

November 29, 2011

TO: Members of the MAG Regional Council

FROM: Mayor Hugh Hallman, City of Tempe, Chair

SUBJECT: MEETING NOTIFICATION AND TRANSMITTAL OF TENTATIVE AGENDA

Meeting - 5:00 p.m.
Wednesday, December 7, 2011
MAG Office, Suite 200 - Saguaro Room
302 North 1st Avenue, Phoenix

Dinner
MAG Office, Suite 200 - Ironwood Room

The next MAG Regional Council meeting will be held at the MAG offices at the time and place noted above. Members of the Regional Council may attend either in person, by videoconference or by telephone conference call. Members who wish to remove any items from the Consent Agenda are requested to contact the MAG office. Supporting information is enclosed for your review. MAG will host a dinner/reception for the Regional Council members following the meeting in the MAG Ironwood Room on the 2nd floor.

Please park in the garage underneath the building. Parking places will be reserved for Regional Council members on the first and second levels of the garage. Bring your ticket to the meeting, parking will be validated. For those using transit, the Regional Public Transportation Authority 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 the MAG office. Requests should be made as early as possible to allow time to arrange the accommodation.

If you have any questions, please call the MAG office.

c: MAG Management Committee

**MAG REGIONAL COUNCIL
TENTATIVE AGENDA
December 7, 2011**

COMMITTEE ACTION REQUESTED

1. Call to Order

2. Pledge of Allegiance

3. Call to the Audience

An opportunity will be provided to members of the public to address the Regional Council on items not scheduled on the agenda that fall under the jurisdiction of MAG, or on items on the agenda for discussion but not for action. Citizens will be requested not to exceed a three minute time period for their comments. A total of 15 minutes will be provided for the Call to the Audience agenda item, unless the Regional Council 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 Regional Council on activities of general interest. Members will hear a report on the recent remodel of the MAG Offices, and are invited to take a tour following the meeting.

5. Approval of Consent Agenda

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

3. Information.

4. Information and discussion.

5. Approval of the Consent Agenda.

ITEMS PROPOSED FOR CONSENT*

MINUTES

*5A. Approval of the October 26, 2011, Meeting Minutes

5A. Review and approval of the October 26, 2011, meeting minutes.

TRANSPORTATION ITEMS***5B. 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.

***5C. 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. The list of projects was recommended for approval by the MAG Transportation Review Committee on October 27, 2011, and by the MAG Management Committee on November 9, 2011. 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.

5B. Information and discussion.

5C. Approval of the listing of selected projects for FY 2012-2014 Highway Safety Improvement Program funds.

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

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. With the available funding, 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 (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. On November 9, 2011, the MAG Management Committee recommended approval of the prioritized list. 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.

5D. 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.

GENERAL ITEMS***5E. 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

5E. 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.

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. On November 9, 2011, the MAG Management Committee recommended approval. Please refer to the enclosed material.

*5F. 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 revisions to the MAG Standard Specifications and Details for Public Works Construction. These revisions have been recommended for approval by the committee and were reviewed by MAG member agency Public Works Directors and/or Engineers, and the MAG Management Committee. It is anticipated that the new 2012 edition will be available for purchase in early January 2012. Please refer to the enclosed material.

*5G. MAG Transportation Safety Committee Vice Chair Appointment

On July 22, 2009, the MAG Regional Council approved the MAG Committee Operating Policies and Procedures. Officer appointments for technical and other policy committees will be made by the MAG Executive Committee and are eligible for one-year terms, with possible reappointment to serve up to one additional term by consent of the respective committee. According to the policies and procedures, the committee's vice chair will ascend to the chair position, and letters of interest were requested for the vice chair positions to be appointed by the Regional Council Executive Committee. A memorandum was sent to the Transportation Safety Committee explaining that the officers of this committee have served their second one-year term. No letters were received for the Vice Chair position of the Transportation Safety Committee. On November

5F. Information and discussion.

5G. Appointment of Renate Ehm, City of Mesa, to serve as Vice Chair of the MAG Transportation Safety Committee beginning January 2012.

14, 2011, the MAG Regional Council Executive Committee recommended that MAG staff reach out to the Transportation Safety Committee members to fill the position of Vice Chair and forward that recommendation to the MAG Regional Council for approval. The name of Renate Ehm, City of Mesa, has been submitted to serve as Vice Chair of the MAG Transportation Safety Committee beginning January 2012. Please refer to the enclosed material.

*5H. Metropolitan Business Planning Initiative Business Consultant Selection

At the November 24, 2011 Regional Council Executive Committee meeting, the consultant selection for the Metropolitan Business Planning Initiative was considered. The Executive Committee selected Elliott D. Pollack and Company to perform tasks one through four (data collection and analytics) for the effort. For tasks five and six (develop the business plan and prospectus), the Executive Committee directed staff to collect more information from the review team regarding their preference for a business consultant if it were to proceed immediately. The review team was consulted and the majority indicated agreement to proceed with Value Point to develop the business plan and prospectus. Please refer to enclosed material.

5H. Approval to select Value Point for tasks five and six to guide the development of the business plan and prospectus with the greater economic development community for an amount not to exceed \$88,000.

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 Regional Council.

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 101 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 submitted 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 issue the final Exceptional Events Guidance in early 2012. MAG is continuing to research legislative remedies regarding the amount of documentation required for exceptional events. With the advice of legal counsel, MAG has prepared some draft legislation to streamline the process by enabling the states and tribes to determine exceptional events, after consultation with the EPA. The goal is to establish a more reasonable exceptional events process for all of those concerned: EPA, states, tribes, and local governments. Following the November 14, 2011, Regional Council Executive Committee meeting, the draft legislative remedy was forwarded to EPA. 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. Please refer to the enclosed material.

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

8. Information and discussion.

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. Legislative Update

An update will be provided on legislative issues of interest.

11. Request for Future Agenda Items

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

12. Comments from the Council

An opportunity will be provided for Regional Council members to present a brief summary of current events. The Regional Council 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

9. Information, discussion and input.

10. Information, discussion, and possible action.

11. Information and discussion.

12. Information.

**MINUTES OF THE
MARICOPA ASSOCIATION OF GOVERNMENTS
REGIONAL COUNCIL MEETING**

October 26, 2011
MAG Office, Saguaro Room
Phoenix, Arizona

MEMBERS ATTENDING

| | |
|---|---|
| * Mayor Hugh Hallman, Tempe, Chair | Mayor Thomas Schoaf, Litchfield Park, Acting Chair |
| # Mayor Marie Lopez Rogers, Avondale, Vice Chair | Supervisor Mary Rose Wilcox, Maricopa Co. |
| # Councilwoman Robin Barker, Apache Junction Vice Mayor Brian McAchran for Mayor Jackie Meck, Buckeye | # Vice Mayor Scott Somers for Mayor Scott Smith, Mesa Vice Mayor Mary Hamway for Mayor Scott LeMarr, Paradise Valley |
| # Mayor David Schwan, Carefree Councilman Dick Esser, Cave Creek | # Mayor Bob Barrett, Peoria |
| # Mayor Jay Tibshraeny, Chandler Mayor Lana Mook, El Mirage | * Vice Mayor Thelda Williams, Phoenix |
| * President Clinton Pattea, Fort McDowell Yavapai Nation | # Vice Mayor Jeff Brown for Mayor Gail Barney, Queen Creek |
| # Mayor Jay Schlum, Fountain Hills | * President Diane Enos, Salt River Pima-Maricopa Indian Community |
| * Mayor Ron Henry, Gila Bend | # Mayor Jim Lane, Scottsdale Mayor Lyn Truitt, Surprise |
| * Governor William Rhodes, Gila River Indian Community Mayor John Lewis, Gilbert | * Mayor Adolfo Gamez, Tolleson |
| # Mayor Elaine Scruggs, Glendale | # Mayor Kelly Blunt, Wickenburg Mayor Michael LeVault, Youngtown |
| # Mayor Georgia Lord, Goodyear | * Felipe Zubia, State Transportation Board |
| # Mayor Yolanda Solarez, Guadalupe | * Victor Flores, State Transportation Board # Roc Arnett, Citizens Transportation Oversight Committee |

* Those members neither present nor represented by proxy.

Attended by telephone conference call. + Attended by videoconference

1. Call to Order

The meeting of the MAG Regional Council was called to order by Acting Chair Thomas L. Schoaf at 5:00 p.m.

2. Pledge of Allegiance

The Pledge of Allegiance was recited.

Acting Chair Schoaf noted that Roc Arnett, Councilmember Robin Barker, Mayor Bob Barrett, Mayor Kelly Blunt, Mayor Jim Lane, Mayor Marie Lopez Rogers, Mayor Georgia Lord, Mayor Jay Schlum, Mayor David Schwan, Mayor Elaine Scruggs, Mayor Yolanda Solarez, Mayor Jay Tibshraeny, Vice Mayor Scott Somers as proxy for Mayor Scott Smith, and Vice Mayor Jeff Brown, as proxy for Mayor Gail Barney, were participating in the meeting by teleconference. He introduced and welcomed Vice Mayor Mary Hamway as proxy for Mayor Scott LeMarr, and Vice Mayor Brian McAchran as proxy for Mayor Jackie Meck.

