



302 North 1st Avenue, Suite 300 ▲ Phoenix, Arizona 85003  
Phone (602) 254-6300 ▲ FAX (602) 254-6490  
E-mail: mag@mag.maricopa.gov ▲ Web site: www.mag.maricopa.gov

November 10, 2009

TO: Members of the MAG Management Committee

FROM: Mark Pentz, Chandler, Chair

SUBJECT: MEETING NOTIFICATION AND TRANSMITTAL OF TENTATIVE AGENDA

Wednesday, November 18, 2009 - 12:00 noon  
MAG Office, Suite 200 - Saguaro Room  
302 North 1<sup>st</sup> Avenue, Phoenix

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

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

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

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

c: MAG Regional Council

A Voluntary Association of Local Governments in Maricopa County

City of Apache Junction ▲ City of Avondale ▲ Town of Buckeye ▲ Town of Carefree ▲ Town of Cave Creek ▲ City of Chandler ▲ City of El Mirage ▲ Fort McDowell Yavapai Nation ▲ Town of Fountain Hills ▲ Town of Gila Bend  
Gila River Indian Community ▲ Town of Gilbert ▲ City of Glendale ▲ City of Goodyear ▲ Town of Guadalupe ▲ City of Litchfield Park ▲ Maricopa County ▲ City of Mesa ▲ Town of Paradise Valley ▲ City of Peoria ▲ City of Phoenix  
Town of Queen Creek ▲ Salt River Pima-Maricopa Indian Community ▲ City of Scottsdale ▲ City of Surprise ▲ City of Tempe ▲ City of Tolleson ▲ Town of Wickenburg ▲ Town of Youngtown ▲ Arizona Department of Transportation

**MAG MANAGEMENT COMMITTEE  
TENTATIVE AGENDA  
November 18, 2009**

**COMMITTEE ACTION REQUESTED**

1. Call to Order

2. Pledge of Allegiance

3. Call to the Audience

An opportunity is provided to the public to address the Management Committee on items that are not on the agenda that are within the jurisdiction of MAG, or non-action agenda items that are on the agenda for discussion or information only. Citizens will be requested not to exceed a three minute time period for their comments. A total of 15 minutes will be provided for the Call to the Audience agenda item, unless the Management Committee requests an exception to this limit. Please note that those wishing to comment on agenda items posted for action will be provided the opportunity at the time the item is heard.

4. Executive Director's Report

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

5. Approval of Consent Agenda

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

3. Information.

4. Information and discussion.

5. Recommend approval of the Consent Agenda.

**ITEMS PROPOSED FOR CONSENT\***

**MINUTES**

\*5A. Approval of October 14, 2009, Meeting Minutes

5A. Review and approval of the October 14, 2009, meeting minutes.

**TRANSPORTATION ITEMS****\*5B. MAG Fiscal Year 2010 Traffic Signal Optimization Program Project Recommendations**

The Fiscal Year (FY) 2010 MAG Unified Planning Work Program and Annual Budget, approved by the MAG Regional Council in May 2009, includes \$321,000 for the FY 2010 Traffic Signal Optimization Program (TSOP) to improve traffic signal timing. A formal request for TSOP projects was announced by MAG on July 17, 2009, and 12 project applications were received. A regional workshop to provide training on signal timing software has also been included in the list of projects in response to requests received from MAG member agencies. The recommended projects will be carried out by MAG through Intelligent Transportation System (ITS) on-call consultants currently under contract. The MAG ITS Committee and the MAG Transportation Review Committee recommended approval of the list of TSOP projects. Please refer to the enclosed material.

**\*5C. Revisions to the Arterial Life Cycle Program Policies and Procedures**

In 2004, MAG initiated the development of the Arterial Life Cycle Program (ALCP) to provide management and oversight for the implementation of the arterial component of the Regional Transportation Plan (RTP). In 2005, the Regional Council approved the ALCP Policies and Procedures ("Policies") to direct the implementation of the arterial street projects in an efficient and cost-effective manner. On April 22, 2009, the Regional Council approved revisions and refinements to the Policies. Since the approval, MAG member agencies have expressed concerns about the policies regarding ALCP project savings and programming the ALCP when a deficit of revenue occurs. On September 3, 2009, the ALCP Working Group met to discuss these concerns and other issues regarding the definition of a completed project for the Regional Area Road Fund (RARF) Closeout and data issues encountered during the annual update process. A memorandum outlining the issues discussed, the

5B. Recommend approval of the list of FY 2010 Traffic Signal Optimization Program (TSOP) projects.

5C. Recommend approval of the proposed changes to Section 350 of the ALCP Policies and Procedures.

current policies, and any recommendations made by the ALCP Working Group and a draft of the proposed revisions to the ALCP Policies and Procedures are attached.

\*5D. Project Changes – Amendments and Administrative Modifications to the FY 2008-2012 MAG Transportation Improvement Program

The FY 2008-2012 Transportation Improvement Program and Regional Transportation Plan Update were approved by the MAG Regional Council on July 25, 2007. Since that time, there have been requests from member agencies to modify projects in the programs. Requested project changes include funding changes and new projects to be funded with ARRA funds, and a number of project changes that relate to the approval of conformity. The Transportation Review Committee recommended approval of the requested changes. Please refer to the enclosed material.

\*5E. American Recovery and Reinvestment Act (ARRA) Monthly Status Report

A Status Report on the American Recovery and Reinvestment Act (ARRA) funds dedicated to transportation projects in the MAG region is provided. This report covers the status of project development as of October 20, 2009. It reports on highway, local, transit, and enhancement projects programmed with ARRA funds and the status of project development milestones per project. Please refer to the enclosed material.

\*5F. Amendment of the FY 2010 MAG Unified Planning Work Program and Annual Budget to Accept FY 2009 Federal Transit Administration Planning Funding

Each year, MAG prepares a Unified Planning Work Program and Annual Budget that lists anticipated revenues for the coming year. Recently, the Arizona Department of Transportation notified MAG of the official amount of FY 2009 Federal Transit Administration Planning (FTA) funding. An amendment to the FY 2010 MAG Unified Planning Work Program and Annual Budget is needed to

5D. Recommend approval of amendments and administrative modifications to the FY 2008-2012 Transportation Improvement Program, and as appropriate, to the Regional Transportation Plan 2007 Update.

5E. Information.

5F. Recommend amending the FY 2010 MAG Unified Planning Work Program and Annual Budget to accept \$222,387.50 of additional FY 2009 Federal Transit Administration Planning Funding.

include the additional award of \$222,387.50 for FTA 2009. Please refer to the enclosed material.

