- Mesa: Renate Ehm
- * Paradise Valley: William Mead
- Peoria: Mannar Tamirisa for Jamal Rahimi
- Phoenix: Kerry Wilcoxon
- Scottsdale: Paul Porell
- # Surprise: Tracy Eberlein
- RPTA: Gardner Tabon

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

CONTACT PERSON:

Sarath Joshua, MAG, (602) 254-6300.

List of MAG HSIP Projects in FY 2012-2014

	Project Name	Agency	Location	FY2012	FY2013	FY2014
1	Traffic Signal Emergency Pre-Emption Equipment	Avondale	Various Locations	\$50,900		
2	Pedestrian Countdown Signal Heads	Avondale	Various Locations	\$17,488		
3	Sign Inventory Management System and Sign Upgrades	Cave Creek	Various Locations	\$60,000	\$35,100	\$44,330
4	Street Name Sign Upgrade to Clearview font	Chandler	Various Locations	\$71,240		
5	Illuminated Street Name Sign Upgrade to Clearview font	Chandler	Various Locations			\$76,808
6	Upgrade Bike Lane Pavement Symbols	Chandler	Various Locations		\$94,555	\$94,555
7	Street Name Sign Upgrade to Clearview font	El Mirage	Various Locations	\$146,488		
8	Street Name Sign Upgrade to Clearview font	El Mirage	Various Locations		\$157,486	
9	Street Name Sign Upgrade to Clearview font	El Mirage	Various Locations			\$133,798
10	8" to 12" LED Signal Head Upgrade	Gilbert	Various Locations	\$62,558		
11	Pedestrian Countdown Signal Heads	Gilbert	Various Locations		\$40,528	
12	Pedestrian Countdown Signal Heads	Gilbert	Various Locations			\$36,680
13	Pedestrian Countdown Signal Heads	Glendale	Various Locations		\$69,040	
14	Sign Inventory Management System and Sign Upgrades	Glendale	Various Locations		\$123,110	\$180,000
15	Sign Inventory Management System and Sign Upgrades	Litchfield Park	Various Locations	\$105,000	\$55,000	\$45,000
16	Pedestrian Countdown Signal Heads	Mesa	Various Locations	\$26,483	\$26,483	\$26,483
17	Additional Signal Heads	Mesa	Various Locations	\$117,887	\$117,887	\$117,887
18	Pedestrian Countdown Signal Heads	Peoria	Various Locations	\$76,816		
19	Sign Inventory and Management System	Queen Creek	Citywide	\$140,000		
20	Pedestrian Countdown Signal Heads	Queen Creek	Various Locations		\$36,352	
21	Install Changeable Speed Warning Signs	Scottsdale	Various Locations	\$33,667	\$33,667	\$33,667
22	Pedestrian Countdown Signal Heads	Scottsdale	Various Locations		\$103,876	\$103,876
23	Pedestrian Countdown Signal Heads and Audible Push Buttons	Tempe	Various Locations	\$106,917	\$106,917	\$106,917
	TOTAL			\$1,015,443	\$1,000,000	\$1,000,000

MARICOPA ASSOCIATION OF GOVERNMENTS

INFORMATION SUMMARY... for your review

DATE:

November 1, 2011

SUBJECT:

Amendment to the HDR, Inc. Contract for the Southeast Major Investment Study to Complete Study of Additional Improvement Scenarios

SUMMARY:

The fiscal year (FY) 2010 MAG Unified Planning Work Program and Annual Budget, approved by the MAG Regional Council in May 2009, was amended in March 2010 by the MAG Regional Council Executive Committee to include \$300,000 to conduct the Southeast Corridor Major Investment Study. On May 17, 2010, the MAG Regional Council Executive Committee selected HDR, Inc. to conduct the study for an amount not to exceed \$300,000.

The Arizona Department of Transportation (ADOT) is in the process of completing an Environmental Impact Statement (EIS) for the widening of Interstate 10, the Maricopa Freeway, between the SR-51/SR-202L/Red Mountain "Mini-Stack" and SR-202L/Santan-South Mountain "Pecos Stack" traffic interchanges. The subject of this EIS is an environmental clearance that would allow the reconstruction of the Interstate 10/SR-143/48th Street traffic interchange, connection improvements to the US-60/Superstition Freeway and the Interstate 17/Black Canyon Freeway traffic interchanges, construction of an additional high occupancy vehicle (HOV) lane between Interstate 17 and US-60, and implementation of a local-express lane system to provide additional capacity along Interstate 10 that could accommodate more than 400,000 vehicles per day. ADOT is in the process of wrapping up this EIS and proposes obtaining a Record of Decision (ROD), the final action in the EIS process, in early 2011.

Presently, the Regional Freeway and Highway Program of the MAG Regional Transportation Plan provides approximately \$450 million for an initial phase of the project between 32nd Street and SR-202L/Santan-South Mountain Freeways. The remaining section of the project, from 32nd Street to SR-51/SR-202L/Red Mountain Freeway, is estimated to cost \$500 million and is presently identified for implementation in the fifth phase of the Regional Transportation Plan.

During the course of the EIS, questions have been raised by MAG member agencies about the investment being made in this corridor and the need for alternative transportation options, in addition to widening Interstate 10 and improving the system traffic interchanges, to accommodate the growing travel demand between the East Valley and Central Phoenix. In response, MAG began developing the Southeast Corridor Major Investment Study for these purposes. The work program for this Study has the following tasks:

- Review of all transportation investments proposed for the Southeast Corridor, including those proposed along other parallel facilities, such as SR-101L/Price Freeway and SR-202L/Red Mountain Freeway;
- Study of the travel demand shed between the East Valley and Central Phoenix to identify the potential for alternative transportation mode strategies to accommodate demand in addition to freeway widening scenarios;

- Consultation with project stakeholders on the project's findings and recommendations; and
- Development of a preferred investment strategy for the Southeast Corridor.

Since receiving notice to proceed on the study in June 2010, the consultant has developed, studied, and analyzed three bundles of more than 25 different transportation alternatives to accommodate the travel demand forecasts in the Southeast Corridor area that reaches from Downtown Phoenix to Downtown Chandler. Information generated by this study thus far benefits not only this Major Investment Study, but also significantly has contributed valuable information to the Environmental Impact Statement (EIS) projects for Interstate 10/Maricopa Freeway and SR-202L/South Mountain Freeway.

Upon analysis of these transportation alternative bundles, additional combinations of improvements have been brought forward by the project's Planning Partners, including the Federal Highway Administration, the City of Tempe, and the City of Chandler, as additional items that merit testing and study in the Southeast Corridor. These additional combinations are beyond the scope of the original contract. HDR, Inc. has advised MAG that an additional amount of \$88,867 is needed to effectively study these additional items.

PUBLIC INPUT:

No public input has been received.

PROS & CONS:

PROS: As presently proposed, an investment of approximately \$1.5 billion is proposed for the Southeast Corridor to accommodate future travel demand, primarily in facilitating widening of Interstate 10. The outcome of this study will evaluate the suitability of this investment measured against the ability to incorporate alternative transportation strategies in the corridor. In light of current economic conditions, this study's results may provide the region with options to consider in making the appropriate investments for the Southeast Corridor. Study of the additional improvement combinations, as brought forward by MAG member agencies, will add value to the outcome of this study.

CONS: None.

TECHNICAL & POLICY IMPLICATIONS:

TECHNICAL: The outcome and subsequent actions taken by the Regional Council based upon the findings of this study could affect the timing of the Interstate 10 improvements in the Southeast Corridor. However, this process could result in a plan for the Southeast Corridor that provides the best value for accommodating increasing travel demand between the East Valley and Central Phoenix.

POLICY: The Southeast Corridor Major Investment Study will provide guidance to MAG, ADOT, and other affected jurisdictions and agencies with a comprehensive approach for accommodating the travel demand between the East Valley and Central Phoenix.

ACTION NEEDED:

Recommend increasing the HDR, Inc. contract by \$88,867 to conduct the additional work for the Southeast Corridor Major Investment Study.

PRIOR COMMITTEE ACTIONS:

No prior committee actions have been taken on this matter.

CONTACT PERSON:

Bob Hazlett, Senior Engineering Manager, 602 254-6300.

MARICOPA ASSOCIATION OF GOVERNMENTS

INFORMATION SUMMARY... for your review

Revised

DATE:

November 8, 2011

SUBJECT:

Recommendation of Prioritized List of Proposed PM-10 Certified Street Sweeper Projects for FY 2012 CMAQ Funding

SUMMARY:

The purchase of PM-10 Certified Street Sweepers supports committed control measures made in regional air quality plans to reduce particulate matter that becomes airborne from vehicle travel on paved roads. A revised amount of \$1,367,422 is available for distribution. The amount was revised due to \$46,226 now being available from the disposition of older street sweepers. With the funding now available, seven street sweepers may be funded in the region for Tempe, El Mirage, Scottsdale, Surprise (2), Phoenix, and Carefree. On October 27, 2011, the MAG Air Quality Technical Advisory Committee recommended a prioritized list of proposed PM-10 Certified Street Sweeper Projects for FY 2012 CMAQ funding and to retain the prioritized list for any additional FY 2012 CMAQ funds that may become available due to closeout, including any redistributed obligation authority, or additional funding received by this region.

Consistent with federal CMAQ guidance, MAG staff evaluated the sweeper projects for estimated emission reductions and cost-effectiveness based on federal funds requested. In addition, the Committee considered other data such as emission reductions, proximity to PM-10 monitors, frequency of sweeping, geographical area to be swept, expansion of areas to be swept, and number of certified street sweepers already purchased. The prioritized list of proposed PM-10 Certified Street Sweeper Projects for FY 2012 CMAQ funding and evaluation summary are attached.