Acting Chair Schoaf announced that on October 19, 2011, the Transportation Policy Committee recommended approval of Consent Agenda items 5A, 5B, and 5C, and on October 24, 2011, the MAG Continuum of Care Committee on Homelessness approved the recommended projects and consolidated application as presented in the agenda packet.

Acting Chair Schoaf requested that members of the public who would like to comment fill out a blue public comment card for the Call to the Audience agenda item or a yellow public comment card for Consent Agenda items, or items on the agenda for action. He noted that transit tickets for those who used transit to attend the meeting were available from staff.

3. Call to the Audience

Acting Chair Schoaf noted that the Call to the Audience provides an opportunity to members of the audience who wish to speak on items not scheduled on the agenda that fall under the jurisdiction of MAG, or on items on the agenda for discussion but not for action. Citizens are requested to not exceed a three minute time period for their comments. A total of 15 minutes is provided for the Call to the Audience agenda item, unless the Regional Council requests an exception to this limit. Those wishing to comment on agenda items posted for action will be provided the opportunity at the time the item is heard. No requests for public comment were received.

4. Executive Director's Report

Dennis Smith, MAG Executive Director, reported on items of interest to 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 March 2010 when the distressed properties totaled 63,182.

Mr. Smith then provided an update on the multimodal transit tour to Salt Lake City on October 13-14, 2011, hosted by the Utah Transit Authority. He stated that the focus of the tour was economic development through rail, and the group heard about tax increment financing. Mr. Smith noted that Mayor Truitt, Chair of the Transportation Policy Committee, led the group. He commended MAG

Transit Planner, Marc Pearsall, for a job well done in organizing the tour. Mr. Smith stated that a more detailed report would be provided at the December meeting.

Acting Chair Schoaf thanked Mr. Smith for his report. He remarked that he was glad to see the foreclosure numbers have decreased. No questions from the Council for Mr. Smith were noted.

5. Approval of Consent Agenda

Acting Chair Schoaf noted that agenda items #5A, #5B, #5C, #5D, #5E, #5F, #5G, and #5H were on the Consent Agenda. He noted that no public comment cards had been received. Acting Chair Schoaf asked members if they had questions or requests to hear an item individually. None were noted.

Mayor Truitt moved to approve the Consent Agenda. Councilmember Esser seconded, and the motion passed unanimously.

5A. Approval of the September 21, 2011, Meeting Minutes

The Regional Council, by consent, approved the September 21, 2011, meeting minutes.

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

The Regional Council, by consent, approved 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 requested modifications on September 22, 2011, the MAG Management Committee recommended approval on October 12, 2011, and the Transportation Policy Committee recommended approval on October 19, 2011.

5C. Unprogrammed Federal Transit Fund Balances

The Regional Council, by consent, approved reprogramming \$3,581,528 of 5307 and Surface Transportation Program (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 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, the MAG Transportation Review Committee recommended approval on September 22, 2011, the MAG Management Committee on October 12, 2011, and the Transportation Policy Committee recommended approval on October 19, 2011.

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

The Regional Council, by consent, approved 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. The project sponsors have requested deferrals, which can be found in Table 1. 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. Project change information and requests to add new ADOT federal fund projects can be found in Table 2. The MAG Transportation Review Committee recommended approval on September 22, 2011, the MAG Management Committee recommended approval on October 12, 2011, and the Transportation Policy Committee recommended approval on October 19, 2011.

5E. Conformity Consultation

The Maricopa Association of Governments conducted consultation on a conformity assessment for an amendment and administrative modification to the 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.

5F. 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 FY 2011-2015 MAG Transportation Improvement Program and the Regional Transportation Plan 2010 Update. Comments regarding this material were requested by October 21, 2011.

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

A status report is being 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.

5H. 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 were provided to MAG Management Committee and MAG Regional Council members for information. The final consolidated application was approved by the MAG Continuum of Care Regional Committee on Homelessness on October 24, 2011. 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 the status of freeway/highway, arterial street, and transit projects included in Proposition 400, and to hold a public hearing. Mr. Herzog noted that an executive summary of the key points was sent with the agenda and a copy of the full report is available on the MAG website. A public hearing on the annual report findings will be held by MAG in November at the MAG office.

Mr. Herzog stated that at the end of fiscal year (FY) 2010, a rebalancing of costs and revenues in the life cycle programs was accomplished. He said that 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 summarized the projected deficits: the freeway/highway program is approximately \$453 million, the arterial streets program is approximately \$196 million, and the transit program is approximately \$581 million. He added that these projected deficits are lower than the deficits encountered in 2010. Mr. Herzog advised that work on rebalancing the freeway/highway and transit programs is anticipated through calendar 2011.

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 transportation revenue collections are projected to remain at a lower rate, and federal transportation funding remains an ongoing issue. He stated that project scope/cost updates and program adjustments, such as value engineering, will need to be pursued on a continuing basis to maintain balanced programs in all modes. He reported that the consultant, hired by the State Auditor General, is completing work on the Proposition 400 Performance Audit and the report is expected during the fall of 2011. Mr. Herzog noted that MAG is required to hold a public hearing on the audit findings within 45 days of release of the audit. 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 written recommendations regarding the findings of the audit within 45 days of its release.

Acting Chair Schoaf thanked Mr. Herzog for his report. No questions from the Council were noted.

7. Draft Federal Fund Programming Guidelines and Procedures

Eileen Yazzie, MAG Project Manager, reported that in 2009, the MAG 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.

Ms. Yazzie stated that initially, staff evaluated the local sponsored federal aid project processes of six peer MPOs – Dallas/Fort Worth, Seattle, Denver, Portland, Salt Lake City, and Atlanta. She remarked that after the evaluation, it was apparent that the other agencies were doing a lot to ensure federal funds are spent, such as continuous project monitoring, and the MAG region was not. Ms. Yazzie stated that some organizations limit deferrals to one occurrence, or having investigative teams who make recommendations if a delayed project should be deleted or stay in the program with a later schedule.

Ms. Yazzie then addressed the revised guidelines address the local financial commitment,. Once a project has been approved for inclusion in the Transportation Improvement Program (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 delivery schedule; showing continuous progress; and submitting a progress report every six months. Ms. Yazzie stated that if the revised guidelines are approved, the status report will be an action item on MAG committee agendas every six months to see if projects need to be moved into a different year, deferred or deleted.

Ms. Yazzie 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.

Ms. Yazzie noted that the revised guidelines recommend changing the federal and local participation rate for bicycle, pedestrian, and intelligent transportation system (ITS) projects from 70 percent federal/30 percent local to the maximum federal rate of 94.3 percent federal/5.7 percent local. This would be a change in the Regional Transportation Plan (RTP) funding participation policy. Ms. Yazzie noted that in the years after the RTP was approved in 2003, there was sufficient local revenue for projects, which meant that less federal revenue would need to be applied and more projects could be funded. With the downturn in the economy, it was suggested that projects receive the maximum federal funding amount which would lessen the burden on local governments. Ms. Yazzie stated that the biggest detriment is that federal funding would go to fewer projects.

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 and discussion of the implementation at the technical committees. She said that if approved, implementation of this process will begin with the October 27 Transportation Review Committee meeting.

Acting Chair Schoaf thanked Ms. Yazzie for her report and asked members if they had questions.

Supervisor Wilcox expressed that she thought there needed to be flexibility for second requests, due to factors with the economy and small towns. She asked who would grant exemptions. Ms. Yazzie replied that an agency requesting deferral for a second time would be asked for documentation and the reason for the request. She said that the requests would proceed through the MAG committee process.

Supervisor Wilcox moved approval of the Draft Federal Fund Programming Guidelines and Procedures. Mayor LeVault seconded.

Before a vote was taken, Acting Chair Schoaf expressed his appreciation for Supervisor Wilcox's comments. He said that as a small city, Litchfield Park has had a project deferred multiple times. Acting Chair Schoaf stated that the City's deferral requests are sometimes due to needing additional funding and sometimes due to the inability to move the project through ADOT in a reasonable amount of time. He noted that one project, with no changes, has been at ADOT for one year. Acting Chair Schoaf stated that he was glad the flexibility was built in so the capability to defer a project is there if needed.

With no further discussion, the vote on the motion passed unanimously. Acting Chair Schoaf thanked Ms. Yazzie for her hard work on the effort.

8. The Future of Federal Transportation Funds

Eric Anderson, MAG Transportation Director, provided a report on the future of federal transportation funds. He noted that the Regional Transportation Plan is funded by the regional sales tax, state sources and federal funds. Mr. Anderson stated that the regional sales tax has been affected by the downturn in the economy, and currently, revenue collections are at 2004 and 2005 levels. He added that the state budget is not in good shape, the Highway User Revenue Fund is down, gas tax revenue is down, and the vehicle license tax is flat. He remarked that the legislature has transferred transportation funds to other uses, which has reduced ADOT's bonding capacity, and this impacts ADOT's match for federal funds.