\*5G. Consultant Selection for the Non-Recurring Congestion Study

The FY 2009 MAG Unified Planning Work Program and Annual Budget, approved by the MAG Regional Council in May 2008, includes \$300,000 to conduct the Non-Recurring Congestion (NRC) Study in the Phoenix metropolitan region. Nationally, it has been estimated that as much as 60 percent of all traffic congestion may be attributable to NRC. The study goal is to better understand the magnitude of NRC in the MAG region and determine possible ways to mitigate it. A request for proposals for a consultant to conduct the study was announced by MAG on August 31, 2009, and six proposals were received. A multi agency proposal evaluation panel reviewed the proposals and interviewed two of the consultant teams, Cambridge Systematics, Inc. and Lee Engineering, LLC. The ITS Committee is anticipated to make a recommendation to MAG on November 10, 2009. The recommendation will be forwarded to the Committee in a separate mailing.

\*5H. Federal Funded Projects Not Obligating in Federal Fiscal Year 2009

The Federal Fiscal Year (FFY) 2009 MAG Closeout process ran from March to July 2009 and ended on September 30, 2009. Two projects scheduled to obligate, either as planned in the normal Transportation Improvement Program (TIP) process or that were selected to receive federal funds through the MAG Closeout process, did not obligate before the end of FFY 2009. These projects are in addition to those that were approved by the MAG Regional Council for deferral in June and July 2009. Currently, the Draft MAG Federal Fund Programming Guidelines do not include policies addressing this issue. Please refer to the table listing information for projects requesting deferrals or that have not obligated in FFY 2009 as programmed and the deferral request letters from the sponsoring agency. The Transportation Review Committee recommended

5G. Recommended approval to select a consultant firm to perform the Non-Recurring Congestion Study at an amount not to exceed \$300,000.

5H. Recommend approval to defer the Federal Fiscal Year (FFY) 2009 projects listed in the attached table to FFY 2010.

approval of this item. Please refer to the enclosed material.

### AIR QUALITY ITEMS

- \*5I. New Finding of Conformity for the FY 2008-2012 MAG Transportation Improvement Program and Regional Transportation Plan 2007 Update, As Amended

On July 25, 2007, the MAG Regional Council approved a Finding of Conformity for the FY 2008-2012 MAG Transportation Improvement Program (TIP) and MAG Regional Transportation Plan 2007 Update. Since that time, an amendment has been proposed that involves the addition of several projects, including Arizona Department of Transportation projects on Loop 101. MAG has conducted a regional emissions analysis for the proposed amendment and the results of the regional emissions analysis, when considered together with the TIP and RTP as a whole, indicate that the transportation projects will not contribute to violations of federal air quality standards. On October 6, 2009, a 30-day public review period began on the conformity assessment and amendment. Please refer to the enclosed material.

- \*5J. Conformity Consultation

The Maricopa Association of Governments is conducting consultation on a conformity assessment for an amendment and administrative modification to the FY 2008-2012 MAG Transportation Improvement Program (TIP). The proposed amendment involves several projects, including projects for the Arizona Department of Transportation, Fountain Hills, Mesa, Peoria, and Scottsdale. The amendment includes projects that are exempt from a conformity determination and the administrative modification includes minor project revisions that do not require a conformity determination. Comments on the conformity assessment are requested by December 4, 2009. Please refer to the enclosed material.

- 5I. Recommend approval of the new Finding of Conformity for the FY 2008-2012 MAG Transportation Improvement Program and Regional Transportation Plan 2007 Update, as amended.

- 5J. Consultation.

## GENERAL ITEMS

\*5K. Proposed 2010 Revisions to MAG Standard Specifications and Details for Public Works Construction

The MAG Standard Specifications and Details Committee has completed its review of proposed 2010 revisions to the MAG Standard Specifications and Details for Public Works Construction. These revisions have been recommended for approval by the committee and are currently being reviewed by MAG member agency Public Works Directors and/or Engineers. It is anticipated that the annual update packet will be available for purchase in early January 2010. Please refer to the enclosed material.

\*5L. On-Call Consulting List for the Socioeconomic Modeling and Research Support Project

The FY 2010 MAG Unified Planning Work Program and Annual Budget, approved by the MAG Regional Council in May 2009, lists three on-call projects (AZ-SMART Phase II On-Call , 2009 AZ-SMART Enhancements - Employment Classification and Redevelopment Activity , 2009 Activity Based Socioeconomic Modeling Sub-models On-Call) to support socioeconomic modeling and research. These projects have been combined into one on-call solicitation as the Socioeconomic Modeling and Research Support Project for a cost not to exceed \$450,000. The purpose of the project is to enable MAG to maintain state-of-the-art projections models to support socioeconomic and transportation planning needs. MAG issued a Request for Qualifications to create an on-call consulting list for two areas of expertise in the project and received seven Statements of Qualifications (SOQs). A multi-agency evaluation team reviewed the SOQs and unanimously recommended to MAG that the following firms be included in a MAG on-call consulting list for the Socioeconomic Modeling and Research Support Projects: Applied Economics, ECONorthwest, Planning Technologies, Technology Associates, TerraSystems Southwest, University of Arizona - Economic and Business

5K. Information and discussion.

5L. Recommend approval of the list of on-call consultants for area of Expertise A (Research, data collection, demographic, and economic analysis): Applied Economics, ECONorthwest, Planning Technologies, University of Arizona - Economic and Business Research Center, and Urban Analytics; Area of Expertise B (Application development, Geographic Information Systems, database management, and socioeconomic modeling): Applied Economics, ECONorthwest, Planning Technologies, Technology Associates, TerraSystems Southwest, University of Arizona - Economic and Business Research Center, and Urban Analytics, for the MAG Socioeconomic Modeling and Research Support Project, for a total amount not to exceed \$450,000.

Research Center, and Urban Analytics. Please refer to the enclosed material.

\*5M. Approval of the Draft July 1, 2009 Maricopa County and Municipality Resident Population Updates

MAG staff has prepared draft July 1, 2009 Maricopa County and Municipality Resident Population Updates. The Updates, which are used to allocate \$23 million in lottery funds to local jurisdictions, prepare budgets and set expenditure limitations, were prepared using the 2005 Census Survey as the base and housing unit data supplied and verified by MAG member agencies. Because there may be changes to the Maricopa County control total by the Arizona Department of Commerce, the MAG Population and Technical Advisory Committee recommended approval of these Updates provided that the County control total is within one percent of the final control total. Please refer to the enclosed material.