According to the MAG Federal Fund Programming Principles, project applications are to be reviewed by the MAG Street Committee. On October 11, 2011, the Street Committee conducted a review of the PM-10 Certified Street Sweeper project applications.

PUBLIC INPUT:

An opportunity for public comment was provided at the MAG Air Quality Technical Advisory Committee meeting. No public comments were received.

PROS & CONS:

PROS: The purchase of PM-10 certified street sweeper projects supports the measure “PM-10 Efficient Street Sweepers” in the Revised MAG 1999 Serious Area Particulate Plan for PM-10. In addition, while the MAG 2007 Five Percent Plan for PM-10 has been withdrawn, the measures in the plan including the measure “Sweep Streets with PM-10 Certified Street Sweepers”, continue to be implemented to reduce PM-10.

CONS: None.

TECHNICAL & POLICY IMPLICATIONS:

TECHNICAL: The Serious Area PM-10 Plan contains the committed measure “PM-10 Efficient Street Sweepers”.

POLICY: Using CMAQ funding for the member agency purchase of PM-10 Certified Street Sweepers will assist in the reduction of PM-10 emissions in the Maricopa County PM-10 Nonattainment Area.

ACTION NEEDED:

Recommend approval of a prioritized list of proposed PM-10 Certified Street Sweeper Projects for FY 2012 CMAQ funding and to retain the prioritized list for any additional FY 2012 CMAQ funds that may become available due to closeout, including any redistributed obligation authority, or additional funding received by this region.

PRIOR COMMITTEE ACTIONS:

Air Quality Technical Advisory Committee: On October 27, 2011, the MAG Air Quality Technical Advisory Committee recommended a prioritized list of proposed PM-10 Certified Street Sweeper Projects for FY 2012 CMAQ funding and to retain the prioritized list for any additional FY 2012 CMAQ funds that may become available due to closeout, including any redistributed obligation authority, or additional funding received by this region.

MEMBERS ATTENDING

- Oddvar Tveit, Tempe, Chairman
- Elizabeth Biggins-Ramer, Buckeye, Vice Chair
- # Shirley Gunther for Kristen Sexton, Avondale
- # Jon Sherrill for Jim Weiss, Chandler
- # Jamie McCullough, El Mirage
- Kurt Sharp, Gilbert
- Doug Kukino, Glendale
- * Cato Esquivel, Goodyear
- # Greg Edwards for Scott Bouchie, Mesa
- * William Mattingly, Peoria
- Phil McNeely, Phoenix
- Tim Conner, Scottsdale
- # Antonio DeLaCruz, Surprise
- # Mark Hannah, Youngtown
- Ramona Simpson, Queen Creek
- * American Lung Association of Arizona
- Grant Smedley, Salt River Project
- Brian O’Donnell, Southwest Gas Corporation
- Mark Hajduk, Arizona Public Service Company
- * Gina Grey, Western States Petroleum Association
- Dawn M. Coomer, Valley Metro/RPTA
- * Dave Berry, Arizona Motor Transport Association
- Jeannette Fish, Maricopa County Farm Bureau
- Steve Trussell, Arizona Rock Products Association
- Amy Bratt, Greater Phoenix Chamber of Commerce
- # Amanda McGennis, Associated General Contractors
- *Spencer Kamps, Homebuilders Association of Central Arizona
- *Mannie Carpenter, Valley Forward
- *Erin Taylor, University of Arizona Cooperative Extension
- Beverly Chenausky, Arizona Department of Transportation
- Diane Arnst, Arizona Department of Environmental Quality
- *Environmental Protection Agency
- Jo Crumbaker, Maricopa County Air Quality Department
- *Duane Yantorno, Arizona Department of Weights and Measures
- Ed Stillings, Federal Highway Administration
- * Judi Nelson, Arizona State University
- * Christopher Horan, Salt River Pima-Maricopa Indian Community

*Members neither present nor represented by proxy.
#Participated via telephone conference call.
+Participated via video conference call.

Street Committee: On October 11, 2011, the MAG Street Committee reviewed and discussed PM-10 Certified Street Sweeper Project Applications for Carefree, Chandler, El Mirage, Phoenix, Scottsdale, Surprise, and Tempe. This item was on the agenda for information and discussion, there was no committee action.

MEMBERS ATTENDING

- Dan Cook, Chandler, Chairman
- Lupe Harriger, ADOT
- Charles Andrews, Avondale
- * Jose Heredia, Buckeye
- Lance Calvert, El Mirage
- * Tony Rodriguez,
 - Gila River Indian Community
- Jeff Herb for Michael Gillespie, Gilbert
- Allen Grover for Bob Darr, Glendale
- Hugh Bigalk, Goodyear
- Gino Turrubiates, Guadalupe
- Paul Ward for Darryl Crossman,
 - Litchfield Park
- * Chris Plumb, Maricopa County
 - Ken Hall, Mesa
 - Andrew Cooper, Jr., Paradise Valley
 - Ben Wilson, Peoria
 - Shane L. Silsby, Phoenix
 - Janet Martin, Queen Creek
- * Elaine Cabrera, Salt River Pima-Maricopa
 - Indian Community
 - Phil Kercher, Scottsdale
 - Nicholas Mascia, Surprise
 - Shelly Seyler, Tempe
- * Jason Earp, Tolleson
- * Jim Fox, Youngtown

*Members neither present nor represented by proxy.

CONTACT PERSON:

Dean Giles, (602) 254-6300

MAG Air Quality Technical Advisory Committee Recommendation

Prioritized List of Proposed PM-10 Certified Street Sweeper Projects for FY 2012 CMAQ Funding

A Revised Amount of \$1,367,422 in CMAQ Funding is Available for Sweeper Projects

										Supplemental Information			
Agency	Federal Cost	Local Cost	Total Cost *	Daily Emission Reduction (Kilograms/day)	Cost-Effectiveness (CMAQ dollar cost per annual metric ton reduced)	The requested certified street sweeper will:				Have local resources been committed for additional staff or equipment to support the sweeper project?		Please indicate in what geographical area(s) the requested certified street sweeper will operate	Number of certified street sweepers owned and operated by your agency. ++
						Replace non-certified sweeper	Expand	Increase Frequency	Replace older certified sweeper	Yes	No		
Tempe +	\$203,976	\$12,329	\$216,305	212	\$376				✓		✓	Ray Rd to Continental Dr., Evergreen to Priest Dr.	6
El Mirage +	\$200,162	\$12,099	\$212,261	126	\$622				✓		✓	Northern Ave north to Thompson Ranch Rd; Dysart Rd to the Agua Fria River	2
Scottsdale	\$177,656	\$10,739	\$188,395	95	\$726				✓	✓		Shea Blvd north to Cave Creek Rd. At city limits, 56 th St east to 148 th St.	7
Surprise +	\$176,355	\$10,660	\$187,015	91	\$757				✓		✓	Within City limits	9
Phoenix +	\$223,258	\$13,495	\$236,753	93	\$936				✓	✓		Area bounded by 111 th Ave to 1 st Ave, West Bethany Home Rd to West Pecos Rd	34
Surprise +	\$176,355	\$10,660	\$187,015	64	\$1,075				✓		✓	Within City limits.	9
Carefree	\$203,852	\$12,322	\$216,174	26	\$3,077		✓			✓		Within Town limits.	0
Subtotal	\$1,361,614												
Tempe +	\$203,976	\$12,329	\$216,305	25	\$3,158				✓		✓	Ray Rd to Continental Dr., Evergreen to Priest Dr.	6
Chandler +	\$232,546	\$14,056	\$246,602	22	\$4,084				✓	✓		Alma School south of the Western Canal to Germann Rd, Germann Rd east of Alma School to Gilbert Rd, Gilbert Rd north of Germann Rd to Gilbert boundary	10
Total	\$1,798,136												

* Total cost for the CMAQ eligible portion of the project, excludes ineligible equipment.

+ Proposed sweeper projects for Chandler, El Mirage, Phoenix, Surprise and Tempe indicate sweeping within four miles of a PM-10 monitor.

++ The total number of certified street sweepers owned and operated by the agency, regardless of funding source.

October 20, 2011

TO: Members of the MAG Air Quality Technical Advisory Committee

FROM: Stephen Tate, Transportation Planner III

Subject: MAG STREET COMMITTEE REVIEW OF STREET SWEEPER APPLICATIONS

On Tuesday, October 11, 2011, the MAG Street Committee reviewed data submitted for PM-10 Certified Street Sweeper funding. A total of eleven applications were reviewed, with the following breakdown of applications:

- Carefree – one application to provide expanded service
- Chandler – one application to replace a PM-10 Certified Street Sweeper
- El Mirage – one application to replace a PM-10 Certified Street Sweeper
- Mesa – two applications to replace two PM-10 Certified Street Sweepers. Data sheets for these applications were noted as having eligibility issues.
- Phoenix - one application to replace a PM-10 Certified Street Sweeper
- Scottsdale - one application to replace a PM-10 Certified Street Sweeper
- Surprise - two applications to replace two PM-10 Certified Street Sweepers
- Tempe - two applications to replace two PM-10 Certified Street Sweepers

It was confirmed that the data in the applications is complete and that the Town of Carefree service area was to be expanded. Also, it was confirmed that all replacement requests other than one received from the City of Tempe and the two received from the City of Mesa were or would be at their eight-year life spans by the date of their replacement. The Tempe street sweeper did not meet the eight-year replacement rule, but had a downtime of forty-seven percent.

The two Mesa applications were deemed as ineligible as they were less than eight-years old and were experiencing downtimes of only about ten percent. Considerable discussion of this issue arose in the Committee as it was pointed out by the City of Mesa representative:

- That the costs of maintaining the two street sweepers, particularly for replacement parts is excessive that they could not be maintained in service, and
- That the eight-year replacement rule failed to adequately address the actual usage level of sweepers as the sweeping schedules could vary considerably from city to city.