Mr. Anderson stated that federal funds were the most stable source of funding until now. He explained that the federal transportation authorization expired September 30, 2009, and Congress has passed a continuing resolution so that funding would continue to March 2012. Mr. Anderson cautioned that without the continuing resolution, the federal gas tax revenue and other federal transportation revenues, representing about \$100 billion per day, would have ceased. Mr. Anderson stated that Congress also did an appropriation to fund the federal transportation law through November 2011 at the current level of funding. He said that the debate in Congress right now is whether to do short term bill at a lower level of funding or a longer term, multi year bill.

Mr. Anderson stated that federal transportation spending is approximately 30 percent greater than revenue and Congress has infused funding from the Treasury to the Highway Trust Fund over the past couple of years to keep it solvent. He stated that one option being considered is to keep federal transportation spending within the limits of revenue, about a 30 percent cut. Mr. Anderson indicated that there are a lot of efforts to find additional revenue, but with a \$1.5 trillion budget deficit, there are not many sources to take funding from, and there is not much appetite to increase the federal gas tax. He stated that the Budget Deficit Commission is due to make recommendations soon and if Congress does not take positive action on the recommendations and a vote on the balanced budget amendment, automatic cuts will occur. Mr. Anderson stated that the direction of appropriations could be known in a couple of weeks and additional revenue is not expected, so staff is doing contingency planning in case there are cuts. He indicated that as of now the impacts to the projects and the program are unknown, and there is a lot of concern regarding the number of federal programs, currently about 100, being reduced to 10 or 15 programs.

Acting Chair Schoaf thanked Mr. Anderson for his report and remarked that this an area of concern for everyone. He asked the Council if they had questions.

Councilman Esser asked for clarification of when the appropriations is anticipated. Mr. Anderson replied that Congress passed an appropriations bill through November 2011 and Congress must pass some sort of budget bill in order to continue the appropriations past that date, otherwise everything will shut down like it did with the FAA this summer. Mr. Anderson added that it is unknown if there will be new funding, a continuation of the current level of funding, or a ratcheting down to meet revenue.

9. Update on Interstate 11 and the Punta Colonet Port and Potential Arizona Rail Crossing

Mr. Anderson then reported on two potential major projects that could have implications for Arizona and the metro Phoenix area. He said that the Punta Colonet deep water port in Baja, Mexico, has been proposed for decades. He noted that the Mexican director of planning has been charged by Mexico's President Calderon to make this project happen before his term ends in about 13 to 14 months. Mr. Anderson stated that the Punta Colonet project could be important to the economic future of Mexico, and he thought Arizona was poised to take advantage of the opportunity. He stated that there are two class one railroads serving Arizona, the BNSF and the Union Pacific, and strong connections with a potential Interstate 11.

Mr. Anderson then reported on the proposed Interstate 11. He said that this new highway corridor resulted from the Hassayampa Framework Study to connect Wickenburg to I-10. Mr. Anderson noted that an Interstate 11 corridor could benefit Phoenix and Las Vegas, and then the corridor was extended to connect Las Vegas to Reno. He said that the Nevada Department of Transportation is very interested in a freeway to connect Las Vegas with Reno.

Mr. Anderson stated that the concept was taken even further to continue the corridor to the Pacific Northwest. He noted on a map the boxes that showed how a potential Interstate 11 could link military installations along the corridor, and could also provide a viable bypass to Interstate 5, which is congested and reaching capacity. Mr. Anderson stated that the California Department of Transportation and California's Senator Boxer also are interested in Interstate 11 because of the reliever aspect.

Mr. Anderson stated that Interstate 11 also could serve as the Canamex Corridor extending from Mexico through Arizona and Nevada to the Pacific Northwest and Canada. He reported that MAG and its partners have been working toward the designation of the corridor by Congress as an interstate. He said that many of the more recently designated interstates have been in the eastern United States, and the time has come for the western United States to receive such improvements.

Mr. Anderson stated that the Nevada State Assembly passed a resolution of support and Nevada's Senator Reid supports the designation. He noted that Governor Jan Brewer wrote a letter in February directing ADOT to begin environmental studies for the first portion of Interstate 11 between Interstate 10 and Wickenburg. He said that since then, the corridor has lengthened and ADOT will be doing a major corridor feasibility study to understand the purpose and need of the facility. Mr. Anderson further explained that freight will be a major component of the study, which is a joint project of the Arizona and Nevada departments of transportation. He added that the Nevada Department of Transportation contributed significant funding for the study. Mr. Anderson noted that ADOT will do the environmental impact statement following the study's completion.

Mr. Anderson stated that the Brookings Institution requested that MAG submit Interstate 11 as a transformative investment project. He explained that Brookings' goal is to identify public sector projects around the country that could transform the economic landscape. Mr. Anderson advised that the Interstate 11 project was one of 15 transformative investment projects selected by Brookings nationwide. He reported that there is an upcoming meeting in Colorado Springs where all of the partners of the projects, investors, and the transportation community will participate. Mr. Anderson stated that the goal is to find investment funds for these projects. He remarked that Interstate 11 has national significance as a major freight corridor, has many aspects that would make it a good investment for the country, and could provide opportunities for public/private partnerships.

Acting Chair Schoaf thanked Mr. Anderson for his report and asked members if they had questions.

Mayor Lewis asked if lack of support to extend Interstate 11 to Canada would hinder the ability to go from Phoenix to Las Vegas. Mr. Anderson replied that he thought as the corridor would be shortened, it becomes more of a western project than a national project. He stated that they see a need for a highway to connect I-10 to Wickenburg, but this is in the distant future. Mr. Anderson stated that completion of

the project could happen sooner if federal funding is received. He said that the Phoenix to Las Vegas corridor is doable project even if the other components do not happen, and he added that ADOT has been making improvements to US-93 that will allow it to be configured as an interstate in the future.

Mayor Lewis asked if any of Arizona's federal leaders supported the designation. Mr. Anderson replied that some of the Congressional delegation see the designation as an earmark. He said that he thought staff effectively has conveyed it is a designation and not an earmark, and he added that there seems to be a lot of bipartisan support for Interstate 11, and it helps to have the support of California.

Mr. Smith stated that some people are concerned that Interstate 11 will compete for federal funding with other projects, such as the Interstate 10 reliever. Mr. Anderson replied that concerns have been raised that it will take the future funding coming to the region. He said that this is a national project and will happen based on other resources. He mentioned that a public/private partnership is one option. Mr. Anderson stated that they feel it has national significance, especially the freight component, and using any significant amount of regional funds would probably not be recommended. He added that a highway to connect Wickenburg to I-10 is decades away. Mr. Anderson remarked that from a regional perspective, staff feels it is a lower priority, from a state perspective it is probably a higher priority, and from a national perspective, they feel it is a high priority.

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

Lindy Bauer, MAG Environmental Director, provided an update on the MAG Five Percent Plan Plan for PM-10 and the activities to prevent PM-10 exceedances at the monitors and throughout the region. She said that this year, 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 the Arizona Department of Environmental Quality (ADEQ) is the agency responsible for documentation of the exceptional events and this has generated a great deal of work for the agency. She said that staff from Maricopa County Air Quality Division and MAG have been assisting ADEQ in preparing the documentation. She stated that ADEQ is anticipated to send the documentation on the first batch of documentation for July 2 to July 8, to the Environmental Protection Agency (EPA) by the end of the week for comments. Ms. Bauer noted that the documentation requires extensive staff work.

Ms. Bauer stated that one year ago, the EPA Region IX Administrator indicated that the exceptional events rule was flawed, but the agency had to use it. She said that on May 2, 2011, EPA issued draft guidance to help streamline the process, but it has not been helpful to the MAG region, the state, or Westar. Ms. Bauer stated that EPA intends to issue revised guidance in November.

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. Ms. Bauer said that one suggested idea is to have states make the determination on exceptional events in consultation with the EPA. She reported that under the draft guidance, the state submits the

documentation to EPA, which returns a preliminary response in about 120 days and a determination in approximately 18 months, which is a long time. Ms. Bauer noted that the states know their own meteorology, terrain, their weather patterns, and perhaps they should make the determinations on their exceptional events in consultation with EPA. She stated that the MAG region implements a similar, federally developed process with transportation conformity. Ms. Bauer stated that after Regional Council approval, the conformity analyses for the Transportation Improvement Program and Regional Transportation Plan are sent to the U.S. Department of Transportation, which makes a finding of conformity in consultation with EPA.

Ms. Bauer stated that San Joaquin Valley Unified Air Pollution Control District estimates that 453 staff hours are expended on preparing the documentation for one high wind exceptional event. She advised that because this region has had 19 days on which exceedances occurred, this means 1,075 work days for the MAG region to prepare its documentation. Ms. Bauer noted that this is an example of the workload required.

Ms. Bauer stated that the City of Phoenix designed a brochure to help in outreach efforts to control dust, called "Dust Hurts." She said that the brochure has been provided to the Air Quality Technical Advisory Committee and the Management Committee. Ms. Bauer expressed her appreciation to the City of Phoenix for developing the brochure.

Ms. Bauer stated that the air quality modeling attainment demonstration is proceeding well. She advised that the EPA approved MAG's conceptual approach.