\*5N. Census 2010 Local Update of Census Addresses Feedback Materials and Appeals Process

The Local Update of Census Addresses (LUCA) program is a critical part of Census 2010 activities because it uses local expertise to improve the accuracy and completeness of the address list used for mailing Census 2010 questionnaires. MAG member agencies completed the initial phase of the LUCA program in 2008. The purpose of LUCA feedback is to provide local jurisdictions with detailed feedback materials that document which local address additions and updates the Census Bureau did or did not accept, along with the list of addresses that have been deleted from the original Master Address File during address canvassing. Member agencies that wish to dispute the Census Bureau's determinations must file their appeal within 30 calendar days of receiving their materials. It appears that all MAG member agencies have now received their materials. On average, every person counted in Arizona equals about \$1,550 per year in federal and state funding, or about \$3,875 per household per year. A complete and accurate LUCA list can help prevent a revenue loss of nearly \$40,000 over ten years

5M. Recommend approval of the July 1, 2009 Maricopa County and Municipality Resident Population Updates provided that the Maricopa County control total is within one percent of the final control total.

5N. Information.

for every housing unit not counted in Census 2010. MAG Population Technical Advisory Committee (POPTAC) members are aware of this issue and are working with the jurisdiction LUCA representative on the individual appeals for their jurisdiction. MAG staff will be available after the POPTAC meeting on November 10 to meet individually with member agencies to discuss their feedback. Please refer to the enclosed material.

## ITEMS PROPOSED TO BE HEARD

### TRANSPORTATION ITEMS

6. Reallocation of Unused Local/MPO American Recovery and Reinvestment Act (ARRA) Funds Policy Options

Through the MAG committee process, discussions have been held regarding the anticipated unobligated Local/MPO ARRA funds due to low project cost bids and projects not obligating to meet the March 2, 2010, deadline. The research and analysis for this topic have focused around policy options of: providing additional ARRA funds for existing local ARRA projects, however, no increase in scope would be allowed; reducing the local match, but not below the minimum set by MAG policy, for other federally funded projects that would obligate by the deadline; funding other local projects in the region that are eligible for ARRA funds that could obligate by the deadline; transferring funds to transit; and transferring funds to ADOT. The Transportation Review Committee (TRC) met on October 29, 2009, to review programming and policy analysis related to programming anticipated unused ARRA funds. There were no recommendations moved forward at this time. There was a motion approved for the TRC to meet again to further discuss the issue. There were no policy or programming recommendations moved forward at the October 29 meeting. The TRC is scheduled to meet on November 13, 2009, to discuss further and possibly make recommendations. Information and an update will be provided to the Management Committee following the TRC meeting.

6. Information, discussion, and possible recommendation of policy options to reallocate unobligated local/MPO ARRA Funds.

7. Revision of Highway Projects to Be Funded with American Recovery and Reinvestment Act Funds

On September 30, 2009, the MAG Regional Council approved reprioritizing the American Recovery and Reinvestment Act (ARRA) Highway project list based on the ability to obligate. Since that time, highway projects have continued to move forward with advertising, bids, and contract awards. There have substantial differences in the amount of ARRA Highway funds programmed and the bid/contract award amount. The current project cost savings total \$2.36 million. Fourteen projects either programmed with ARRA, or are on the project change sheet (separate agenda item) to be funded with ARRA, total \$127 million. It is anticipated that cost savings will continue, and the region will need to add more highway projects to the list to use project savings of ARRA Highway funds. It is recommended to add the SR-143 project at \$35.1 million to the approved ARRA Highway project list to be funded based on the ability to obligate. Please refer to the enclosed material.

8. MAG Commuter Rail Studies Update

In 2004, voters approved Proposition 400, which included a provision to fund transportation planning studies. A portion of the planning funds was allocated to Commuter Rail Strategic Planning Study to define requirements and steps needed for to plan for and implement commuter rail service in the MAG Region. Findings from the Commuter Rail Strategic Plan indicated the need for three additional planning studies: Systems Study, Grand Avenue Corridor Study and Yuma West Corridor Study. The Systems Study will explore potential corridors and options identified in the Commuter Rail Strategic Plan and review existing freight operations and commuter rail opportunities in existing right of way. The System Study also will establish priorities for implementing commuter rail service and evaluate ridership potential, operating strategies, and capital and operating costs. The Grand Avenue Corridor Study will review potential commuter rail implementation along the existing Burlington Northern Santa Fe (BNSF) right of way between Wickenburg and downtown

7. Information, discussion, and possible action to recommend adding the SR-143 project to the American Recovery and Reinvestment Act Highway project list to be funded based on the ability to obligate.

8. Information and discussion.

Phoenix. A corridor development plan reviewing existing and future conditions, an inventory of the existing rail infrastructure, necessary infrastructure improvements to implement commuter rail service, and a conceptual commuter rail operating plan will be developed. The Yuma West Corridor Plan is evaluating the potential to implement commuter rail service within the existing Union Pacific Railroad right of way between downtown Phoenix and the community of Arlington. The planning process includes a review of existing and future conditions, an inventory of the existing rail infrastructure, necessary infrastructure improvements to implement commuter rail service, and a conceptual commuter rail operating plan. MAG Staff will provide an overview of the three studies. This summary was presented to the Transportation Review Committee (TRC) for information and discussion on October 29, 2009.

#### AIR QUALITY ITEMS

9. 2009 Inventory of Unpaved Roads

On May 23, 2007, the MAG Regional Council approved thirteen additional measures for the Suggested List of Measures to Reduce PM-10 Particulate Matter. One of these measures requires MAG to conduct an annual inventory of unpaved roads and estimated traffic counts by jurisdiction to measure progress in eliminating unpaved roads. Following an extensive process to develop the inventory, with assistance from the MAG member agencies MAG has prepared detailed maps of unpaved roads and traffic counts and a summary table of unpaved road mileages in the PM-10 nonattainment area. A summary table was sent to all members of the MAG Management Committee on September 22, 2009. Members were also sent maps of the unpaved roads in their jurisdiction, where appropriate. Since that time, additional information has been received. A presentation on the inventory will be provided. Please refer to the enclosed material.

9. Information and discussion.

## GENERAL ITEMS

10. Maricopa County Library District Reciprocal Borrowing Agreement

On May 13, 2009, the MAG Management Committee recognized that a request had been received to reconvene the MAG Library District Stakeholders Group to discuss an equitable agreement regarding the reciprocal borrowing agreement with the Maricopa County Library District (MCLD). The MAG Library District Stakeholders has held a number of discussions related to the reciprocal borrowing agreement from June through September 2009. At the June 22, 2009, meeting, a request was made for a fiscal overview of the reciprocal borrowing agreement from county staff at the next meeting. At the September 29, 2009, meeting a fiscal overview presentation of the MCLD was given by MCLD staff (Attachment One). At this same meeting, a draft proposal of changes to the reciprocal borrowing agreement was developed by members of the stakeholders group. (Attachment Two). On November 2, 2009, MCLD staff provided a response to the proposal in a letter. (Attachment Three).