It was noted by one member that the data submitted by the City of Mesa did not indicate usage levels that exceeded that in the other applications, however, it was noted by the Chairman with the general concurrence of the Committee, that the eight year replacement rule may need to be re-examined in light of different usage levels by different cities. It is the intent of the Committee to review this issue in the future.

If you have any questions, please contact Stephen Tate or Eileen Yazzie at (602) 254-6300.

MARICOPA ASSOCIATION OF GOVERNMENTS INFORMATION SUMMARY... for your review

DATE:

November 1, 2011

SUBJECT:

Approval of the Draft July 1, 2011 Maricopa County and Municipality Resident Population Updates

SUMMARY:

MAG staff has prepared draft July 1, 2011 Maricopa County and Municipality Resident Population Updates. The Updates, which are used to prepare budgets and set expenditure limitations, were prepared using the 2010 Census as the base and updated with housing unit data supplied and verified by MAG member agencies. Because there may be changes to the Maricopa County control total by the Arizona Department of Administration (ADOA), on November 1, 2011 the MAG Population Technical Advisory Committee recommended approval of these draft Updates provided that the County control total is within one percent of the final control total.

The Arizona Department of Administration Council for Technical Solutions is currently reviewing these updates along with those for the remainder of the State. The Director of the Department of Economic Security (DES) is required to forward the Updates to the Economic Estimates Commission by December 15th of each year.

PUBLIC INPUT:

None.

PROS & CONS:

PROS: The July 1, 2011 Maricopa County and Municipality Resident Population Updates are needed to gauge growth in the region, prepare budgets and set expenditure limitations.

CONS: None.

TECHNICAL & POLICY IMPLICATIONS:

TECHNICAL: The July 1, 2011 Maricopa County and Municipality Resident Population Updates have been prepared using a methodology that is consistent for all counties and municipalities in the State of Arizona.

POLICY: The July 1, 2011 Maricopa County and Municipality Resident Population Updates are needed by local officials to accommodate and budget for growth.

ACTION NEEDED:

Recommend approval of the draft July 1, 2011 Maricopa County and Municipality Resident Population Updates provided that the Maricopa County control total is within one percent of the final control total.

PRIOR COMMITTEE ACTIONS:

MAG POPTAC: On November 1, 2011, the MAG Population Technical Advisory Committee unanimously recommended approval of the July 1, 2011 Maricopa County and Municipality Resident Population Updates provided that the Maricopa County control total is within one percent of the final control total.

Member/Proxy

- | | |
|--|---|
| Charlie McClendon, Avondale, Acting Chair | # Linda Edwards for Kyle Mieras, Gilbert |
| * Jim Bacon, Paradise Valley, Chair | # Sonny Culbreth, Litchfield Park |
| Tracy Clark, ADOT | * Matt Holm, Maricopa County |
| * Bryant Powell, Apache Junction | Wahid Alam, Mesa |
| # Adam Zaklikowski for Andrea Marquez, Buckeye | * Ed Boik, Peoria |
| * DJ Stapley, Carefree | Chris DePerro, Phoenix |
| * Usama Abujbarah, Cave Creek | # Dave Williams, Queen Creek |
| # David de la Torre, Chandler | * Bryan Meyers, Salt River Pima-Maricopa Indian Community |
| * Mark Smith, El Mirage | * Eddie Lamperez, Scottsdale |
| # Ken Valverde, Fountain Hills | # Lloyd Abrams, Surprise |
| Thomas Ritz, Glendale | # Arlene Palisoc for Lisa Collins, Tempe |
| # Joe Schmitz for Katie Wilken, Goodyear | * Anne McCracken, Valley Metro |
| * Gino Turrubiarres, Guadalupe | * Lloyce Robinson, Youngtown |
| * Rick Buss, Gila Bend | |

*Those not present

Participated via audioconference

MAG POPTAC Ad Hoc Subcommittee: On November 1, 2011, the MAG Population Technical Advisory Committee Ad Hoc Subcommittee unanimously recommended approval of the Maricopa County and Municipality July 1, 2011 Resident Population Updates provided that the Maricopa County control total is within one percent of the final control total.

Member/Proxy

- | | |
|------------------------------------|------------------------------|
| Charlie McClendon, Avondale, Chair | Chris DePerro, Phoenix |
| # David de la Torre, Chandler | * Lisa Collins, Tempe |
| Thomas Ritz, Glendale | * Matt Holm, Maricopa County |
| Wahid Alam, Mesa | |

* Those not present

Participated via audioconference

CONTACT PERSON:

Anubhav Bagley, MAG, (602) 254-6300.

DRAFT
Jurisdiction Population Update
Census 2010 and July 1, 2011

Jurisdiction	Total Population			Percent Change		Share	
	April 1, 2010 (Census 2010)	July 1, 2011	Change	Overall	Annual	Share of Growth	Share of County
Apache Junction *1 *2	294	294	0	0.0%	0.0%	0.0%	0.0%
Avondale	76,238	76,372	134	0.2%	0.1%	0.6%	2.0%
Buckeye	50,876	52,131	1,255	2.5%	1.8%	5.5%	1.4%
Carefree	3,363	3,367	4	0.1%	0.1%	0.0%	0.1%
Cave Creek	5,015	5,050	35	0.7%	0.5%	0.2%	0.1%
Chandler	236,123	238,091	1,968	0.8%	0.6%	8.6%	6.2%
El Mirage	31,797	31,854	57	0.2%	0.1%	0.2%	0.8%
Fort McDowell *1	971	971	0	0.0%	0.0%	0.0%	0.0%
Fountain Hills	22,489	22,546	57	0.3%	0.2%	0.2%	0.6%
Gila Bend	1,922	1,922	0	0.0%	0.0%	0.0%	0.1%
Gila River *1 *2	2,994	2,994	0	0.0%	0.0%	0.0%	0.1%
Gilbert	208,453	212,869	4,416	2.1%	1.6%	19.3%	5.5%
Glendale	226,721	227,392	671	0.3%	0.2%	2.9%	5.9%
Goodyear	65,275	67,073	1,798	2.8%	2.1%	7.9%	1.7%
Guadalupe	5,523	5,848	325	5.9%	4.4%	1.4%	0.2%
Litchfield Park	5,476	5,517	41	0.7%	0.6%	0.2%	0.1%
Mesa	439,041	440,888	1,847	0.4%	0.3%	8.1%	11.5%
Paradise Valley	12,820	12,952	132	1.0%	0.8%	0.6%	0.3%
Peoria *2	154,058	155,537	1,479	1.0%	0.7%	6.5%	4.1%
Phoenix	1,445,632	1,451,128	5,496	0.4%	0.3%	24.0%	37.8%
Queen Creek *2	25,912	26,655	743	2.9%	2.1%	3.2%	0.7%
Salt River *1	6,289	6,335	46	0.7%	0.5%	0.2%	0.2%
Scottsdale	217,385	217,890	505	0.2%	0.2%	2.2%	5.7%
Surprise	117,517	118,243	726	0.6%	0.5%	3.2%	3.1%
Tempe	161,719	162,403	684	0.4%	0.3%	3.0%	4.2%
Tolleson	6,545	6,541	-4	-0.1%	0.0%	0.0%	0.2%
Wickenburg	6,363	6,377	14	0.2%	0.2%	0.1%	0.2%
Youngtown	6,156	6,156	0	0.0%	0.0%	0.0%	0.2%
Balance of County	274,150	274,606	456	0.2%	0.1%	2.0%	7.2%
Total	3,817,117	3,840,000	22,883	0.6%	0.4%	100.0%	100.0%

Note: These figures are preliminary and subject to change. Totals may not add due to rounding

* Maricopa County portion only.

Sources: U.S. Census Bureau, Arizona State Demographer's Office, Maricopa Association of Governments

Prepared by the Maricopa Association of Governments, October 2011

MARICOPA ASSOCIATION OF GOVERNMENTS INFORMATION SUMMARY... for your review

DATE:

November 1, 2011

SUBJECT:

Proposed 2012 Edition of the MAG Standard Specifications and Details for Public Works Construction

SUMMARY:

The MAG Standard Specifications and Details for Public Works Construction represent the best professional thinking of representatives from many agency Public Works/Engineering Departments, and are reviewed and refined by members of the construction industry. They were written to fulfill the need for uniform rules for public works construction performed for Maricopa County and the various cities and public agencies in the county. It further fulfills the need for adequate standards by the smaller communities and agencies who could not afford to promulgate such standards for themselves. The MAG Standard Specifications and Details Committee has completed its 2011 review of proposed revisions to the MAG publication. A summary of cases is shown in Attachment One. A voting summary is shown in Attachment Two.

A summary of these recommendations has also been sent to MAG Public Works Directors for review for a period of one month. The package sent to the MAG Public Works Directors included links to the Draft MAG Standard Specifications and Details for Public Works Construction - 2012 Edition. This information is available online for review at the following internet address:

<http://www.azmag.gov/Events/Event.asp?CMSID=3905>

If no objections to any of the proposed revisions have been suggested within the month review time frame, then the proposed revisions will be regarded as approved and formal changes to the printed and electronic copies will be released. It is anticipated that the 2012 edition will be available for purchase in early January 2012.

PUBLIC INPUT:

Development of these revisions has been achieved during open meetings of the MAG Specifications and Details Committee and has included input from working groups (that helped develop cases for the committee) as well as several professional contractor and utility groups, private companies and private citizens.

PROS & CONS:

PROS: Approval of the latest revisions will ensure that the MAG Specifications and Details reflect the latest and best practices in public works construction appropriate for MAG agencies. This year, due to the large number of revisions, a new 2012 edition will be published, which includes all previous updates, and has been reformatted to allow easier future revisions and online distribution.

CONS: Due to the constant evolutionary change inherent in the Specifications and Details process, annual updates to the printed and electronic versions are necessary. Since a new 2012 edition will be published, update packets will not be available.