Ms. Bauer said that in July, she reported that the EPA said MAG could take credit for the city, county and state measures in the plan, and staff understood additional measures would not be needed. Ms. Bauer stated that MAG thought it would be able to resubmit the plan it had withdrawn. She advised that MAG is now receiving conflicting information from EPA. Ms. Bauer stated that one person at EPA says that EPA does not want the local commitments, ordinances, and rules in the plan and EPA only wants to see those items MAG is taking numeric credit for in the plan. She said that another EPA person said the ordinances needed to be included in the plan and make them federally enforceable if the statute that includes the ordinances is included in the plan. Ms. Bauer stated that MAG staff sent an email to EPA pointing out the conflicting information and indicating that time is short and MAG needs to submit the plan to EPA in time to turn off the sanctions clocks.

Ms. Bauer stated that ADEQ is now leaning toward not including the municipal ordinances in the plan to be submitted to EPA. She remarked that cities have to make changes to their ordinances from time to time, which would require that MAG keep submitting revisions to the plan. Ms. Bauer stated that MAG has not modeled the ordinances for numeric credit because the impact is too small, and they are covered by the rule effectiveness for the Maricopa County Rule 310.01.

Ms. Bauer stated that Arizona State Legislator, Representative Reeve, has a Five Percent Plan Stakeholders Group. She said that Representative Reeve requested from MAG a list of the all city ordinances, their numbers, and adoption dates. Ms. Bauer stated that Representative Reeve has been hearing, mostly from the private sector, that the cities are not doing much for the plan, got off easy, and

are not enforcing their ordinances. Ms. Bauer stated that at Representative Reeve's request, MAG staff sent a form to the cities asking how they are enforcing their ordinances. She stated that Representative Reeve is very interested in the processes cities use to enforce their ordinances.

Ms. Bauer reported that there was discussion at the last Five Percent Plan Stakeholders Group meeting regarding possible legislation that includes a requirement to pave a specified number of roads per year. Ms. Bauer stated that this afternoon, Representative Reeve had called and clarified that she is not on a witch hunt, but wants the information to show to the stakeholders that the cities are enforcing their ordinances. She stated that Representative Reeve also wanted to clarify that she does not want to pave the desert and she thinks that the Maricopa County rule that a road is required to be paved or stabilized after reaching a threshold of 150 average daily trips is sufficient. Ms. Bauer expressed her appreciation for the cities providing the enforcement information requested.

Ms. Bauer reported on the lawsuit filed by the Arizona Center for Law in the Public Interest against the state and Legislature for repealing the Local Transportation Assistance Fund (LTAF) in 2010 due to the bad economy. She stated that court ruling that was issued indicated that LTAF funding requirement for air quality plans remains in full force. Ms. Bauer stated that 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.

Acting Chair Schoaf thanked Ms. Bauer for her report. No questions from the Council were noted.

11. 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 to the region's 25 Public Safety Answering Points (PSAPs) 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 swept \$53 million in 9-1-1 funds to balance the state general fund, leaving the 9-1-1 fund depleted.

Ms. Graeber stated that due to the fund's depletion, the ADOA has notified MAG that no new capital equipment purchases would be funded. 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 Regional Council today. It totals \$9.8 million and includes network and maintenance costs and \$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 program for new equipment and aging equipment. She noted that the MAG 9-1-1 Office tries to be proactive by replacing the equipment before it fails. Ms. Graeber explained that the biggest concern is for the Maricopa County Sheriff's Office

because its equipment is 11 years old. She noted it is one of the busier PSAPs and contracts with some communities to provide 9-1-1 service.

Ms. Graeber stated that 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 region's 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 affect the level of 9-1-1 service.

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

Mr. Smith noted that Ms. Graeber had mentioned Maricopa County Sheriff's Office. He asked about the ability to repair the equipment when it gets that old and it becomes substandard then it becomes an issue whether the funds should be swept. Ms. Graeber replied that the issue the Maricopa County Sheriff's Office is facing is the vendor will eventually stop providing support and parts will become unavailable. She said that this will result in the equipment becoming more unreliable. Ms. Graeber stated that they do not want downtime for any 9-1-1 system and that is why they have a proactive replacement schedule.

Supervisor Wilcox stated that they are aware of this issue at the County and recently approved a piece of equipment to extend the life of the old equipment. She added that matching funds from the state is an important issue and they are monitoring the situation. Supervisor Wilcox stated that the County supports 9-1-1 and is relocating the center to a new location. She said they would prefer to make the move with new equipment and not have to relocate the old equipment.

Supervisor Wilcox moved approval of the MAG FY 2013 Public Safety Answering Point Annual Element/Funding Request and FY 2013-2017 Equipment Program. Councilmember Esser seconded.

Acting Chair Schoaf asked for clarification that the budget seeking approval included no new equipment but maintenance of the old equipment. Ms. Graeber replied that was correct; the only items being funded would be maintenance and network costs. She stated that the budget does, however, include allowable capital projects in the hope that funding might become available and they could take action if approved by MAG.

Supervisor Wilcox requested a report on the status of 9-1-1 as the County will be replacing its 9-1-1 equipment.

With no further discussion, the vote on the motion passed unanimously.

12. Domestic Violence Awareness Month Activities

Amy St. Peter, MAG Human Services Manager, reported on activities during Domestic Violence Awareness Month. 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 spoke of the impacts of domestic violence on thousands of people. She said that domestic violence awareness month offers an opportunity to provide resources, information, and assistance in a more public way and draws attention to the progress made, as well as the work needing to be done. Ms. St. Peter encouraged promotion of activities on community websites, in meetings, and through networks.

Ms. St. Peter stated that the MAG Regional Domestic Violence Council has provided leadership in this area for more than ten years. Ms. St. Peter stated that in May 2011, the Regional Council 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 with funding provided by the Governor's Office, 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 MAG hosted a free training on the new protocol model on October 20, 2011, at the Wyndham Hotel in Phoenix. She noted that approximately 200 people attended the event.

Ms. St. Peter stated that the program has applied for STOP grant funding from the Governor's Office this year. She extended her appreciation to all of the partners and expressed that all are welcome to participate to find the best ways to reach the project's full potential.

Acting Chair Schoaf thanked Ms. St. Peter for her report and asked members if they had questions.

Supervisor Wilcox noted that the National Association of Counties recently bestowed an award to Judge Carrillo of the West Valley Courts for developing a simple, yet effective process where victims of domestic violence could testify on video. She said that this removes a lot of the fear that domestic violence victims have when they testify. Supervisor Wilcox stated that this process is now spreading to other courts. She expressed to Ms. St. Peter that the program is doing a great job and she was glad the Justice of the Peace courts were participating. Ms. St. Peter noted that Judge Carrillo attended the training last week and is an ardent supporter of the domestic violence project.

13. 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 reported that the Arizona Department of Transportation will now be represented by Floyd Roehrich on the EDC. Ms. McClafferty stated that the current representative, John McGee, is retiring.

Ms. McClafferty stated that at the September 6, 2011, meeting, the EDC was provided an update on the MAG Freight Transportation Framework Study by Parsons Brinckerhoff, and an update on the Trucking Industry by representatives from the Arizona Trucking Association and Swift Transportation. She said that the presentation revealed observations that Arizona needs to be marketed because nobody knows

about Arizona's competitive advantage of infrastructure and quality workforce; SR-189 needs to be a priority to improve the efficiency of traffic flow at the border; truck permits are not coordinated with local and county governments; and foreign trade zones would optimize trade with Mexico through the Sun Corridor.

Ms. McClafferty stated that the official launch of the Metropolitan Business Planning Initiative took place at the October 4, 2011, meeting. She added that Amy St. Peter would provide additional detail in her segment of the presentation.

Ms. McClafferty then reviewed current EDC activities. She said that the Greater Phoenix Rising website is a partnership between MAG and the Greater Phoenix Economic Council to develop a data system for economic development. Ms. McClafferty stated that the website, which will be officially launched at the November 1, 2011, EDC meeting, will provide regional information that will assist businesses interested in opportunities in Arizona.

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 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. She said they 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 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. One thought is to develop a database where suppliers could log on and update their information and core competency areas. Ms. McClafferty stated that the Arizona Commerce Authority is taking the lead on putting together a working group that will develop a scope of work for a request for proposals to do this work.

Ms. McClafferty stated that some of the EDC projects, such as nearshoring, 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 said that the Executive Committee expressed support for the Thunderbird School effort at its October 17, 2011, meeting.

Ms. McClafferty reported that in addition to the launch of the Greater Phoenix Rising website at the November 1 EDC meeting, a representative from the U.S. Department of Commerce will provide a report on the National Export Initiative and the services offered by the U.S. Department of Commerce to Arizona companies wanting to begin or increase export activities. She explained that Gold Key

Services is a program where companies travel to a target market and meet with potential agents, distributors, sales representatives and other business partners.

Amy St. Peter continued the presentation with an update on the Metropolitan Business Planning Initiative, which was launched at the October 4, 2011, EDC meeting. Ms. St. Peter expressed appreciation to Mayor Hallman, Mayor Schoaf, and Mayor Smith for their time and to GPEC as a primary partner on the project. She said that presentations by the Brookings Institution and the Leadership Advisory Team were given at the meeting.