11. Request for Future Agenda Items

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

12. Comments from the Committee

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

13. Adjournment

10. Information, discussion, and possible action.

11. Information and discussion.

12. Information.

MINUTES OF THE  
MAG MANAGEMENT COMMITTEE MEETING  
October 14, 2009  
MAG Office Building - Saguaro Room  
Phoenix, Arizona

MEMBERS ATTENDING

- |  |  |
|--|--|
| Mark Pentz, Chandler, Chair  | Sonny Culbreth for Darryl Crossman,<br>Litchfield Park       |
| Carl Swenson, Peoria, Vice Chair                                       | Christopher Brady, Mesa                                      |
| # Matt Busby for George Hoffman, Apache<br>Junction                    | Jim Bacon, Paradise Valley                                   |
| Charlie McClendon, Avondale  | Frank Fairbanks, Phoenix                                     |
| David Johnson for Stephen Cleveland,<br>Buckeye                        | Shane Dille for John Kross, Queen Creek                      |
| * Gary Neiss, Carefree   | * Bryan Meyers, Salt River Pima-Maricopa<br>Indian Community |
| * Usama Abujbarah, Cave Creek  | John Little, Scottsdale                                      |
| Spencer Isom for B.J. Cornwall, El Mirage                              | Michael Celaya for Randy Oliver, Surprise                    |
| Alfonso Rodriguez for Phil Dorchester,<br>Fort McDowell Yavapai Nation | Charlie Meyer, Tempe   |
| Julie Ghatti for Rick Davis, Fountain Hills                            | Chris Hagen for Reyes Medrano, Tolleson                      |
| Rick Buss, Gila Bend   | Gary Edwards, Wickenburg                                     |
| * David White, Gila River Indian Community                             | Lloyce Robinson, Youngtown                                   |
| George Pettit, Gilbert   | Steve Hull for John Halikowski, ADOT                         |
| Ed Beasley, Glendale   | Kenny Harris for David Smith,<br>Maricopa County             |
| Mark Gaillard for John Fischbach, Goodyear                             | David Boggs/Bryan Jungwirth, Valley<br>Metro/RPTA            |
| Bill Hernandez, Guadalupe  |  |

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

1. Call to Order

The meeting was called to order by Chair Mark Pentz at 12:05 p.m.

2. Pledge of Allegiance

The Pledge of Allegiance was recited.

Chair Pentz noted that Matt Busby was participating via teleconference.

Chair Pentz noted material at each place: For agenda item #5C, the Prior Committee Actions section of the summary transmittal was revised to reflect the recommendation for approval made by the ITS Committee; for agenda item #5D, the agenda materials were updated to reflect the addition of three ADOT right of way projects to the project change requests; for agenda item #5I, a revised consultation memorandum; for agenda item #5L, a draft list of all new and renewal applicants requesting funds provided by the Ranking and Review Panel; and a flyer of events that will take place during Domestic Violence Awareness Month.

Chair Pentz announced that parking garage validation and transit tickets were available from Valley Metro/RPTA for those using transit to come to the meeting.

### 3. Call to the Audience

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

Chair Pentz recognized public comment from Dianne Barker, who expressed her appreciation for the transit ticket and reported on her experience taking transit to the meeting. Ms. Barker noted that RARF sales tax revenue is down 13 percent this year and is projected to be down double that number in 2010. She commented that with the great weather and wonderful facilities, this region should not have a bad economy. Chair Pentz thanked Ms. Barker for her comments.

Chair Pentz noted that this was the last MAG Management Committee meeting for Frank Fairbanks. He read the Resolution of Appreciation that had been prepared. Chair Pentz commented that the Resolution could not begin to express the impact Mr. Fairbanks has had, not only on the City of Phoenix, but on the city management profession in the United States. He added that Mr. Fairbanks will be missed.

Mr. Fairbanks expressed his appreciation for the kind words. He said that his view has always been that the focus of everyone in city government should be on serving the public. Mr. Fairbanks stated that those jobs on the front lines are more important than his job. He expressed that he felt that the quality of government in the MAG region is better than across the country, and he noted that the MAG organization also operates at a high level. Mr. Fairbanks received a standing ovation from the Management Committee and those in attendance.

### 4. Executive Director's Report

Dennis Smith, MAG Executive Director, reported to the Management Committee on items of interest to the MAG region. He noted that the MAG transportation public meeting to review the changes to the MAG Regional Transportation Plan 2010 Update, the MAG FY 2011-2015 Transportation Improvement Program, the Regional Freeway Program and the Regional Transit Program is scheduled for October 13, 2009, at 5:00 p.m. in the MAG Saguaro Room. Mr. Smith

stated that MAG Transportation Policy Committee Chair, Mayor Marie Lopez Rogers of Avondale, will chair the public meeting.

Mr. Smith noted that the MAG Certification Review of MAG's planning process, which is federally required to occur every four years, is scheduled for November 3-5, 2009. He reported that MAG has been working on the roles and responsibilities of MAG, Regional Public Transportation Authority (RPTA), Valley Metro Rail, and the City of Phoenix as the Designated Recipient of federal transit funds in preparation for the review. Mr. Smith stated that on September 21, 2009, the Executive Committee recommended having MAG assume transit programming responsibilities. He advised that the Executive Committee also initiated a review of the Trip Reduction Program, Regional Rideshare Program and Air Quality Education Programs to encourage more coordination of the programs, and staff will report back to the Executive Committee in 90 days. Mr. Smith stated that a Transit Committee was also formed and a memorandum was sent to the Management Committee requesting names to serve on the Committee.

Mr. Smith stated that MAG recently teamed with ECotality and Nissan North America to help introduce electric vehicles in the Sun Corridor. He noted that ETEC, a subsidiary of ECotality, received a \$99.8 million grant from the U.S. Department of Energy to undertake the largest deployment of electric vehicles and charging infrastructure in U.S. history. Mr. Smith announced that MAG is holding a one-half day workshop, perhaps in November or December, to inform the MAG member agencies how they can participate in this new technology. He commented that this could have special relevance to municipal fleets and permits for installation of electric vehicle infrastructure.

Mr. Smith stated that during October, which is Domestic Violence Awareness Month, the MAG Regional Domestic Violence Council is celebrating its tenth anniversary. He informed the Committee that a press conference was held October 13, 2009, to celebrate the achievements of the Council and to focus on work still to be done. Mr. Smith announced that a satellite flyer was at each place providing details on the month's planned events, including a broadcast training that will be held on October 27, 2009. He noted that organizations expected to attend include the Arizona Coalition Against Domestic Violence, the Glendale Police Department, the Glendale City Court, the Phoenix Police Department, and the Pima County Attorney's Office.