TECHNICAL & POLICY IMPLICATIONS:

TECHNICAL: The MAG Specifications and Details are a series of recommendations developed over many years, principally by senior inspectors and their supervisors from many MAG agencies. These recommendations are not prescriptive, but are often adopted entirely, or in part, by MAG agencies in developing public works projects.

POLICY: In prior years, action by the MAG Public Works Committee was the only review needed prior to publication of the revisions. The MAG Public Works Committee was discontinued so formal review by the Management Committee is requested.

ACTION NEEDED:

Information and discussion.

PRIOR COMMITTEE ACTIONS:

MAG Specifications and Details Committee. Reviewed and provided recommendations for the cases submitted for consideration throughout 2011.

VOTING MEMBERS

Troy Tobiasson, Goodyear, Chair
Tom Wilhite, P.E., Tempe, Vice Chair
Jim Badowich, Avondale
Scott Zipprich, Buckeye
Warren White, P.E., Chandler
Dave Emon, El Mirage
Edgar Medina, Gilbert
Tom Kaczmarowski, P.E., Glendale and
Mark Ivanich, P.E., Glendale
Robert Herz, P.E., RLS, Maricopa County DOT

Mike Samer, P.E., Mesa
Jesse Gonzales, Peoria and
Javier Setovich, Peoria
Syd Anderson, Phoenix (Street Trans.)
Jami Erickson, Phoenix (Water)
Mark Palichuk, Queen Creek
Rodney Ramos, P.E., Scottsdale
Jason Mahkovtz, P.E., Surprise

ADVISORY MEMBERS

John Ashley, ACA
Brian Gallimore, AGC
Jeff Benedict, AGC, ARPA
Adrian Green, AGC
Michael Smith, ARPA

Jeff Hearne, ARPA
Paul Nebeker, Independent Contractor
Bill Davis, NUCA
Anthony Braun, NUCA
Peter Kandararis, SRP Engineering

The MAG Public Works Directors are currently reviewing the proposed updates.

CONTACT PERSON:

Gordon Tyus, MAG, (602) 452-5035

2011 PROPOSED REVISIONS TO MAG SPECIFICATIONS AND DETAILS SUMMARY

(Updated information can be found on the website: <http://www.azmag.gov/Projects/Project.asp?CMSID=1055&CMSID2=1136>)

RECOMMENDATION SUMMARY OF THE MARICOPA ASSOCIATION OF GOVERNMENTS STANDARD SPECIFICATIONS AND DETAILS COMMITTEE

October 21, 2011

Thirty-seven cases were considered in 2011, including three cases carried over from 2010. Of these, twenty-seven were approved, two withdrawn, and eight cases were deferred to continue work in 2012.

Detailed information about each case is provided on the 2011 Specs and Details Cases Under Consideration page on the MAG website. <http://www.azmag.gov/Projects/Project.asp?CMSID=1136>

Most case files include a cover memo listing the purpose of each case and proposed changes. The final version of the working cases are posted, which often include the strike-through changes and other discussion points.

Further discussion on the cases is available in the committee meeting minutes which are posted separately for each meeting. Links can be found on the Standard Specifications & Details Committee page.

<http://www.azmag.gov/Committees/Committee.asp?CMSID=1055>

Final summary materials for review of the 2012 Edition of the MAG Specifications and Details for Public Works Construction manual including detailed attendance and voting records are posted on the Specifications & Details Public Works Directors Review Deadline page.

<http://www.azmag.gov/Events/Event.asp?CMSID=3905>



2011 PROPOSED REVISIONS TO MAG SPECIFICATIONS AND DETAILS SUMMARY

(Updated information can be found on the website: <http://www.azmag.gov/Projects/Project.asp?CMSID=1055&CMSID2=1136>)

CASE	DESCRIPTION	PROPOSED BY	MEMBER	SUBMITTAL DATE Last Revision	VOTE DATE	VOTE	
10-05	Case 10-05: Revise FOREWORD to clarify use of the MAG Specifications and Details for Public Works Construction document.	Peoria/ SRP	J. Gonzales Peter Kandaris	03/03/2010 08/03/2011	Approved 09/07/2011	13 0 0 2	Yes No Abstain Not Present
Summary	This case proposed modifying the foreword to the MAG Specifications and Details book, to clarify its limited use for public works construction in the right-of-way. It provided additional caveats for using the MAG specifications and details in private construction projects, and highlighted the need for review by professional engineers. In 2011 Peter Kandaris took over sponsorship of the case. Additional minor edits including some word-smithing and updating the link to the MAG website were included.						
10-08	Case 10-08: Re-write Section 717 ASPHALT-RUBBER	MCDOT	Bob Herz	05/05/2010 02/18/2011	Withdrawn 07/13/2011	0 0 0 0	Yes No Abstain Not Present
Summary	Maricopa County presented this case to re-write the specification on asphalt-rubber to match MCDOT's current requirements. During the review other agencies were requested to indicate how their requirements differed so that the specification could be modified to accommodate the needs of all agencies. In 2011, the Asphalt Working Group proposed additional changes to Section 717 in Case 11-22. Case 10-08 was withdrawn and incorporated in the new, more comprehensive case.						
10-12	Case 10-12: New Section 361 – Shallow Depth Fiber Optic Micro-Conduit Installation.	Scottsdale	Rod Ramos	05/05/2010 02/02/2011	Withdrawn 05/04/2011	0 0 0 0	Yes No Abstain Not Present
Summary	This case was introduced to add a new section specifying the process for installation of underground fiber optic micro-conduit telecommunications facilities within the public right of way. The sponsor provided sample specifications and details from a private engineering company as an example. The details showed a preferred location for the micro-trench, and the specifications described the process of making a saw cut, installing the conduit, filling the trench with a slurry grout, and capping with an asphalt sealant. Since several agencies voiced their opposition to allowing shallow installation of utilities, the sponsor considered scaling back the case to crack sealing applications. This case was later withdrawn because Case 11-24 was proposed to create a new crack sealing specification.						

2011 PROPOSED REVISIONS TO MAG SPECIFICATIONS AND DETAILS SUMMARY

(Updated information can be found on the website: <http://www.azmag.gov/Projects/Project.asp?CMSID=1055&CMSID2=1136>)

CASE	DESCRIPTION	PROPOSED BY	MEMBER	SUBMITTAL DATE Last Revision	VOTE DATE	VOTE	
11-01	Case 11-01: Miscellaneous Corrections. A. Correct typographical errors in Table 711-1. B. Correct typographical error in Table 705-1. C. Correct errors in Detail 212. D. Correct errors in Detail 262. E. Correct references in Sections 603 and 738. F. Change “plaster” to “mortar” in Section 625 and Details 421, 422, 501-1 and 501-2. G. Update references to deleted Detail 190.	MCDOT/ SRP ARPA	Bob Herz Peter Kandaris Jeff Hearne	01/05/2011 09/07/2011	Approved 09/07/2011	13 0 0 2	Yes No Abstain Not Present
Summary	The miscellaneous corrections cases gather the minor typographic, reference, and drafting errors into one case, since they tend to be straight-forward and do not require a great deal of discussion. Cases A and B fix typographic errors. Cases C, E, and G correct references that were incorrect. Case D made minor drafting changes to the alley entrance detail to make it ADA compliant. Case F changed references of plaster to mortar, in both specifications and details since plaster was removed from the materials section.						
11-02	Case 11-02: Add an Asphalt Pavement Safety Edge option to Detail 201.	MCDOT	Bob Herz	01/05/2011 04/06/2011	Carry forward to 2012	0 0 0 0	Yes No Abstain Not Present
Summary	Maricopa County proposed modifying Detail 201 to show a sloped safety edge under the shoulder based on FHWA guidelines. The case also would add a new sub-section 321.8.8 Safety Edge. Discussions included how to best get compaction on the sloped edge, and methods of construction using multiple lifts. The sponsor wanted to add details for both new construction and resurfacing, as well as get additional feedback from agencies, so the case was deferred to continue work in 2012.						
11-03	Case 11-03: Replace cadmium plated bolts referenced in Section 610.13 with zinc plated bolts as described in ASTM-B633.	Peoria	Jesse Gonzales/ Paul Nebeker	02/02/2011 07/13/2011	Carry forward to 2012	0 0 0 0	Yes No Abstain Not Present
Summary	Due to the expense and environmental concerns of cadmium bolts, the case was proposed to replace references to them with zinc plated bolts. The Phoenix representative said they use stainless steel bolts, and suggested adding it as an alternative. Peoria presented a letter recommending cadmium bolts be retained. Paul Nebeker agreed to take over the case for future work in 2012, with the goal of allowing different options in addition to the cadmium bolts currently required.						