Ms. St. Peter stated that a work session and a leadership luncheon with the Brookings consultant were held at MAG to help set the direction of the project. She thanked Mayor Schoaf, Mayor Smith, Mayor Lewis, Mayor LeVault, and Councilmember Sellers for attending the luncheon. Ms. St. Peter stated that the luncheon was also attended by CEOs invited by GPEC, members of the MAG Economic Development Committee, and members of the Leadership Advisory Team.

Ms. St. Peter reported that the work session was attended by a mixture of municipal staff, private sector representatives, civic organizations, academic representatives, the Leadership Advisory Team, and Brookings consultants. She stated that an analysis was presented by MAG and GPEC about the five leverage points organized by Brookings. The group delved into the data and determined highlights, the story of the region's economy, and areas for future focus.

Ms. St. Peter noted that GPEC and MAG staff are working through the next steps with a heavy concentration on human capital, innovation, and clusters. The work will be presented to Brookings and the other regions in this round at meeting in Washington, DC, in December. Ms. St. Peter remarked that feedback from Brookings and the attendees has been very positive and considerable progress has been made in defining the overview of the region's economy.

Ms. St. Peter stated that a Request for Proposals was issued last month to solicit a business consultant to assist with the plan. She said that two firms submitted proposals and the applications are in the review process with a recommendation being developed.

Ms. St. Peter stated that the end goal is to develop a business plan for a lead initiative that has the potential to transform the region's economy. She requested that members contact her with questions, suggestions, or concerns. Ms. St. Peter commented that they are striving to make the sure the plan is responsive to member agency needs and priorities.

Acting Chair Schoaf thanked Ms. St. Peter for her report. He said that staff have been extremely busy with the EDC. Acting Chair Schoaf stated that as someone who has been heavily involved in the EDC, it was gratifying to see the partnerships and networks being formed between agencies and groups who have not interacted with each other before. He stated that a good example is the Thunderbird School of Global Management, which is a resource not taken advantage of by many. Acting Chair Schoaf stated that Thunderbird School, along with the Maricopa Community Colleges, are at the EDC table.

No questions from the Council were noted.

14. Request for Future Agenda Items

Topics or issues of interest that the Regional Council would like to have considered for discussion at a future meeting were requested. No requests for future agenda items were noted.

15. Comments from the Council

An opportunity was provided for Regional Council members to present a brief summary of current events. The Regional Council 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. No comments were noted.

Adjournment

There being no further business, Mayor Truitt moved, and Mayor Lewis seconded the motion to adjourn the meeting at 6:15 p.m.

Chair

Secretary

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.

| | 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.



Transportation
Division



The RTP dedicates approximately 3.65% percent of the ALCP RARF funds for planning and implementation studies in the region. The funding allocated for implementation studies is contingent on RARF revenue collections. As a result, the amounts programmed in the ALCP are estimates derived the Arizona Department of Transportation (ADOT) RARF Revenue Forecasts published annually. The remaining regional budget for the implementation studies fluctuate 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

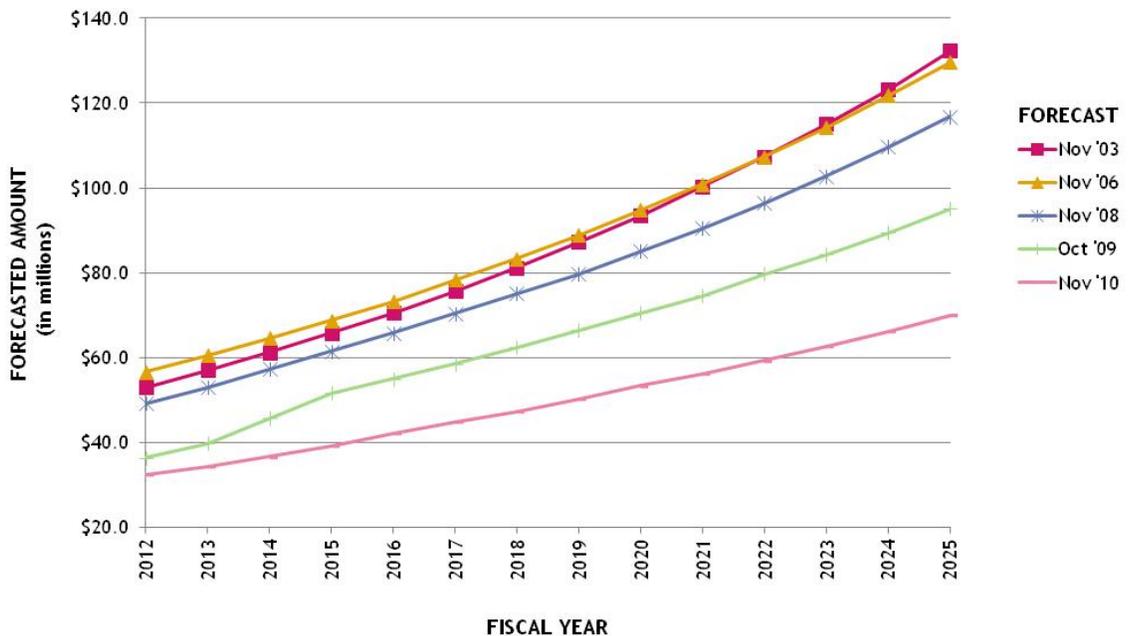
April 2011 – September 2011



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. (201\$) | Est. Reimb FY13-FY26 (201\$) | Total Reimb FY06-FY26 (201\$, YOE\$) | Unfunded Due to Deficit (201\$) | Expend through FY11 (YOE\$) | Estimated Future Expend FY12-FY26 (201\$) | Total Expend FY06-FY26 (201\$, 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 (YOES) | FY 2012 Est. Reimb. (2011\$) | Est. Reimb FY13-FY26 (2011\$) | Total Reimb FY06-FY26 (2011\$, YOES) | Unfunded Due to Deficit (2011\$) | Expend through FY11 (YOES) | Estimated Future Expend FY12-FY26 (2011\$) | Total Expend FY06-FY26 (2011\$,YOES) | | | |
| | 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 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 | | | | | | | | | | | |
| 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 | |
| Northside 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 29, 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:

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

PRIOR COMMITTEE ACTIONS:

The MAG Management Committee recommended approval of the list of proposed HSIP projects on November 9, 2011.

MEMBERS ATTENDING

- Charlie Meyer, Tempe, Chair
- Karen Peters for David Cavazos, Phoenix
- # Matt Busby for George Hoffman, Apache Junction
- Charlie McClendon, Avondale
- # Stephen Cleveland, Buckeye
- # Gary Neiss, Carefree
- Wayne Anderson for Usama Abujbarah, Cave Creek
- Patrice Kraus for Rich Dlugas, Chandler
- Spencer Isom, El Mirage
- Alfonso Rodriguez for Phil Dorchester, Fort McDowell Yavapai Nation
- # Julie Ghetti, Fountain Hills
- Rick Buss, Gila Bend
- * David White, Gila River Indian Community
- Patrick Banger, Gilbert
- Horatio Skeete for Ed Beasley, Glendale

- Romina Khananisho for John Fischbach, Goodyear
- Bill Hernandez, Guadalupe
- Darryl Crossman, Litchfield Park
- Christopher Brady, Mesa
- David Andrews for Jim Bacon, Paradise Valley
- Carl Swenson, Peoria
- # John Kross, Queen Creek
- * Bryan Meyers, Salt River Pima-Maricopa Indian Community
- David Richert, Scottsdale
- Chris Hillman, Surprise
- Reyes Medrano, Tolleson
- # Stephanie Wojcik, Wickenburg
- # Lloyce Robinson, Youngtown
- Kwi Sung Kang for John Halikowski, ADOT
- Kenny Harris for David Smith, Maricopa Co.
- David Boggs, Valley Metro/RPTA

* Those members neither present nor represented by proxy.
 # Participated by telephone conference call. + Participated by videoconference call.

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

* 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 29, 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. On November 9, 2011, the MAG Management Committee recommended approval of the prioritized list.

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 October 27, 2011 MAG Air Quality Technical Advisory Committee meeting and November 9, 2011 MAG Management 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:

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:

Management Committee: On November 9, 2011, the MAG Management 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

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

* Those members neither present nor represented by proxy.
Participated by telephone conference call. + Participated by videoconference call.

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

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.

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.

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

DATE:

November 29, 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:

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:

On November 9, 2011, the MAG Management Committee 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.

MEMBERS ATTENDING

Charlie Meyer, Tempe, Chair
Karen Peters for David Cavazos, Phoenix

Matt Busby for George Hoffman,
Apache Junction
Charlie McClendon, Avondale

Stephen Cleveland, Buckeye
 # Gary Neiss, Carefree
 Wayne Anderson for Usama Abujbarah,
 Cave Creek
 Patrice Kraus for Rich Dlugas, Chandler
 Spencer Isom, El Mirage
 Alfonso Rodriguez for Phil Dorchester,
 Fort McDowell Yavapai Nation
 # Julie Ghetti, Fountain Hills
 Rick Buss, Gila Bend
 * David White, Gila River Indian Community
 Patrick Banger, Gilbert
 Horatio Skeete for Ed Beasley, Glendale
 Romina Khananisho for John Fischbach,
 Goodyear
 Bill Hernandez, Guadalupe

Darryl Crossman, Litchfield Park
 Christopher Brady, Mesa
 David Andrews for Jim Bacon,
 Paradise Valley
 Carl Swenson, Peoria
 # John Kross, Queen Creek
 * Bryan Meyers, Salt River Pima-Maricopa
 Indian Community
 David Richert, Scottsdale
 Chris Hillman, Surprise
 Reyes Medrano, Tolleson
 # Stephanie Wojcik, Wickenburg
 # Lloyce Robinson, Youngtown
 Kwi Sung Kang for John Halikowski, ADOT
 Kenny Harris for David Smith, Maricopa Co.
 David Boggs, Valley Metro/RPTA

* Those members neither present nor represented by proxy.
 # Participated by telephone conference call. + Participated by videoconference call.