Mr. Smith stated that the National Association of Regional Councils Executive Directors Conference was held October 4-6, 2009, at the Sheraton Hotel in downtown Phoenix. He remarked that more than 120 people attended this conference, which broke the previous attendance record. Mr. Smith extended his appreciation to MAG's Chair, Councilwoman Peggy Neely from Phoenix, Mayor Marie Lopez Rogers from Avondale, Mayor Scott Smith from Mesa, Mayor Hickenlooper from Denver and Victor Mendez, who is the FHWA Administrator and the conference's keynote speaker. Mr. Smith thanked City of Mesa staff for their assistance in Mayor Hickenlooper attending the conference. He stated that there is a lot of discussion about reauthorization and a lot of effort on more project delivery coming through the region instead of the state. Mr. Smith stated that the ARRA exercise showed the difficulties of pushing local projects through the state process.

Mr. Smith expressed his personal appreciation to Mr. Fairbanks for everything he has done for MAG. He remarked that Mr. Fairbanks provided support to the MAG organization when it was needed.

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

Chair Pentz introduced and welcomed back to the Management Committee Mr. Bill Hernandez, the new Manager for the Town of Guadalupe.

5. Approval of Consent Agenda

Chair Pentz stated that agenda items #5A, #5B, #5C, #5D, #5E, #5F, #5G, #5H, #5I, #5J, #5K, #5L, #5M, and #5N were on the Consent Agenda. He reviewed the public comment guidelines for the Consent Agenda. Chair Pentz noted that no public comment cards had been received.

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

Mr. Brady moved to recommend approval of Consent Agenda items #5A, #5B, #5C, #5D, #5E, #5F, #5G, #5H, #5I, #5J, #5K, #5L, #5M, and #5N. Mr. Pettit seconded, and the motion carried unanimously.

Mr. Boggs left the meeting and was replaced by Mr. Jungwirth.

5A. Approval of September 16, 2009, Meeting Minutes

The Management Committee, by consent, approved the September 16, 2009, meeting minutes.

5B. 2009 Annual Report on Status of the Implementation of Proposition 400

A.R.S. 28-6354 requires that MAG issue an annual report on the status of regional transportation projects included in Proposition 400, which was approved by the voters in Maricopa County in November 2004. The 2009 Annual Report is the fifth report in this series and covers the status of the Life Cycle Programs for Freeways/Highways, Arterial Streets, and Transit. A Summary of Findings and Issues is included in the attached material and the full report is available on the MAG website. This item was on the agenda for information and discussion.

5C. Amendment to the MAG FY 2010 Unified Planning Work Program and Annual Budget to Add Funding to the ITS Evaluation - MAG Consultant On-Call Project

The Management Committee, by consent, recommended amending the MAG FY 2010 Unified Planning Work Program and Annual Budget to add \$50,000 of FY 2009 MAG Surface Transportation Program funds to the ITS Evaluation - MAG Consultant On-Call Project to improve the methods used to evaluate the air quality benefits of ITS projects proposed for Congestion Mitigation and Air Quality Improvement (CMAQ) Program funding. On June 25, 2008, the Regional Council approved the selection of on-call consultants to provide Intelligent

Transportation Systems (ITS) and Safety services for a period of two years. On May 27, 2009, the Regional Council approved the MAG FY 2010 Unified Planning Work Program and Annual Budget (UPWP), which includes \$30,000 for the ITS Evaluation - MAG Consultant On-Call Project. Each year, MAG receives dozens of requests from member agencies for CMAQ funding for ITS projects. In order to be CMAQ-eligible, projects must demonstrate a net reduction in emissions of air pollutants in nonattainment or maintenance areas. Recent changes to the EPA-approved emissions model have made it more difficult to quantify emission reductions associated with ITS projects. MAG requires consultant assistance to simplify the data requirements, improve the accuracy of the emission estimates, and reduce the time it takes to evaluate the air quality benefits of ITS projects proposed for CMAQ funding. A consultant qualified in ITS Evaluation would be selected from the existing on-call services contract. The proposed amendment to the UPWP would add \$50,000 of FY 2009 MAG Surface Transportation Program funds to the ITS Evaluation - MAG Consultant On-Call Project to improve the methods for evaluating the air quality benefits of ITS projects. On October 7, 2009, the MAG ITS Committee recommended approval of the amendment.

5D. Project Changes – Amendments and Administrative Modifications to the FY 2008-2012 MAG Transportation Improvement Program

The Management Committee, by consent, recommended approval of amendments and administrative modifications to the FY 2008-2012 Transportation Improvement Program, and as appropriate, to the Regional Transportation Plan 2007 Update as shown in the attached tables. The FY 2008-2012 Transportation Improvement Program (TIP) and Regional Transportation Plan 2007 Update were approved by the MAG Regional Council on July 25, 2007. Since that time, there have been requests from member agencies to modify projects in the programs. The proposed amendments and administrative modifications to the FY 2008-2012 TIP are listed in the attached table. These include requests to change locations for two CMAQ funded projects, new pavement preservation projects by the Arizona Department of Transportation (ADOT), and financial changes including amounts and type of funds for ADOT projects. Projects funded with the American Recovery and Reinvestment Act (ARRA) funds are included in these requested changes. On October 1, 2009, the Transportation Review Committee recommended approval of amendments and administrative modifications to the FY 2008-2012 Transportation Improvement Program, and as appropriate, to the Regional Transportation Plan 2007 Update. This item is revised to include three new requests from ADOT regarding right of way purchases. There is need of an additional \$70 million for the SR303L segment between I-10 to US-60 (Grand Avenue) to purchase needed right of way for construction. There is currently \$90 million in right of way funding programmed in this fiscal year on the South Mountain corridor. ADOT estimates that only \$20 million is needed for right of way acquisitions that are currently underway on the South Mountain corridor. The request to transfer \$70 million of right of way funds to the SR303L corridor from the South Mountain corridor. This request will not affect the current life cycle program cash flow.

5E. Consultant Selection for an Avondale Transit Circulator Study

The Management Committee, by consent, recommended approval of the selection of URS Corporation as the consultant to develop the Avondale Transit Circulator Study for an amount not

to exceed \$150,000. On June 10, 2009, the MAG Regional Council Executive Committee approved an amendment to the FY 2009 MAG Unified Planning Work Program and Annual Budget to include funding for a Transit Circulator Study for the City of Avondale. Since that time, MAG staff completed a Request for Proposals (RFP) process. Six proposals were received. A multi-agency review team evaluated the proposals, conducted consultant interviews, and recommended to MAG that URS Corporation be awarded the contract to develop the Avondale Transit Circulator Study for an amount not to exceed \$150,000.