2011 PROPOSED REVISIONS TO MAG SPECIFICATIONS AND DETAILS SUMMARY

(Updated information can be found on the website: <http://www.azmag.gov/Projects/Project.asp?CMSID=1055&CMSID2=1136>)

11-04	Case 11-04: Replace reference to MAG Detail 190 in MAG Section 301 with reference to Arizona standards. Delete MAG Detail 190.	OROW WG/ SRP	Peter Kandarlis	03/02/2011 05/23/2011	Approved 08/03/2011	10 0 1 4	Yes No Abstain Not Present
Summary	MAG Detail 190, "Rock Correction Procedure for Maximum Density Determination," is not a construction detail, but a design guide for use by quality control technicians. The procedure does not belong in a construction specification. References to Detail 190 were replaced by the standard Arizona rock correction method, ARIZ-227c. This abbreviation and the Arizona Test Method were added as entries in Section 101. Detail 190 was deleted.						
11-05	Case 11-05: Move MAG Section 225 Water Requirements into MAG Section 104.1.3.	OROW WG/ SRP	Peter Kandarlis	03/02/2011 05/04/2011	Approved 07/13/2011	10 0 0 5	Yes No Abstain Not Present
Summary	MAG Section 225, "Watering," provides no technical guidance for the performance of work and is general in scope. This case moved all of MAG 225 to MAG Section 104.1.3 of the General Conditions chapter. The last paragraph in this section was modified to read as follows: The cost of watering will be included in the proposal price bid for the construction operation to which such watering is incidental or appurtenant. Section 225 was deleted.						
11-06	Case 11-06: Remove sections and details of the MAG specifications that are no longer used or refer to outdated technologies.	OROW WG/ Buckeye	Scott Zipprich	03/02/2011 09/07/2011	Approved 09/07/2011	13 0 0 2	Yes No Abstain Not Present
Summary	Based on a review by the outside right-of-way working group, a list of unused or outdated specifications and details was developed. Based on the approval of this case the following sections were removed: 313: Bituminous Treated Base Course, 323: Heater Remix Resurfacing, 341: Terrazzo Sidewalks, 501: Driving Piles, 780: Timber Piles, 781: Steel Piles, 782: Concrete Piles, 785: Steel Castings and 786: Bronze Casings. The case also removed the sample forms and contracts since agencies have developed their own. The details that were deleted included: Steel Guard Rail Details 135-1 thru 135-4 since they are superseded by MCDOT and ADOT standards; Detail 170: Typical Runway or Taxiway Edge Lighting and Detail 402: Encased Pipe for Canal Crossing, since they are not used; and Alley Entrance Details 260 and 261 since they are not ADA compliant.						
11-07	Case 11-07: Revisions to Section 327 - Hot In-Place Recycling.	AGC/ Asphalt WG	Jeff Benedict	05/04/2011 05/13/2011	Approved 08/03/2011	9 0 2 4	Yes No Abstain Not Present
Summary	The purpose of the case was to update Section 327 with clear limits of its use and scope. The depth of use is now clear, a reference was fixed and other miscellaneous typos were corrected. This was a minor change to the current standard.						

2011 PROPOSED REVISIONS TO MAG SPECIFICATIONS AND DETAILS SUMMARY

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11-08	Case 11-08: Revise Section 711 Paving Asphalt to update performance tables and reference AASHTO standards.	AGC/ Asphalt WG	Jeff Benedict	05/04/2011 07/13/2011	Approved 08/03/2011	10 0 1 4	Yes No Abstain Not Present
Summary	The purpose of this case was to bring Section 711 Paving Asphalt into compliance with current ASTM and AASHTO specifications. Revisions included adding two binders to Table 711-1, including one heavier (PG76-16) and one softer (PG 58-22). The PAV temperatures were more clearly defined and other minor corrections, such as revisions to the test procedures, were included.						
11-09	Case 11-09: Preservative Seal for Asphalt Concrete – Revise Sections 334 and 718.	AGC/ Asphalt WG	Jeff Benedict	05/04/2011 08/29/2011	Approved 09/07/2011	11 0 2 2	Yes No Abstain Not Present
Summary	To bring Sections 334 and 718 into current practice, the preservative seal specifications were updated. Current products were added including: rejuvenating emulsion, petroleum hydrocarbon emulsion, TRMSS asphalt sealer, and acrylic polymer emulsion. The test methods and requirements (Table 718-1) was thoroughly updated with current standards and appropriate ASTM and AASHTO references.						
11-10	Case 11-10: Curb Ramp Modification for Radial Installations – Create new Detail 234. Revise details 235-1, 235-2 and 235-3.	MCDOT	Bob Herz	05/04/2011 08/10/2011	Approved 09/07/2011	13 0 0 2	Yes No Abstain Not Present
Summary	To eliminate concrete spalling that may occur in the narrow circular segment between the back of curb and the detectable warnings for curb ramps, a new Detail 234 was created. This detail has the curb opening placement continue back to the detectable warning, creating a straight line, so filling in the gap between the radial curb and the warning is no longer necessary. The case also shows the curb modification on type A, B, and C Curb Ramps as shown in Details 235-1, 235-2 and 235-3.						
11-11	Case 11-11: Superseded ASTM Specifications: A. Nuclear Density Testing of Soil B. Section 772 Chain Link Fence	OROW WG/ SRP	Peter Kandararis	05/04/2011 07/13/2011	Approved 09/07/2011	13 0 0 2	Yes No Abstain Not Present
Summary	This case updates outdated ASTM references. The changes include: A. The Nuclear Density Testing of Soil (ASTM D3017 and D2922) have been replaced with ASTM D6938 in seven locations. B. The ASTM A569 reference in Section 772 Chain Link Fence has been superseded by ASTM A1011. Additional outdated ASTM references will be addressed in future cases.						

2011 PROPOSED REVISIONS TO MAG SPECIFICATIONS AND DETAILS SUMMARY

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11-12	Case 11-12: Modifications to Regulatory Requirements, MAG 107.	OROW WG/ SRP	Peter Kandarlis	05/04/2011	Carry forward to 2012	0 0 0 0	Yes No Abstain Not Present
Summary	MAG standards are absent of requirements for native Arizona plants. Rules are provided in ARS Title 3, Chapter 7 and should be referenced in MAG Section 107.1. MAG 107.1(A) currently references ARS 23-373, which no longer exists. A new reference is needed (possibly ARS 23-425 and/or a statute within ARS 34). Agencies were asked to consult their legal departments to determine the most appropriate revised reference. This case was carried forward to 2012 to allow time to research this issue.						
11-13	Case 11-13: Replace Manhole Frame and Cover Details 423, 424 with new updated versions: 423-1, 423-2, 424-1, and 424-2	Water/Sewer WG/ Buckeye	Scott Zipprich	06/01/2011 10/04/2011	Approved 10/05/2011	13 0 0 2	Yes No Abstain Not Present
Summary	Current MAG Details 423 and 424 are dimensioned based on class 30 cast iron; however, the lighter class 35 cast iron is used currently in the manufacture of all manhole frame and covers. This case updates the 24" and 30" manhole frame and covers to match those currently being supplied. The details were revised to reduce the number of dimensions allowing manufacturers more freedom in their design, since the details added ASTM loading requirements. Industry representatives provided assistance in developing the new details which included the option for an agency logo, and a gasket on the water-tight versions. The pressure manhole frame and cover revisions were removed from the final case, and will likely be submitted as a new case in 2012.						
11-14	Case 11-14: Update Fire Hydrant Detail 360-1, and add Wet Barrel Option (360-2) and Details (360-3).	Water/Sewer WG/ Buckeye	Scott Zipprich	07/13/2011	Carry forward to 2012	0 0 0 0	Yes No Abstain Not Present
Summary	This case from the water/sewer working group proposes changes to the fire hydrant detail (360-1) to update it and add options that would reduce the number of agency supplements. It also added a new detail for a wet barrel hydrant option (360-2) that is currently used in Avondale and Peoria. Some revisions included locations of the concrete pad, the minimum height of the connector, and options for adjustable offsets and restraint systems. A third drawing (360-3) showed more details, the plan view and clearances. Additional review by the working group and agency fire departments is needed, so this case was recommended to be carried forward to 2012.						
11-15	Case 11-15: Modify Residential Speed Hump: Detail 210.	Chandler	Warren White	07/13/2011 08/11/2011	Approved 09/07/2011	12 0 1 2	Yes No Abstain Not Present
Summary	This case proposed updating the speed hump detail to be compliant with MUTCD marking requirements. The current MAG detail is not compliant, so the sponsor provided a new case with the proper markings. It also added a section view for a hump designed for a 14' wide road in addition to the 12' section, and other changes to incorporate Chandler's supplement. After some discussion about unresolved issues of the additional changes, it was decided to update just the current 12' speed hump as shown in MAG Detail 210. Additional revisions may be submitted as a new case in 2012.						

2011 PROPOSED REVISIONS TO MAG SPECIFICATIONS AND DETAILS SUMMARY

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11-16	Case 11-16: Modify Section 415: Steel Flexible Metal Guardrail.	OROW WG/ SRP	Peter Kandarlis	07/13/2011	Carry forward to 2012	0 0 0 0	Yes No Abstain Not Present
Summary	Existing MAG guardrail standards (Section 415 and Details 135-1 thru 4) are outdated and generally not followed by MAG agencies. Some details may not be safe to use. The guardrail details were deleted as part of Case 11-06. Maricopa County has a supplement to Section 415 that references and/or modifies guardrails used by the Arizona Department of Transportation. Due to this year's heavy case load, this case was deferred to 2012 to allow time to incorporate the county supplement and for other agencies to comment on whether to use the ADOT details, Maricopa County's modifications, or to make other modifications.						
11-17	Case 11-17: Revise Section 520: Steel and Aluminum Handrails.	OROW WG/ SRP	Peter Kandarlis	07/13/2011	Approved 09/07/2011	13 0 0 2	Yes No Abstain Not Present
Summary	The existing section allows aluminum handrails, but provides no requirements for use of aluminum. (It has specifications for steel only.) The welding standard is nearly 25 years out of date. The revisions added material requirements for aluminum handrails to Section 520.2, and updated the welding reference to current standards (AASHTO/AWS Standard D1.5, Bridge Welding Code).						
11-18	Case 11-18: Update Section 350: Removal of Existing Improvements.	OROW WG/ SRP	Peter Kandarlis	07/13/2011	Carry forward to 2012	0 0 0 0	Yes No Abstain Not Present
Summary	Section 350 needs to be updated to include detailed information on handling utilities when renovations occur within the right-of-way and backfill of voids left from removals where structures are to be installed (manholes, vaults, etc.). Additionally, payment for removals should delineate specific removal items to insure that the scope is understood during the bid process. There was some question as to whether the default position in the specification should be to remove existing improvements, or leave them in place unless directed to remove them. Comments and feedback from agencies, and additional revisions are anticipated, so this case was recommended to be carried forward.						
11-19	Case 11-19: Modify Section 340.2: Detectable Warnings.	OROW WG/ SRP	Peter Kandarlis w/ N. Vescio	07/13/2011 10/05/2011	Approved 10/05/2011	12 0 0 3	Yes No Abstain Not Present
Summary	This case, proposed by the outside right-of-way working group, was submitted to provide more guidance and performance specifications for detectable warning systems. Initially the case included performance specifications for materials based on concrete systems. Since other types of materials can be used, the performance specifications in materials section was deferred for further work, and the case focused on updating the specifications as defined by the American with Disabilities Act Accessibilities Guidelines. The definition of detectable warnings as well as new sections on color and contrast, materials, and attachment systems were added. Final clarification of the attachment specifications, and final approval by the local jurisdictional agencies was included.						