On November 1, 2011, the MAG Population Technical Advisory Committee 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
 * Jim Bacon, Paradise Valley, Chair
 Tracy Clark, ADOT
 * Bryant Powell, Apache Junction
 # Adam Zaklikowski for Andrea Marquez,
 Buckeye
 * DJ Stapley, Carefree
 * Usama Abujbarah, Cave Creek
 # David de la Torre, Chandler
 * Mark Smith, El Mirage
 # Ken Valverde, Fountain Hills
 Thomas Ritz, Glendale
 # Joe Schmitz for Katie Wilken, Goodyear
 * Gino Turrubiarres, Guadalupe
 * Rick Buss, Gila Bend

Linda Edwards for Kyle Mieras, Gilbert
 # Sonny Culbreth, Litchfield Park
 * Matt Holm, Maricopa County
 Wahid Alam, Mesa
 * Ed Boik, Peoria
 Chris DePerro, Phoenix
 # Dave Williams, Queen Creek
 * Bryan Meyers, Salt River Pima-Maricopa
 Indian Community
 * Eddie Lamperez, Scottsdale
 # Lloyd Abrams, Surprise
 # Arlene Palisoc for Lisa Collins, Tempe
 * Anne McCracken, Valley Metro
 * Lloyce Robinson, Youngtown

*Those not present # Participated via audioconference

On November 1, 2011, the MAG Population Technical Advisory Committee Ad Hoc Subcommittee 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
 # David de la Torre, Chandler

Thomas Ritz, Glendale
 Wahid Alam, Mesa

Chris DePerro, Phoenix
 * Lisa Collins, Tempe

* Matt Holm, Maricopa County

* 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 29, 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, and a voting summary 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 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 Regional Council is requested.

ACTION NEEDED:

Information and discussion.

PRIOR COMMITTEE ACTIONS:

The MAG Management Committee reviewed the proposed update as part of the consent agenda at the November 9, 2011 meeting.

MEMBERS ATTENDING

- Charlie Meyer, Tempe, Chair
- Karen Peters for David Cavazos, Phoenix
- # Matt Busby for George Hoffman, Apache Junction
- Charlie McClendon, Avondale
- # Stephen Cleveland, Buckeye
- # Gary Neiss, Carefree
- Wayne Anderson for Usama Abujbarah, Cave Creek
- Patrice Kraus for Rich Dlugas, Chandler
- Spencer Isom, El Mirage
- Alfonso Rodriguez for Phil Dorchester, Fort McDowell Yavapai Nation
- # Julie Ghetti, Fountain Hills
- Rick Buss, Gila Bend
- * David White, Gila River Indian Community
- Patrick Banger, Gilbert
- Horatio Skeete for Ed Beasley, Glendale

- Romina Khananisho for John Fischbach, Goodyear
- Bill Hernandez, Guadalupe
- Darryl Crossman, Litchfield Park
- Christopher Brady, Mesa
- David Andrews for Jim Bacon, Paradise Valley
- Carl Swenson, Peoria
- # John Kross, Queen Creek
- * Bryan Meyers, Salt River Pima-Maricopa Indian Community
- David Richert, Scottsdale
- Chris Hillman, Surprise
- Reyes Medrano, Tolleson
- # Stephanie Wojcik, Wickenburg
- # Lloyce Robinson, Youngtown
- Kwi Sung Kang for John Halikowski, ADOT
- Kenny Harris for David Smith, Maricopa Co.
- David Boggs, Valley Metro/RPTA

* Those members neither present nor represented by proxy.

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

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 Kandarlis, SRP Engineering

The MAG Public Works Directors/Engineers reviewed the proposed updates, and submitted no comments.

CONTACT PERSON:

Gordon Tyus, MAG, (602) 452-5035

2011 PROPOSED REVISIONS TO MAG SPECIFICATIONS AND DETAILS SUMMARY

Page 1 of 11

(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>)

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|---------|---|---------------------|-----------------|--------------------------|-------------------------------|-------------------|-------------------------------------|
| 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

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

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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 Kandaris | 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

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

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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

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

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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

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

| | | | | | | | |
|--------------|---|--------------------|---------------|--------------------------|-------------------------------|-------------------|-------------------------------------|
| 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

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

| | | | | | | | |
|---------|--|----------------------|--------------------|--------------------------|-------------------------------|-------------------|-------------------------------------|
| 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

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

| | | | | | | | |
|--------------|--|----------------------|--------------------|--------------------------|-------------------------------|-------------------|-------------------------------------|
| 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)

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*: Indicates changes made to proposal prior to vote.

MAG Specification & Detail Committee VOTING SUMMARY for 2011

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|----------|--|---------------|----------|---------|----------|-----------|---------|----------|----------|-----------------|------|--------|---------|-------------|------------|----------|-------|----------------------------|
| | | | | | | | | | | | | | | | | | | |
| 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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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 |
|----------|--|---------------|----------|---------|----------|-----------|---------|----------|----------|-----------------|------|--------|---------|-------------|------------|----------|-------|----------------------------|
| | | | | | | | | | | | | | | | | | | |
| 11-17 | 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)

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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.



300 E Sixth St
PO Box 1466
Mesa, Arizona 85211-1466

November 23, 2011

Maricopa Association of Governments
Dennis Smith, Executive Director
302 North 1st Avenue
Suite 300
Phoenix, Arizona 85003

Dear Sir:

RE: Transportation Safety Committee Vice-Chair Application for 2012 Term

Please consider this my application for the Vice-Chair position of the Transportation Safety Committee effective January 1, 2012.

Thank you for this opportunity.

Sincerely,

A handwritten signature in black ink that reads "Renate Ehm". The signature is written in a cursive, flowing style.

(Ms.) Renate Ehm, P.E.
Traffic Studies Supervisor

MARICOPA ASSOCIATION OF GOVERNMENTS

INFORMATION SUMMARY... for your review

DATE:

November 29, 2011

SUBJECT:

Metropolitan Business Planning Initiative Business Consultant Selection

SUMMARY:

The Metropolitan Business Planning Initiative budget approved by the MAG Regional Council on May 25, 2011, includes \$166,400 for a business consultant to support the initiative. A Request for Proposals was issued on September 9, 2011. Two proposals were submitted. On October 26, 2011, a multidisciplinary team reviewed the proposals submitted by Elliott D. Pollack and Company and Value Point. The review team recommended to MAG the selection of Elliott D. Pollack and Company to complete tasks one through four (data collection and analytics) and for tasks five and six (develop the business plan and prospectus) to be awarded separately. The role of the consultant for tasks five and six is to work with Elliott D. Pollack and Company to collaborate on the data analytics that need to be collected, serve as a neutral party to objectively assess the region's opportunities in economic development, guide the development of the business plan, and engage the greater economic development community. It is anticipated that the greater economic development community will provide "sweat equity" through a grass roots approach.

Staff contacted both applicants to determine costs for the activities included in the Request for Proposals. Elliott D. Pollack and Company indicated a cost of \$78,400 to conduct tasks one through four. Value Point indicated a cost of \$88,000 for tasks five and six. This would bring the project in within the \$166,400 budget.

On November 9, 2011, the MAG Management Committee recommended approval of selecting Elliott D. Pollack and Company to complete tasks one through four for \$78,400 and to consider tasks five and six separately. On November 14, 2011, the MAG Regional Council Executive Committee approved the selection of Elliott D. Pollack and Company to complete tasks one through four for an amount not to exceed \$78,400.

The Committee addressed tasks five and six separately. They discussed the merits of selecting Value Point as the business consultant now to assist with the direction of the data analytics with Elliott D. Pollack. They also discussed the merits of issuing another Request for Proposals that would allow for more time to gain information regarding the lead initiative. Staff was directed to ask the members of the review team if tasks five and six were to proceed now did they have a preference for a consultant. The majority of review team members indicated agreement to proceed with Value Point for tasks five and six.

PUBLIC INPUT:

No public input has been received to date. Opportunities were made available at the November 9, 2011 MAG Management Committee meeting and the November 14, 2011 MAG Executive Committee meeting.

PROS & CONS:

PROS: Immediately identifying a firm to complete the business plan and prospectus may mean the work can be better integrated with the analysis to be done on the possible lead initiatives. This may provide a balance different from the beginning of the project.

CONS: Having two firms involved will require greater coordination of the consultant effort.

TECHNICAL & POLICY IMPLICATIONS:

TECHNICAL: The business plan and prospectus are both detailed, technical documents requiring a significant level of expertise. A qualified firm is needed to ensure both documents are developed appropriately and in a way that will build confidence and support for implementing the lead initiative.