5F. Consultant Selection for an Avondale Park and Ride Site Selection Study

The Management Committee, by consent, recommended approval of the selection of TranSystems as the consultant to develop the Avondale Park and Ride Site Selection Study for an amount not to exceed \$200,000. On June 10, 2009, the MAG Regional Council Executive Committee approved an amendment to the FY 2009 MAG Unified Planning Work Program and Annual Budget to include funding for a Park and Ride Site Selection Study for the City of Avondale. Since that time, MAG staff completed a Request for Proposals (RFP) process. Seven proposals were received. A multi-agency review team evaluated the proposals, conducted consultant interviews, and recommended to MAG that TranSystems be selected to develop the Avondale Park and Ride Site Selection Study for an amount not to exceed \$200,000.

5G. Don't Trash Arizona Litter Prevention and Education Contract Amendment

The Management Committee, by consent, recommended approval to amend the consultant contract with RIESTER for one additional year for the Litter Prevention and Education Program to include \$300,000 budgeted in the FY 2010 MAG Unified Planning Work Program and Annual Budget for litter prevention and education. The Regional Transportation Plan includes \$279 million for the freeway maintenance program, including litter control and prevention. In November 2003, MAG and the Arizona Department of Transportation (ADOT) signed a joint resolution that included development of a long-term litter prevention program to reduce freeway litter and defray pickup costs. The Don't Trash Arizona program was implemented in 2006 by MAG in cooperation with ADOT. In September 2008, the MAG Regional Council approved the selection of RIESTER as the consultant to design and implement the FY 2009 Litter Prevention and Education Program at a cost not to exceed \$380,000. The base contract period was for a one-year term, with a provision that MAG may, at its option, offer to extend the period of this agreement up to a maximum of two, one-year options, based on consultant performance and funding availability. The current contract expires on October 31, 2009. The MAG FY 2010 Unified Planning Work Program and Annual Budget includes \$300,000 in funding for litter prevention and education.

5H. Arterial Life Cycle Program Status Report

A Status Report on the Arterial Life Cycle Program (ALCP) is provided for the period between April and September 2009 and will include an update on ALCP Project work, the remaining Fiscal Year 2010 ALCP schedule, program deadlines, and program revenues and finances. This item was on the agenda for information.

5I. Conformity Consultation

On October 6, 2009, the Maricopa Association of Governments distributed a memorandum for consultation on a conformity assessment for an amendment and administrative modification to the FY 2008-2012 MAG Transportation Improvement Program (TIP). The proposed amendment and administrative modification involve several projects, including six new Arizona Department of Transportation projects. Since that time, MAG received a request from the Arizona Department of Transportation for additional project changes for the amendment and administrative modification including: DOT09-820, DOT10-6C36, and DOT10-6C38RW. The three projects are included in the revised table. Comments on the conformity assessment were requested by October 23, 2009. MAG has reviewed the projects for compliance with the federal conformity rule and has found that consultation is required on the conformity assessment. 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. The conformity finding of the TIP and the associated Regional Transportation Plan 2007 Update, as amended, that was made by the Federal Highway Administration and Federal Transit Administration on July 16, 2009 remains unchanged by this action. The conformity assessment was transmitted for consultation to the agencies listed above and other interested parties. This item was on the agenda for consultation.

5J. Additional Funding for a Sweeper on the Approved Prioritized List of Proposed PM-10 Certified Street Sweeper Projects for FY 2009 CMAQ Funding

The Management Committee, by consent, recommended approval of additional funding for a sweeper on the Approved Prioritized List of Proposed PM-10 Certified Street Sweeper Projects for FY 2009 CMAQ Funding. On January 28, 2009, the MAG Regional Council approved a Prioritized List of Proposed PM-10 Certified Street Sweeper Projects for FY 2009 CMAQ funding and retained the prioritized list for any additional FY 2009 CMAQ funds that may become available due to year-end closeout, including any redistributed obligation authority, or additional funding received by this region. On September 18, 2009, the Arizona Department of Transportation notified MAG that ADOT would not continue with their street sweeper project for FY 2008 CMAQ funding. With the deletion of the ADOT sweeper project and associated savings of \$166,491, the remaining \$52,281 for Buckeye sweeper #1 from the approved Prioritized List may now be funded.

5K. MAG FY 2011 PSAP Annual Element/Funding Request and FY 2011-2015 Equipment Program

The Management Committee, by consent, recommended approval of the MAG FY 2011 PSAP Annual Element/Funding Request and FY 2011-2015 Equipment Program for submittal to the Arizona Department of Administration. Each year, the Public Safety Answering Point (PSAP) Managers submit inventory and upgrade requests that are used to develop a five year equipment program that forecasts future 9-1-1 equipment needs of the region and will enable MAG to provide estimates of future funding needs to the Arizona Department of Administration (ADOA). The ADOA Order of Adoption stipulates allowable funding under the Emergency Telecommunications Services Revolving Fund. The MAG 9-1-1 PSAP Managers and the MAG

9-1-1 Oversight Team recommended approval of the MAG FY 2011 PSAP Annual Element/Funding Request and FY 2011-2015 Equipment Program.

5L. Application Process for the 2009 U.S. Department of Housing and Urban Development Stuart B. McKinney Funds for Homeless Assistance Programs

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) Stuart B. McKinney Continuum of Care Consolidated Application for the MAG region. The Continuum of Care grant supports permanent and transitional housing as well as supportive services. A total of \$172 million has been awarded to the region since 1999. Last year, the region received more than \$24.5 million for 53 projects serving homeless individuals and families. The 2009 federal application was released on September 25, 2009 and the Continuum of Care consolidated application is due to HUD on November 9, 2009. The Ranking and Review Panel provided a draft list of all new and renewal applicants requesting funds during this application process to the MAG Management Committee for information. Project applications were due to the Ranking and Review Panel on October 26, 2009. The final list of recommended projects were provided to the MAG Regional Council for information on October 28, 2009. Approval of the final consolidated application by the MAG Continuum of Care Regional Committee on Homelessness was expected on November 3, 2009. This item was on the agenda for information.

5M. Amendment to the MAG FY 2010 Unified Planning Work Program and Annual Budget to Reflect Changes in Human Services Funding

The Management Committee, by consent, recommended approval of a budget amendment to the FY 2010 MAG Unified Planning Work Program and Annual Budget to add a new grant from St. Luke's Health Initiative in the amount of \$25,320, and to remove the Innovative Grant from Governor's Brewer's Office in the amount of \$43,824 and the remaining balance of the FY 2010 Arizona Department of Economic Security homeless planning grant in the amount of \$7,500, resulting in a net reduction to the overall budget of \$26,004. The FY 2010 MAG Unified Planning Work Program and Annual Budget (UPWP) was approved by the MAG Regional Council on May 27, 2009. Recently, a new grant for Human Services that was not included in the FY 2010 MAG UPWP was awarded to MAG from St. Luke's Health Initiative in the amount of \$25,320. In addition, MAG received notice that two of the Human Services grants approved in the FY 2010 MAG UPWP – the Innovative Grant traditionally received from Governor's Brewer's Office for \$43,824 as well as the remaining balance of the FY 2010 Arizona Department of Economic Security homeless planning grant for \$7,500 – were not going to be awarded due to shortfalls in state funding. An amendment to the FY 2010 MAG UPWP is necessary to add a new grant and to remove two grants in Human Services that result in a net reduction to the overall budget of \$26,004.