2011 PROPOSED REVISIONS TO MAG SPECIFICATIONS AND DETAILS SUMMARY

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11-20	Case 11-20: Update MAG specifications for brass and bronze water line construction materials to meet federal low lead standards.	Chandler	Warren White	07/13/2011 08/22/2011	Approved 09/07/2011	12 0 1 2	Yes No Abstain Not Present
Summary	MAG specifications (610, 630, 631, 754, 755) referencing brass and bronze water line construction materials, were updated to meet new federal low lead standards. (NSF 61-8 Annex F&G (effective July 1, 2012) and the new Federal Law S. 3874.) Specifications for materials included the language: "Service material containing brass or bronze must comply with the current NSF 61-8 standards at the time the project begins. All brass or bronze service material must meet the current AWWA C-800 standards. Any project used in water line construction containing brass or bronze that comes in contact with potable water shall meet current NSF standards and Federal law."						
11-21	Case 11-21: Add new Section 623: Special Bedding for Mainline Storm Drain Pipe.	Phoenix	Syd Anderson	07/13/2011 09/26/2011	Carry forward to 2012	0 0 0 0	Yes No Abstain Not Present
Summary	This case would incorporate City of Phoenix supplement 623 into the MAG standards. This supplement also was revised to specify the ½ sack CLSM as defined in Section 728 instead of the slurry currently in the supplement. There was discussion on the purpose of the encasing the pipe in CLSM, problems with ABC damaging pipe, the "floating" of pipe, and compaction issues. HDPE pipe manufacturers provided letters in opposition to this case. The case was carried forward to allow additional revisions and to address industry concerns.						
11-22	Case 11-22: Revise Sections 325 and 717: Asphalt Rubber Specifications.	AGC/ Asphalt WG	Jeff Benedict	07/13/2011 09/07/2011	Approved 10/05/2011	13 0 0 2	Yes No Abstain Not Present
Summary	This case developed by the asphalt working group thoroughly updated Sections 325 and 717 to meet current industry practice. It separated material and construction methods and gave guidance to rubber specifications. Revisions included updating required equipment and density procedures, clarifying compaction procedures, and updating rubber materials and physical properties specifications. The case provided a complete rewrite of the asphalt rubber specifications, and incorporated supplemental specifications from Maricopa County and the City of Phoenix.						
11-23	Case 11-23: Revise Section 321: Asphalt Concrete Pavement	AGC/ Asphalt WG	Jeff Benedict	07/13/2011 10/05/2011	Approved 10/05/2011	13 0 0 2	Yes No Abstain Not Present
Summary	Major revisions to Section 321 were submitted to address compaction requirements. Revisions included updating allowable self-directed target changes, specifying asphalt temperature for pavement fabric, adding requirements for asphalt binder and air voids, and changing the sample frequency for cylinders. This last change was modified to include samples taken for each residential street and/or traffic lane. Gradation acceptance tables for Marshall mixes and gyratory mixes were separated to provide clearer guidance. Final revisions were made based on comments from Tempe and discussions during the October meeting. A thorough summary of changes is provided in the online case file.						

2011 PROPOSED REVISIONS TO MAG SPECIFICATIONS AND DETAILS SUMMARY

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11-24	Case 11-24: Add new Section 337: Crack Sealing	AGC/ Asphalt WG	Jeff Benedict	07/13/2011 10/05/2011	Approved 10/05/2011	12 0 1 2	Yes No Abstain Not Present
Summary	MAG currently does not have any specifications for crack sealing. The purpose of the case was to add a new Section 337 Crack Sealing with clear limits of its use and scope. Crafcoc, a major vendor, was consulted and helped write the specification. It was reviewed by the asphalt working group and agency members. Modifications to the draft specification included removing references to blowing, replacing it with vacuuming, and removing references to crack filling.						
11-25	Case 11-25: Update Section 713: Emulsified Asphalt Materials to include current products and standards.	AGC/ Asphalt WG	Jeff Benedict	07/13/2011	Approved 09/07/2011	13 0 0 2	Yes No Abstain Not Present
Summary	This case updated Section 713 to meet current industry practice. A quick setting PMQSH product that is used in slurry applications was added. Slurry producers and emulsion manufacturers reviewed the changes in the asphalt working group process. Minor changes to the specification table 713-1 were made to bring it up to current standards.						
11-26	Case 11-26: Revise Section 332 and 715: Slurry Seal Material and Application to include current practice and technologies.	AGC/ Asphalt WG	Jeff Benedict	07/13/2011	Approved 09/07/2011	13 0 0 2	Yes No Abstain Not Present
Summary	This case moved material items into Section 715 and updated the applications Section 332 to match current practice and technologies. The case moved the job mix formula from 332 (in whole) to 715, cleaned up language and updated Section 715 to allow the use of the polymer modified emulsion binders. This is a major change to both sections, although the PMQSH is the only addition. Tables are now more clear and up to date.						
11-27	Case 11-27: Update Section 335: Hot Asphalt Rubber Seal (Chip) to include current practice and technologies including blending of rubber binder.	AGC/ Asphalt WG	Jeff Benedict	07/13/2011	Approved 09/07/2011	12 0 1 2	Yes No Abstain Not Present
Summary	The purpose of the case was to update the specification to match current practice and technologies. The case included the elimination of extender oils and the addition of current practices of blending the rubber binder. Some terminology was changed to clarify the specifications.						
11-28	Case 11-28: Revise Section 716: Cover Material to include a better description of “pre-coat” and method. Update references as needed.	AGC/ Asphalt WG	Jeff Benedict	07/13/2011	Approved 09/07/2011	11 0 2 2	Yes No Abstain Not Present
Summary	This case made minor revisions including a better description of “pre-coat” and method. The aggregate materials information was moved from 701 and included in 716. Other sections were updated or eliminated as needed. Screens size and passing requirements remain unchanged.						

2011 PROPOSED REVISIONS TO MAG SPECIFICATIONS AND DETAILS SUMMARY

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11-29	Case 11-29: Revise Section 701. Change title from Rock, Gravel and Sand to Aggregates. Move materials to appropriate sections, and clarify types of aggregates. Update all references to Section 701.	AGC/ Materials WG	Brian Gallimore	07/13/2011 08/22/2011	Approved 10/05/2011	13 0 0 2	Yes No Abstain Not Present
Summary	The purpose of the changes were to consolidate general aggregate material requirements within Section 701, move specific material requirements to appropriate material sections, remove archaic test methods or processes that are not longer practiced by the industry, and replace subjective material requirements with accepted test methods. Major changes include: describing aggregates using ASTM definitions and specifications; move LA abrasion test requirements to specific sections; allow recycled materials upon approval of the Engineer; and move sand specifications to the specific material section in which the sand is used (i.e. asphalt, concrete, CLSM and mortar). The case also made ASTM and AASHTO references more uniform, and updated references to parts of Section 701 that have been moved. A detailed summary and road map of changes is included in the online case file.						
11-30	Case 11-30: Update Section 702: Base Material. Moved ABC material to Section 310. Revise Section 310: Untreated Base Course. Revise for current standards. Update all references to Section 702.	AGC/ Materials WG	Brian Gallimore	07/13/2011 08/23/2011	Carry forward to 2012	0 0 0 0	Yes No Abstain Not Present
Summary	The purpose of this case is to simplify base material requirements with physical properties shown in a single table, delete information that is redundant to Section 701 (re-defining general aggregate requirements), and remove language that is vague and cannot be enforced through objective tests. This case also updates related Section 310. Major changes include: (a) Delete references to specific aggregate materials such as decomposed granite, slag, etc., as these should be covered by Section 701 requirements. (b) Add functional descriptions for ABC and Select Material. (c) Consolidate all material requirements into Table 702-1. This includes PI, fractured face and LA abrasion testing. (d) Fractured face for ABC was changed from 50% to 30% to match ADOT requirements. (e) Change from 1-1/4" sieve to 1" sieve in Table 702-1 as plants do not have the capability to separate at 1-1/4" and modify the gradation requirements. (f) Include a referee test for aggregates that exceed a PI of 5. A white paper was prepared by the materials working group to give the rationale for using an R-value of 70 if the PI is too high (to be provided to the committee at the next meeting). Due to the large case load in 2011, the committee recommended this case be carried over to 2012 to allow more time for review and comments.						
11-31	Case 11-31: Revise Section 703: Riprap. Indicate proper aggregate size and testing methods.	AGC/ Materials WG	Brian Gallimore	07/13/2011 08/23/2011	Approved 10/05/2011	13 0 0 2	Yes No Abstain Not Present
Summary	The purpose of the Riprap case was to simplify the language and include the LA abrasion test requirement. Major changes to 703 included: changing the term "stone" to "aggregate" to be consistent with other MAG sections; including engineering review of submittals and material source, as is done with other materials; placing all material physical requirements in Section 703.2; improving definition for aggregate shape; including appropriate ASTM test methods; and updating references as necessary. Revisions to Section 220 were done to be compatible with revisions to Section 701 and to update the grout material requirements.						