POLICY: Elliott D. Pollack and Company has indicated they will work diligently to ensure a productive relationship with any firm selected to develop the business plan and prospectus. The timing of the selection for the firm to complete this work depends on the assessment of whether the delay caused by issuing another Request for Proposals will be detrimental to the project.

ACTION NEEDED:

Approval to select Value Point for tasks five and six to guide the development of the business plan and prospectus with the greater economic development community for an amount not to exceed \$88,000.

PRIOR COMMITTEE ACTIONS:

On November 14, 2011, the MAG Regional Council Executive Committee approved the selection of Elliott D. Pollack and Company to complete tasks one through four for an amount not to exceed \$78,400 and directed staff to solicit a recommendation from the review team for a firm to complete tasks five and six.

MEMBERS ATTENDING

Mayor, Hugh Hallman, Tempe, Chair
Mayor, Marie Lopez-Rogers, Avondale,
Vice Chair
Mayor Scott Smith, Mesa, Treasurer

* Mayor Jim Lane, Scottsdale
Mayor Michael LeVault, Youngtown
Vice Mayor Thelda Williams, Phoenix
Mayor Thomas L. Schoaf, Litchfield Park

- * Those members neither present nor represented by proxy.
- # Participated by telephone conference call. + Participated by videoconference call.

On November 9, 2011, the MAG Management Committee recommended the selection of Elliott 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.

MEMBERS ATTENDING

Charlie Meyer, Tempe, Chair
Karen Peters for David Cavazos, Phoenix
Matt Busby for George Hoffman,
Apache Junction
Charlie McClendon, Avondale
Stephen Cleveland, Buckeye
Gary Neiss, Carefree
Wayne Anderson for Usama Abujbarah,
Cave Creek
Patrice Kraus for Rich Dlugas, Chandler

Spencer Isom, El Mirage
Alfonso Rodriguez for Phil Dorchester,
Fort McDowell Yavapai Nation
Julie Ghetti, Fountain Hills
Rick Buss, Gila Bend
* David White, Gila River Indian Community
Patrick Banger, Gilbert
Horatio Skeete for Ed Beasley, Glendale
Romina Khananisho for John Fischbach,
Goodyear

Bill Hernandez, Guadalupe
Darryl Crossman, Litchfield Park
Christopher Brady, Mesa
David Andrews for Jim Bacon,
Paradise Valley
Carl Swenson, Peoria
John Kross, Queen Creek
* Bryan Meyers, Salt River Pima-Maricopa
Indian Community
David Richert, Scottsdale

Chris Hillman, Surprise
Reyes Medrano, Tolleson
Stephanie Wojcik, Wickenburg
Lloyce Robinson, Youngtown
Kwi Sung Kang for John Halikowski,
ADOT
Kenny Harris for David Smith, Maricopa
Co.
David Boggs, Valley Metro/RPTA

- * Those members neither present nor represented by proxy.
Participated by telephone conference call. + Participated by videoconference call.

On October 26, 2011, a multidisciplinary team met to review the proposals. The review team recommended to MAG the selection of Elliott 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, MAG

CONTACT PERSON:

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

2011 Exceedances of the 24-Hour PM-10 Standard by Monitor
(Preliminary Data Through November 4, 2011)

| Monitor | Date | 24-Hour Avg. PM-10 Concentration in $\mu\text{g}/\text{m}^3$ | Additional Information |
|-----------------|--------------------|--|--|
| Apache Junction | July 8, 2011 | 194.2 | Localized thunderstorm outflow winds |
| | August 26, 2011 | 169.0 | Localized thunderstorm outflow winds. Four other continuous Pinal County PM-10 monitors recorded exceedances on August 26, 2011. |
| | August 28, 2011 | 282.7 | Carryover from August 27, 2011 regional dust storm. Four other continuous Pinal County PM-10 monitors recorded exceedances on August 28, 2011. |
| | September 2, 2011 | 217.4 | Regional dust storm |
| | September 6, 2011 | 172.6 | Localized thunderstorm outflow |
| | November 4, 2011 | 225.4 | Regional dust storm |
| Buckeye | July 3, 2011 | 385.6 | Regional dust storm |
| | July 5, 2011 | 164.2 | Regional dust storm |
| | July 18, 2011 | 196.7 | Regional dust storm |
| | August 5, 2011 | 158.7 | Residual dust from August 4 evening thunderstorms-under investigation |
| | August 18, 2011 | 296.8 | Regional dust storm |
| | August 25, 2011 | 235.9 | Regional dust storm |
| | August 27, 2011 | 226.3 | Regional dust storm |
| | September 2, 2011 | 169.8 | Regional dust storm |
| | November 4, 2011 | 284.9 | Regional dust storm |
| Central Phoenix | July 3, 2011 | 279.8 | Regional dust storm |
| | July 5, 2011 | 277.5 | Regional dust storm |
| | July 18, 2011 | 211.2 | Regional dust storm |
| | August 18, 2011 | 232.2 | Regional dust storm |
| | August 25, 2011 | 308.7 | Regional dust storm |
| | August 27, 2011 | 234.0 | Regional dust storm |
| | September 2, 2011 | 308.0 | Regional dust storm |
| | November 4, 2011 | 223.2 | Regional dust storm |
| Durango | July 3, 2011 | 278.1 | Regional dust storm |
| | July 5, 2011 | 156.9 | Regional dust storm |
| | July 18, 2011 | 268.2 | Regional dust storm |
| | August 25, 2011 | 437.5 | Regional dust storm |
| | August 27, 2011 | 261.4 | Regional dust storm |
| | September 2, 2011 | 255.4 | Regional dust storm |
| | September 12, 2011 | 229.8 | Regional dust storm |
| | November 4, 2011 | 251.8 | Regional dust storm |
| Dysart | July 3, 2011 | 240.0 | Regional dust storm |
| | July 5, 2011 | 220.0 | Regional dust storm |
| | July 18, 2011 | 163.9 | Regional dust storm |
| | August 25, 2011 | 273.7 | Regional dust storm |
| | November 4, 2011 | 224.3 | Regional dust storm |
| Glendale | July 3, 2011 | 242.8 | Regional dust storm |
| | July 5, 2011 | 168.3 | Regional dust storm |
| | August 25, 2011 | 241.2 | Regional dust storm |
| | August 27, 2011 | 220.4 | Regional dust storm |
| | November 4, 2011 | 229.0 | Regional dust storm |
| Greenwood | July 3, 2011 | 254.6 | Regional dust storm |
| | July 5, 2011 | 156.0 | Regional dust storm |
| | July 18, 2011 | 209.3 | Regional dust storm |
| | August 25, 2011 | 388.6 | Regional dust storm |
| | August 27, 2011 | 208.2 | Regional dust storm |
| | September 2, 2011 | 198.1 | Regional dust storm |
| | November 4, 2011 | 231.4 | Regional dust storm |

| Monitor | Date | 24-Hour Avg. PM-10 Concentration in $\mu\text{g}/\text{m}^3$ | Additional Information |
|------------------|--------------------|--|--|
| Higley | July 3, 2011 | 196.8 | Regional dust storm |
| | July 4, 2011 | 198.5 | Localized thunderstorm outflow winds from the south. Five continuous Pinal County PM-10 monitors recorded exceedances on July 4, 2011. |
| | July 5, 2011 | 375.7 | Regional dust storm |
| | July 7, 2011 | 266.9 | Localized thunderstorm outflow winds late in the evening along with residual dust from the July 5, 2011 regional dust storm. Five continuous Pinal County PM-10 monitors recorded exceedances on July 7, 2011. |
| | August 28, 2011 | 175.8 | Carryover from August 27, 2011 regional dust storm. Five continuous Pinal County PM-10 monitors recorded exceedances on August 28, 2011. |
| | September 2, 2011 | 213.5 | Regional dust storm |
| | October 4, 2011 | 157.8 | Regional dust storm. Six continuous Pinal County PM-10 monitors recorded exceedances on October 4, 2011. |
| | November 4, 2011 | 208.8 | Regional dust storm |
| North Phoenix | September 11, 2011 | 184.1 | Regional dust storm |
| | November 4, 2011 | 186.3 | Regional dust storm |
| South Phoenix | March 12, 2011 | 168.5 | |
| | July 3, 2011 | 280.7 | Regional dust storm |
| | July 5, 2011 | 207.4 | Regional dust storm |
| | July 18, 2011 | 303.7 | Regional dust storm |
| | August 18, 2011 | 179.0 | Regional dust storm |
| | August 25, 2011 | 421.5 | Regional dust storm |
| | August 27, 2011 | 301.5 | Regional dust storm |
| | September 2, 2011 | 339.3 | Regional dust storm |
| Supersite | July 3, 2011 | 229.0 | Regional dust storm |
| | July 5, 2011 | 331.8 | Regional dust storm |
| | August 25, 2011 | 242.2 | Regional dust storm |
| | September 2, 2011 | 208.9 | Regional dust storm |
| | September 11, 2011 | 178.7 | Regional dust storm |
| | November 4, 2011 | 199.6 | Regional dust storm |
| West Chandler | February 19, 2011 | 167.9 | Frontal system winds from the south. Five continuous Pinal County PM-10 monitors recorded exceedances on February 19, 2011. |
| | July 3, 2011 | 199.2 | Regional dust storm |
| | July 5, 2011 | 360.6 | Regional dust storm |
| | July 7, 2011 | 205.8 | Localized thunderstorm outflow winds late in the evening along with residual dust from the July 5, 2011 regional dust storm. Five continuous Pinal County PM-10 monitors recorded exceedances on July 7, 2011. |
| | August 3, 2011 | 249.3 | Localized thunderstorm outflow winds early in the morning. Four continuous Pinal County PM-10 monitors recorded exceedances on August 3, 2011. |
| | August 18, 2011 | 186.1 | Regional dust storm |
| | August 25, 2011 | 278.6 | Regional dust storm |
| | August 27, 2011 | 229.3 | Regional dust storm |
| | September 2, 2011 | 387.5 | Regional dust storm |
| | October 4, 2011 | 251.5 | Regional dust storm. Six continuous Pinal County PM-10 monitors recorded exceedances on October 4, 2011. |
| November 4, 2011 | 670.2 | Regional dust storm | |
| West 43rd Avenue | July 3, 2011 | 250.7 | Regional dust storm |
| | July 18, 2011 | 245.3 | Regional dust storm |
| | August 25, 2011 | 370.3 | Regional dust storm |
| | August 27, 2011 | 292.6 | Regional dust storm |
| | September 2, 2011 | 219.7 | Regional dust storm |
| | September 12, 2011 | 162.2 | Regional dust storm |
| | November 4, 2011 | 242.9 | Regional dust storm |