5N. Video Outreach Associate Contract Amendment

The Management Committee, by consent, recommended approval of adding \$14,000 to the FY 2010 contract for the MAG Video Outreach Associate. The FY 2010 MAG Unified Planning

Work Program and Annual Budget approved by the MAG Regional Council in May 2009 includes \$24,000 for a Video Outreach Associate to assist in the writing and production of videos for its MAG Video Outreach Program. The Proposition 400 video has recently been completed and two additional projects are underway. To meet the demand for additional projects, staff recommends adding \$14,000 to the FY 2010 contract for the Video Outreach Associate.

6. Update on the American Recovery and Reinvestment Act (ARRA) of 2009: Re-allocation of Unused Local/MPO ARRA Funds – Policy Options

Eileen Yazzie, MAG Transportation Programming Manager, provided a briefing on the American Recovery and Reinvestment Act (ARRA) re-allocation of unused Local/MPO ARRA funds policy options. Ms. Yazzie requested that Management Committee members ask questions as she proceeded with her presentation. She noted that the MAG Transportation Review Committee (TRC) discussed this issue at its last meeting for about one and one-half hours, and debated four different motions. She displayed a slide of the TRC's recommendation to the Management Committee, which was different from the requested action on the agenda. Ms. Yazzie stated that the motion requests that MAG continue analysis of policy options in advance of establishing policy options in November. Ms. Yazzie explained that items one, two, and three are relevant to local projects and item four is relevant to transit projects. Ms. Yazzie stated that item five is regarding exploring a change to November 30, 2009 from a project obligation deadline to a milestone date.

Ms. Yazzie noted that since the TRC made its recommendation, it was realized that there is only one Regional Council meeting, on October 28, which falls prior to the November 30 deadline and one meeting, on December 9, which falls after the deadline. She noted that if the policies were not addressed at the October 28 meeting, the November 30 deadline would be missed. Ms. Yazzie stated that this is a technical and timing issue. She noted a proposed change to item five on the TRC recommendation to: "Modify the November 30, 2009 obligation deadline to a project development status review to determine the likelihood to obligate by March 2, 2009 with a final obligation/project development status review deadline in January to be determined." Ms. Yazzie commented that with Regional Council approval of that final date in December, staff thinks that the March 2, 2010 federal deadline could still be met if the November 30 hard project obligation deadline was changed to a project development milestone date.

Ms. Yazzie noted that the September status report on ARRA funds was mailed out in the agenda packet. She advised that the report is run at the 20<sup>th</sup> of each month, after the information is received from the Federal Highway Administration on the 16<sup>th</sup>, 17<sup>th</sup>, or 18<sup>th</sup> of the month. Ms. Yazzie added that the October status report would be ready for the October 21 Transportation Policy Committee meeting. She then explained the format of the status report.

Ms. Yazzie noted that the MAG Sub-allocated ARRA funds total about \$105 million, and this month the focus would be on the MPO/Local ARRA funds. She noted that MAG discussed the Highway ARRA funds last month, and RPTA is discussing the Transit ARRA funds through their process.

Ms. Yazzie stated that project savings are anticipated through project bids and awards coming in below estimates and a handful of projects not meeting the obligation deadline. Ms. Yazzie stated that a question at the TRC meeting was regarding the dollar amount of project savings. She said that preliminary calculations show it could be in the range of \$10 million to \$30 million, but it depends on the type of project and also if the project bids come in lower.

Ms. Yazzie stated that key factors that need to be considered as discussion moves forward include project eligibility per ARRA/STP guidance related to the Highway side, project readiness, and the ability to obligate on time.

Ms. Yazzie displayed the points of discussion at TRC on policy options for Local/MPO ARRA fund priorities: 1) Providing additional ARRA funds for existing ARRA projects (no increase in scope); 2) Reducing the local match, but not below the minimum set by MAG policy, for other federally funded projects that would obligate by the deadline; 3) Funding other local projects in the regional that are eligible for ARRA funds that could obligate by the deadline; 4) Allow local determination on the allocation of unspent funds to projects in their jurisdiction. Ms. Yazzie stated that staff will send out a request regarding the policy options to MAG member agencies to solicit any projects that fall in these four categories. Ms. Yazzie reported that MAG staff will meet on Tuesday with FHWA and ADOT regarding the unspent ARRA funds.

Ms. Yazzie displayed the policy options discussed at TRC on Transit ARRA fund priorities: 1) Transferring ARRA funds to transit for operations up to the \$6.4 million limit (ten percent of the ARRA Transit funds); 2) Transfer ARRA to transit for it to serve as a catchall, to the largest degree possible, before transferring funds to highway (there would be no payback of these funds); and 3) No exchange of funds. Ms. Yazzie reported that since the TRC meeting, they learned that Transit ARRA will have project savings, and the RPTA is having discussions focused around prioritizing Transit ARRA savings for operations and preventive maintenance.

Ms. Yazzie advised that per Highway/STP guidance, Local/MPO ARRA funds are not eligible for transit operations and preventive maintenance, and any transfer at this point needs to be for capital and construction projects.

Ms. Yazzie displayed the points discussed by the TRC for Highway ARRA fund priorities: 1) Transfer any remaining funds over to ADOT, if necessary; 2) Include ADOT/Highway as a catchall to ensure that all of the regional ARRA funds are obligated by the federally mandated deadline; 3) Exchange with STP funds.

Ms. Yazzie concluded her presentation by showing the proposed motion on screen that included the possible change to the motion. Chair Pentz thanked Ms. Yazzie for her report and asked members if they had questions.

Mr. Smith asked for clarification if the November 30 date changes to a milestone date that FHWA at that point would be able to make a determination if the project could meet the obligation deadline. Ms. Yazzie replied that was correct; MAG staff will be working with FHWA and ADOT on the obligation deadline through October and November. She noted that by the

November status report projects will have projected obligation deadlines, but do not have them today.

Mr. Brady asked if there would be a competing priority for the additional funds. Ms. Yazzie replied that was correct. She added that the TRC will examine the priority order of policy options in November.