2011 PROPOSED REVISIONS TO MAG SPECIFICATIONS AND DETAILS SUMMARY

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11-32	Case 11-32: Modify Section 309: Lime Slurry Stabilization to include the use of hydrated lime, add mix criteria, testing procedures and payment.	AGC/ Materials WG	Brian Gallimore	07/13/2011 10/05/2011	Approved 10/05/2011	13 0 0 2	Yes No Abstain Not Present
Summary	Case 11-32 proposed changing Section 309 to include hydrated lime, so the specification can not only be used for slurry, but also used for soil modifications. Revisions included revising the title, adding mix design criteria, adding more testing procedures, specifying equipment used to spread the material more accurately, being less prescriptive on compaction equipment, and modifying the payment for lime materials section. Maricopa County modified the draft to not allow the direct use of quicklime on soil. Other minor typographic corrections were included.						
11-33	Case 11-33: Revise Section 311: Soil Cement Base Course. Clarify and update the construction methods of cement treated subgrade.	AGC/ Materials WG	Brian Gallimore	07/13/2011 10/05/2011	Approved 10/05/2011	11 0 0 4	Yes No Abstain Not Present
Summary	The Soil Cement Base Course specification was revised to clarify and update the construction methods of cement treated subgrade. This included updates to: the title, the spreading of cement, and the testing criteria for moisture and density. The case also adds a thickness deficiency procedure, and removes bituminous curing seal due to environmental issues. More revisions to the moisture testing criteria were discussed since a nuclear gage test alone could give a false reading. Referencing AASHTO test T-394 instead of T-217 would allow a more accurate moisture content measure. This represents a relatively major change to the MAG specification.						
11-34	Case 11-34: Revise Section 312: Cement Treated Base to add provisions for measuring moisture content and update density testing procedures.	AGC/ Materials WG	Brian Gallimore	07/13/2011 10/05/2011	Approved 10/05/2011	11 0 0 4	Yes No Abstain Not Present
Summary	The Cement Treated Base specification was also updated to improve testing procedures, and add provisions for measuring moisture content. This case also made modifications to Section 705 Portland Cement Treated Base to update the mix designs and reference Arizona Test Methods. Other minor corrections and reference updates were included.						

MAG Specification & Detail Committee VOTING SUMMARY for 2011

Case No.	Title – Section/Detail	Vote Date	Avondale	Buckeye	Chandler	El Mirage	Gilbert	Glendale	Goodyear	Maricopa County	Mesa	Peoria	Phoenix	Queen Creek	Scottsdale	Surprise	Tempe	Voting Summary Y-N-A-NP
10-05	Revise FOREWORD to clarify use of the <i>MAG Specifications and Details for Public Works Construction</i> document.	09/07/11	Y	Y	Y	—	Y	Y	Y	Y	Y	Y	Y	Y	—	Y	Y	13-0-0-2
10-08	Re-write Section 717 ASPHALT-RUBBER.	withdrawn																0-0-0-0
10-12	New Section 361: Shallow Depth Fiber Optic Micro-conduit Installation	withdrawn																0-0-0-0
11-01	Miscellaneous Corrections: A. Correct typographical errors in Table 711-1. B. Correct typographical error in Table 705-1. C. Correct errors in Detail 212. D. Correct errors in Detail 262. E. Correct references in Sections 603 and 738. F. Change “plaster” to “mortar” in Section 625 and Details 421, 422, 501-1 and 501-2. G. Correct references to Detail 190.	09/07/11	Y	Y	Y	—	Y	Y	Y	Y	Y	Y	Y	Y	—	Y	Y	13-0-0-2
11-02	Add an Asphalt Pavement Safety Edge option to Detail 201.	carry forward																0-0-0-0
11-03	Replace cadmium plated bolts referenced in Section 610.13 with zinc plated bolts as described in ASTM-B633.	carry forward																0-0-0-0
11-04	Replace reference to MAG Detail 190 in MAG Section 301 with ASTM D4718. Delete MAG 190.	08/03/11	Y	Y	Y	—	—	Y	Y	Y	Y	—	A	—	Y	Y	Y	10-0-1-4
11-05	Move MAG Section 225 Water Requirements into MAG Section 104.1.3.	07/13/11	Y	Y	Y	—	Y	Y	Y	Y	—	—	Y	—	Y	—	Y	10-0-0-5

Voting Abbreviations: Y: Yes N: No A: Abstain — : Not Present (NP)

Page 1 of 4

*: Indicates changes made to proposal prior to vote.

MAG Specification & Detail Committee VOTING SUMMARY for 2011

Case No.	Title – Section/Detail	Vote Date	Avondale	Buckeye	Chandler	El Mirage	Gilbert	Glendale	Goodyear	Maricopa County	Mesa	Peoria	Phoenix	Queen Creek	Scottsdale	Surprise	Tempe	Voting Summary Y-N-A-NP
11-06	Remove sections and details of the MAG specifications that are no longer used or refer to outdated technologies.	09/07/11	Y	Y	Y	—	Y	Y	Y	Y	Y	Y	Y	Y	—	Y	Y	13-0-0-2
11-07	Revise Section 327 Hot In-Place Recycling.	08/03/11	Y	Y	Y	—	—	Y	Y	Y	A	—	A	—	Y	Y	Y	9-0-2-4
11-08	Revise Section 711 Paving Asphalt to update performance tables and reference AASHTO standards.	08/03/11	Y	Y	Y	—	—	Y	Y	Y	Y	—	A	—	Y	Y	Y	10-0-1-4
11-09	Preservative Seal for Asphalt Concrete – Revise sections 334 and 718.	09/07/11	Y	Y	Y	—	Y	Y	Y	Y	Y	A	A	Y	—	Y	Y	11-0-2-2
11-10	Curb Ramp Modification for Radial Installations – Create new detail 234. Revise details 235-1, 235-2 and 235-3.	09/07/11	Y	Y	Y	—	Y	Y	Y	Y	Y	Y	Y	Y	—	Y	Y	13-0-0-2
11-11	Superseded ASTM Specifications: A. Nuclear Density Testing of Soil. B. Chain Link Fence	09/07/11	Y	Y	Y	—	Y	Y	Y	Y	Y	Y	Y	Y	—	Y	Y	13-0-0-2
11-12	Modifications to Regulatory Requirements, MAG 107.	carry forward																0-0-0-0
11-13	Replace Manhole Frame and Cover Details 423, 424 and 523 with new updated versions.	10/05/11	Y	Y	Y	—	Y	Y	Y	Y	Y	—	Y	Y	Y	Y	Y	13-0-0-2
11-14	Update Fire Hydrant Detail 360, and Add Wet Barrel Option and Details.	carry forward																0-0-0-0
11-15	Modify Residential Speed Hump: Detail 210.	09/07/11	Y	Y	Y	—	Y	Y	Y	Y	A	Y	Y	Y	—	Y	Y	12-0-1-2
11-16	Modify Section 415: Steel Flexible Metal Guardrail.	carry forward																0-0-0-0

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Page 2 of 4

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MAG Specification & Detail Committee VOTING SUMMARY for 2011

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11-17	Revise Section 520: Steel and Aluminum Handrails.	09/07/11	Y	Y	Y	—	Y	Y	Y	Y	Y	Y	Y	Y	—	Y	Y	13-0-0-2
11-18	Update Section 350: Removal of Existing Improvements.	carry forward																0-0-0-0
11-19	Modify Section 340: Detectable Warnings.	10/05/11	Y	Y	Y	—	Y	Y	Y	Y	Y	—	Y	Y	Y	—	Y	12-0-0-3
11-20	Update MAG specifications for brass and bronze water line construction materials to meet federal low lead standards.	09/07/11	Y	Y	Y	—	Y	Y	Y	A	Y	Y	Y	Y	—	Y	Y	12-0-1-2
11-21	Add new Section 623: Special Bedding for Mainline Storm Drain Pipe.	carry forward																0-0-0-0
11-22	Revise Sections 325 and 717: Asphalt Rubber Specifications.	10/05/11	Y	Y	Y	—	Y	Y	Y	Y	Y	—	Y	Y	Y	Y	Y	13-0-0-2
11-23	Revise Section 321: Asphalt Concrete Pavement	10/05/11	Y	Y	Y	—	Y	Y	Y	Y	Y	—	Y	Y	Y	Y	Y	13-0-0-2
11-24	Add new Section 337: Crack Sealing and Crack Filling	10/05/11	Y	Y	Y	—	Y	Y	Y	A	Y	—	Y	Y	Y	Y	Y	12-0-1-2
11-25	Update Section 713: Emulsified Asphalt Materials to include current products and standards.	09/07/11	Y	Y	Y	—	Y	Y	Y	Y	Y	Y	Y	Y	—	Y	Y	13-0-0-2
11-26	Revise Section 332 and 715: Slurry Seal Material and Application	09/07/11	Y	Y	Y	—	Y	Y	Y	Y	Y	Y	Y	Y	—	Y	Y	13-0-0-2
11-27	Update Section 335: Hot Asphalt Rubber Seal (Chip) to include current practice and technologies	09/07/11	Y	Y	Y	—	Y	Y	Y	Y	Y	A	Y	Y	—	Y	Y	12-0-1-2
11-28	Revise Section 716: Cover Material to include a better description of “pre-coat” and method.	09/07/11	Y	Y	Y	—	Y	Y	Y	Y	A	A	Y	Y	—	Y	Y	11-0-2-2

Voting Abbreviations: Y: Yes N: No A: Abstain — : Not Present (NP)

Page 3 of 4

*: Indicates changes made to proposal prior to vote.