| Monitor | Date | 24-Hour Avg. PM-10 Concentration in $\mu\text{g}/\text{m}^3$ | Additional Information |
|--------------|--------------------|---|--|
| West Phoenix | July 3, 2011 | 244.2 | Regional dust storm |
| | July 5, 2011 | 267.0 | Regional dust storm |
| | July 18, 2011 | 159.7 | Regional dust storm |
| | August 25, 2011 | 212.6 | Regional dust storm |
| | August 27, 2011 | 164.6 | Regional dust storm |
| | September 11, 2011 | 168.8 | Regional dust storm |
| | September 12, 2011 | 200.6 | Regional dust storm |
| | November 4, 2011 | 279.6 | Regional dust storm |
| Zuni Hills | July 3, 2011 | 260.8 | Regional dust storm |
| | August 25, 2011 | 212.8 | Regional dust storm |
| | November 2, 2011 | 411.9 | Frontal system winds. During the event, a maximum north-northeast wind speed of 49 mph was recorded and an hourly average of 28 mph. |
| | November 4, 2011 | 258.6 | Regional dust storm |

2011 Exceedances of the 24-Hour PM-10 Standard by Date
(Preliminary Data Through November 4, 2011)

| Date | Monitor | 24-Hour Avg. PM-10 Concentration in $\mu\text{g}/\text{m}^3$ | Additional Information |
|-------------------|-----------------|--|--|
| February 19, 2011 | West Chandler | 167.9 | Frontal system winds from the south. Five continuous Pinal County PM-10 monitors recorded exceedances on February 19, 2011. |
| March 12, 2011 | South Phoenix | 168.5 | |
| July 3, 2011 | Buckeye | 385.6 | Regional dust storm |
| | Central Phoenix | 279.8 | |
| | Durango | 278.1 | |
| | Dysart | 240.0 | |
| | Glendale | 242.8 | |
| | Greenwood | 254.6 | |
| | Higley | 196.8 | |
| | South Phoenix | 280.7 | |
| | Supersite | 229.0 | |
| | West Chandler | 199.2 | |
| | West 43rd Ave. | 250.7 | |
| | West Phoenix | 244.2 | |
| Zuni Hills | 260.8 | | |
| July 4, 2011 | Higley | 198.5 | Localized thunderstorm outflow winds from the south. Five continuous Pinal County PM-10 monitors recorded exceedances on July 4, 2011. |
| July 5, 2011 | Buckeye | 164.2 | Regional dust storm |
| | Central Phoenix | 277.5 | |
| | Durango | 156.9 | |
| | Dysart | 220.0 | |
| | Glendale | 168.3 | |
| | Greenwood | 156.0 | |
| | Higley | 375.7 | |
| | South Phoenix | 207.4 | |
| | Supersite | 331.8 | |
| | West Chandler | 360.6 | |
| West Phoenix | 267.0 | | |
| July 7, 2011 | Higley | 266.9 | Localized thunderstorm outflow winds late in the evening along with residual dust from the July 5, 2011 regional dust storm. Five continuous Pinal County PM-10 monitors recorded exceedances on July 7, 2011. |
| | West Chandler | 205.8 | |
| July 8, 2011 | Apache Junction | 194.2 | Localized thunderstorm outflow winds |
| July 18, 2011 | Buckeye | 196.7 | Regional dust storm |
| | Central Phoenix | 211.2 | |
| | Durango | 268.2 | |
| | Dysart | 163.9 | |
| | Greenwood | 209.3 | |
| | South Phoenix | 303.7 | |
| | West 43rd Ave. | 245.3 | |
| West Phoenix | 159.7 | | |
| August 3, 2011 | West Chandler | 249.3 | Localized thunderstorm outflow winds early in the morning. Four continuous Pinal County PM-10 monitors recorded exceedances on August 3, 2011. |
| August 5, 2011 | Buckeye | 158.7 | Residual dust from August 4 evening thunderstorms-under investigation |

| Date | Monitor | 24-Hour Avg. PM-10 Concentration in $\mu\text{g}/\text{m}^3$ | Additional Information |
|--------------------|-----------------|--|--|
| August 18, 2011 | Buckeye | 296.8 | Regional dust storm |
| | Central Phoenix | 232.2 | |
| | South Phoenix | 179.0 | |
| | West Chandler | 186.1 | |
| August 25, 2011 | Buckeye | 235.9 | Regional dust storm |
| | Central Phoenix | 308.7 | |
| | Durango | 437.5 | |
| | Dysart | 273.7 | |
| | Glendale | 241.2 | |
| | Greenwood | 388.6 | |
| | South Phoenix | 421.5 | |
| | Supersite | 242.2 | |
| | West Chandler | 278.6 | |
| | West 43rd Ave. | 370.3 | |
| | West Phoenix | 212.6 | |
| | Zuni Hills | 212.8 | |
| August 26, 2011 | Apache Junction | 169.0 | Localized thunderstorm outflow winds. Four other continuous Pinal County PM-10 monitors recorded exceedances on August 26, 2011. |
| August 27, 2011 | Buckeye | 226.3 | Regional dust storm |
| | Central Phoenix | 234.0 | |
| | Durango | 261.4 | |
| | Glendale | 220.4 | |
| | Greenwood | 208.2 | |
| | South Phoenix | 301.5 | |
| | West Chandler | 229.3 | |
| | West 43rd Ave. | 292.6 | |
| August 28, 2011 | Apache Junction | 282.7 | Carryover from August 27, 2011 regional dust storm. Four other continuous Pinal County PM-10 monitors recorded exceedances on August 28, 2011. |
| | Higley | 175.8 | |
| September 2, 2011 | Apache Junction | 217.4 | Regional dust storm |
| | Buckeye | 169.8 | |
| | Central Phoenix | 308.0 | |
| | Durango | 255.4 | |
| | Greenwood | 198.1 | |
| | Higley | 213.5 | |
| | South Phoenix | 339.3 | |
| | Supersite | 208.9 | |
| | West Chandler | 387.5 | |
| | West 43rd Ave. | 219.7 | |
| September 6, 2011 | Apache Junction | 172.6 | Localized thunderstorm outflow |
| September 11, 2011 | North Phoenix | 184.1 | Regional dust storm |
| | Supersite | 178.7 | |
| | West Phoenix | 168.8 | |
| September 12, 2011 | Durango | 229.8 | Regional dust storm |
| | West 43rd Ave. | 162.2 | |
| | West Phoenix | 200.6 | |
| October 4, 2011 | Higley | 157.8 | Regional dust storm. Six continuous Pinal County PM-10 monitors recorded exceedances on October 4, 2011. |
| | West Chandler | 251.5 | |
| November 2, 2011 | Zuni Hills | 411.9 | Frontal system winds. During the event, a maximum north-northeast wind speed of 49 mph was recorded and an hourly average of 28 mph. |

| Date | Monitor | 24-Hour Avg. PM-10 Concentration in $\mu\text{g}/\text{m}^3$ | Additional Information |
|------------------|-----------------|---|------------------------|
| November 4, 2011 | Apache Junction | 225.4 | Regional dust storm |
| | Buckeye | 284.9 | |
| | Central Phoenix | 223.2 | |
| | Durango | 251.8 | |
| | Dysart | 224.3 | |
| | Glendale | 229.0 | |
| | Greenwood | 231.4 | |
| | Higley | 208.8 | |
| | North Phoenix | 186.3 | |
| | Supersite | 199.6 | |
| | West Chandler | 670.2 | |
| | West 43rd Ave. | 242.9 | |
| | West Phoenix | 279.6 | |
| | Zuni Hills | 258.6 | |

November 29, 2011

TO: Members of the MAG Regional Council

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 |