MAG Specification & Detail Committee VOTING SUMMARY for 2011

Case No.	Title – Section/Detail	Vote Date	Avondale	Buckeye	Chandler	El Mirage	Gilbert	Glendale	Goodyear	Maricopa County	Mesa	Peoria	Phoenix	Queen Creek	Scottsdale	Surprise	Tempe	Voting Summary Y-N-A-NP
11-29	Revise Section 701. Change title from Rock, Gravel and Sand to Aggregates. Move materials to appropriate sections, and clarify aggregates.	10/05/11	Y	Y	Y	—	Y	Y	Y	Y	Y	—	Y	Y	Y	Y	Y	13-0-0-2
11-30	Update Section 702: Base Material. Moved all ABC material to Section 310. Revise Section 310: Untreated Base Course. Revise for current standards. Update all references to Section 702. (Combined with previous Case 11-35.)	Carry Forward																0-0-0-0
11-31	Revise Section 703: Riprap. Indicate proper aggregate size and testing methods.	10/05/11	Y	Y	Y	—	Y	Y	Y	Y	Y	—	Y	Y	Y	Y	Y	13-0-0-2
11-32	Modify Section 309: Lime Slurry Stabilization to include the use of hydrated lime, add mix criteria, testing procedures and payment.	10/05/11	Y	Y	Y	—	Y	Y	Y	Y	Y	—	Y	Y	Y	Y	Y	13-0-0-2
11-33	Revise Section 311: Soil Cement Base Course. Clarify and update the construction methods of cement treated subgrade.	10/05/11	Y	Y	Y	—	Y	Y	Y	Y	Y	—	Y	—	Y	—	Y	11-0-0-4
11-34	Revise Section 312: Cement Treated Base to add provisions for measuring moisture content and update density testing procedures.	10/05/11	Y	Y	Y	—	Y	Y	Y	Y	Y	—	Y	—	Y	—	Y	11-0-0-4
11-35	Revise Section 310: Untreated Base Course. Change title to clarify meaning, address conflicting construction and evaluation process.	combined with 11-30																0-0-0-0

Voting Abbreviations: Y: Yes N: No A: Abstain — : Not Present (NP)

*: Indicates changes made to proposal prior to vote.

MARICOPA ASSOCIATION OF GOVERNMENTS

INFORMATION SUMMARY... for your review

DATE:

November 1, 2011

SUBJECT:

Metropolitan Business Planning Initiative Business Consultant Selection

SUMMARY:

In May 2011, the MAG Regional Council approved the submission of a proposal to participate in the Metropolitan Business Planning Initiative. The budget for this proposal included \$166,400 to secure a business consultant to assist with implementation of the project. In July, the Brookings Institution announced that the region had been selected to participate in the initiative. In September, a Request for Proposals was issued to request proposals for the business consultant. On October 7, 2011, two proposals were received, one from Elliot D. Pollack and Company and the second from Value Point Solutions. On October 26, 2011, a multi-disciplinary team met to review the proposals. The review team recommended to MAG the selection of Elliot D. Pollack and Company to complete tasks one through four as specified in the Request for Proposals with tasks five and six being awarded separately to support the Metropolitan Business Planning Initiative for a total amount not to exceed \$166,400 for all six tasks.

Following the meeting, staff contacted the Elliot D. Pollack and Company to determine the cost for tasks one through four. They indicated a cost of \$78,400. Staff also inquired from Value Point Solutions the cost for tasks five and six to develop the business plan and prospectus if they were to be considered for these tasks. They indicated a cost of \$88,000 if they were to be considered for tasks five and six. The cost estimates received from Elliot D. Pollack and Company and Value Point come in at the proposed project budget of \$166,400.

PUBLIC INPUT:

No public input has been received.

PROS & CONS:

PROS: This consultant(s) will provide the technical expertise in economic analysis and business plans development to support MAG's participation in the Metropolitan Business Planning Initiative facilitated by the Brookings Institution. This expertise will ensure activity in the project is based on sound analysis of data related to the region's economy and that the business plan is comprehensive and positions the project for success.

CONS: The brisk pace of the project and the complexity of the region's economy creates challenges in knowing which firm is the most appropriate to conduct the tasks. The review team completed a careful examination of the two proposals submitted. Additional information from the applicants may be helpful in making this determination.

TECHNICAL & POLICY IMPLICATIONS:

TECHNICAL: This project will result in the development of a business plan for one or more lead initiatives that will include the structure, staffing and supplies needed for implementation. A prospectus will also be developed to solicit public, private, and civic investment to support the implementation of the lead initiative. Technical expertise is proposed to be provided through one or more business consultants to conduct the analysis that will support the identification of the lead initiatives, and to draft the business plan and prospectus.

POLICY: The process to select one or more lead initiatives will be more valuable if it is based on a careful, objective analysis of data regarding the region’s economy. A consultant is sought to provide that assessment to ensure the process is not biased for any one industry. Once the analytics have been completed through an impartial process, an informed decision may be made on the lead initiative. With that determination in place, a consultant with expertise in the development of business plans and prospectus will identify what needs to be in place to support a successful implementation of that initiative. The business plan is not meant to be a report, but an action plan to be implemented.

ACTION NEEDED:

Recommend the selection of Elliot D. Pollack and Company to conduct the analytics and activities specified under tasks one through four for an amount not to exceed \$78,400 and consider tasks five and six separately to develop the business plan and prospectus.

PRIOR COMMITTEE ACTIONS:

On October 26, 2011, a multi-disciplinary team met to review the proposals. The review team recommended to MAG the selection of Elliot D. Pollack and Company to complete tasks one through four as specified in the Request for Proposals with tasks five and six being awarded separately for a total amount not to exceed \$166,440.

PROPOSAL EVALUATION TEAM

Steven Betts, Greater Phoenix Economic Council
Todd Hardy, Arizona State University
Steve Kiefer, Maricopa Community Colleges District

Kathleen Lee, Greater Phoenix Economic Council
Amy St. Peter, Maricopa Association of Governments

CONTACT PERSON:

Amy St. Peter, MAG (602) 254-6300

November 1, 2011

TO: Members of the MAG Management Committee

FROM: Audrey Skidmore, IT Manager

SUBJECT: PAPERLESS DOCUMENT ACCESS SUPPORT

MAG is making a change in the composition of electronic agendas and adding an additional avenue for accessing agenda packets to make it easier for tablet users to retrieve meeting materials. The following memorandum summarizes the changes and lists the available File Transfer Protocol (FTP) sites by committee.

Agenda Format

The agenda will now be available as a single packet which will include all electronic attachments. This packet will be available in searchable Portable Document Format (PDF) and will include bookmarks for each agenda item and its attachments.

Agenda Changes

A number of agencies are using programs like PDF Expert to annotate agendas. To avoid losing previously saved annotations, if there are changes to the agenda or handouts, they will be made available in separate files to be downloaded separately.

Posting Location

In addition to the existing website location, all agenda packets will be available via the FTP site. These locations are publically accessible and do not require a password.

Please contact me at the MAG office at 602-254-6300 if there are additional changes that will facilitate your access to MAG meeting materials.

FTP Sites by Committee

Committee	FTP Site
3-1-1 Business Plan Committee	ftp://ftp.azmag.gov/3-1-1BusinessPlanCommittee
9-1-1 Oversight Team	ftp://ftp.azmag.gov/9-1-1OversightTeam
Air Quality Technical Advisory Committee	ftp://ftp.azmag.gov/AirQualityTechnicalAdvisoryCommittee
Bicycle and Pedestrian Committee	ftp://ftp.azmag.gov/BicycleandPedestrianCommittee
Building Codes Committee	ftp://ftp.azmag.gov/BuildingCodesCommittee
Continuum of Care Regional Committee on Homelessness	ftp://ftp.azmag.gov/ContinuumOfCareRegionalCommitteeonHomelessness
Economic Development Committee	ftp://ftp.azmag.gov/EconomicDevelopmentCommittee
Elderly and Persons with Disabilities Transportation Committee	ftp://ftp.azmag.gov/ElderlyandPersonswithDisabilitiesTransportationCommittee
Enhancement Peer Review Group	ftp://ftp.azmag.gov/EnhancementPeerReviewGroup
Human Services Coordinating Committee	ftp://ftp.azmag.gov/HumanServicesCoordinatingCommittee
Human Services Technical Committee	ftp://ftp.azmag.gov/HumanServicesTechnicalCommittee
Intelligent Transportation Systems Committee	ftp://ftp.azmag.gov/IntelligentTransportationSystemsCommittee
Management Committee	ftp://ftp.azmag.gov/ManagementCommittee
Population Technical Advisory Committee	ftp://ftp.azmag.gov/PopulationTechnicalAdvisoryCommittee
Public Safety Answering Point Managers Group	ftp://ftp.azmag.gov/PublicSafetyAnsweringPointManagersGroup
Regional Council	ftp://ftp.azmag.gov/RegionalCouncil
Regional Council Executive Committee	ftp://ftp.azmag.gov/RegionalCouncilExecutiveCommittee
Regional Domestic Violence Council	ftp://ftp.azmag.gov/RegionalDomesticViolenceCouncil
Solid Waste Advisory Committee	ftp://ftp.azmag.gov/SolidWasteAdvisoryCommittee
Standard Specifications and Details Committee	ftp://ftp.azmag.gov/StandardSpecificationsandDetailsCommittee
Street Committee	ftp://ftp.azmag.gov/StreetCommittee
Technology Advisory Group	ftp://ftp.azmag.gov/TechnologyAdvisoryGroup
Transit Committee	ftp://ftp.azmag.gov/TransitCommittee
Transportation Policy Committee	ftp://ftp.azmag.gov/TransportationPolicyCommittee
Transportation Review Committee	ftp://ftp.azmag.gov/TransportationReviewCommittee
Transportation Safety Committee	ftp://ftp.azmag.gov/TransportationSafetyCommittee
Water Quality Advisory Committee	ftp://ftp.azmag.gov/WaterQualityAdvisoryCommittee