Mr. Meyer asked for clarification of the funds that might be transferred to transit. Ms. Yazzie replied that there is more flexibility to transfer the ARRA funds to ADOT, which has regular STP funds to transfer back and forth with MAG, and can be used as a sort of exchange mechanism. She explained that MAG could transfer the ARRA funds to ADOT, which could obligate them by the March 2, 2010 deadline, and MAG could then reprogram those projects with regular STP funds, which has a September 10, 2010 deadline. Ms. Yazzie stated that a transfer of ARRA Highway funds to transit is a direct transfer; once they leave FHWA and go to FTA, it closes the books. She added that transit cannot transfer back funds. Ms. Yazzie also clarified that per Highway eligibility criteria, ARRA funds cannot be used for transit operations and preventive maintenance.

Mr. Meyer asked if there were any restrictions for the funds that are eligible to be used for transit operations and preventive maintenance. Ms. Yazzie replied that the only ARRA funds eligible to be used for transit operations and preventive maintenance are Transit ARRA funds, which have the obligation deadline of March 2, 2010. Ms. Yazzie noted that transit projects are also seeing project savings and RPTA is looking to prioritize the savings to transit operations, and she added that the Highway funds cannot be used for operations.

Mr. Meyer asked if operations was defined as related to projects or to continuation of service that might be cut as a result of loss of funding sources. Ms. Yazzie replied that the funds could be used for bus, rail, or ADA paratransit service that could be cut due to budget issues.

Mr. Jungwirth offered a clarification on the transfer of Highway funds to Transit, which is limited to \$6.4 million. He said that if some of the funds are moved from Highway to Transit, it would have to go to capital projects and then it becomes an accounting game. He said that ADA would be limited to \$6.4 million, but preventive maintenance is wide open within the confines of accounting.

Mr. Beasley asked the advantages and disadvantages of changing the deadline, and if the funds are not required to have design or environmental study, if they could be moved to transit. Eric Anderson, MAG Transportation Director, replied that the advantage of moving the deadline is there are many projects scheduled to obligate in December and January. He commented that November 30 as a hard deadline means that clearances must be in place and ADOT and FHWA have signed off (obligated) on a project by that date; if not, a project has not met the deadline. Mr. Anderson stated that this means that a significant amount of money could come back to the region that could be flexed to transit; however, there is one caveat – there could be some deadlines required by FHWA for processing. Mr. Anderson explained that typically, as soon as FHWA effectuates a transfer to FTA, those funds are considered to be obligated, however, staff is not sure this applies to ARRA funds. He added that staff is currently investigating the amount of time

needed by FTA to certify transit projects once the Highway funds are transferred to FTA. Mr. Anderson explained that they are working with FTA in San Francisco to determine the date on which they could transfer Highway ARRA funds to transit and still obligate. Mr. Anderson noted that with a hard deadline of November 30, there would be a number of projects at risk and there would probably be \$40 million to \$60 million on the table, and he was not sure MAG would be able to re-obligate those funds. He also mentioned that a lot of effort was put forth by ADOT to get the consultants in place and coordinate with jurisdictions on their projects. Mr. Anderson commented that the projects took longer to start than was first thought. He stated that there are a lot of projects to obligate in December and January, and he thought it might be unfortunate if a project was one week away from being obligated and November 30 rolled around and a jurisdiction was told they were out of luck. Mr. Anderson expressed that it is important to obligate 100 percent of the ARRA funds in the region and to do that, we must be creative.

Mr. Beasley commented that he did want to see anyone excluded, but transit could use the funding right now. He expressed his hope that a list of those projects that could and could not make the timeframe could be ascertained quickly. Mr. Anderson added that we also need to be concerned about the inventory of shovel-ready transit projects and that they have time to go through the FTA certification process.

Chair Pentz asked for clarification that the alternative projects have not been prioritized. Mr. Anderson replied that was correct. Chair Pentz asked if shovel ready projects would be considered, in addition to transit projects. Mr. Anderson replied that was correct. He said that MAG has an inventory of other federally funded projects in the TIP that may be ready to go and may be able to accommodate more federal funds. Mr. Anderson advised that the TRC did not recommend any prioritization because they wanted more information, and staff will be doing an analysis to present to the TRC at their next meeting the end of October.

Mr. Fairbanks expressed his support for the TRC recommendation, including the change to the January date, because the hidden benefit is spending the funds anywhere in the region putting people to work instead of returning the money to Washington, D.C. He commented that a lot of people are losing their homes and their cars due to lack of work and it is critical that MAG as a group spend the funds and improve the economic situation in the region. Mr. Fairbanks said that it appears the best to do this is to extend the deadline a bit to help cities go through the lengthy process and complete their projects. He stated that there is a risk of extending the deadline too far and then there is not enough time for reallocation. Mr. Fairbanks stated that all of the projects are critical, but in the long run, the largest benefit is getting the economy going by getting people back to work. He stated that initially, he was concerned for extending the deadline, but as staff explained it, an extension to January should allow several cities to complete their projects on which they worked hard and still have time to re-obligate other projects in the region.

Mr. Meyer expressed his support for the recommendations and priorities but wanted to add an emphasis to transit and in particular, operations. He said that in reality, transit services will be lost as a result of the economic downturn and may be difficult to restore. Mr. Meyer noted that people have built their lives around the availability of transit service and rely on it, and he suggested perhaps bridging the gap until other funding sources reinvigorate. He commented that it seemed a shame to lose those services in the interim and then have to start them up again. Mr.

Meyer expressed his hope that whatever funds are available for transit operations could be maintained as part of the priority.

Mr. Little asked if January would be a hard deadline or a planning horizon that would be reevaluated as the date approached. Mr. Anderson replied that he thought it would be a hard deadline because time is needed for the reallocation process, and a January date would provide only one month for this process. He added that staff will be talking to the federal partners about the amount of time they need to complete the paperwork.

Mr. Dille expressed his support for the recommendations and echoed a lot of the sentiments expressed. He extended his compliments to MAG staff and the TRC. Mr. Dille stated that MAG has the unique opportunity to stimulate the economy and he appreciated the recommendation which provides enough time to reallocate the funds. He stated that the Town of Queen Creek is in full support of the staff recommendations as presented and he was prepared to make a motion.

Mr. Brady expressed his support for the comments made regarding transit. He asked for clarification that when this process began it was not known that the funds could be used for this purpose. Ms. Yazzie replied that was correct. Mr. Brady commented that he thought his priorities would have been different if he had known that. He said that he supported extending the deadline, and that is a very important element for members to know.

Mr. Dille moved to recommend that MAG staff explore the following uses for the reallocation of unobligated ARRA be considered, with the priorities for the uses be set next month based on further consideration: 1) Additional ARRA funds for existing ARRA projects, however, no increase in scope would be allowed, 2) Reduction in the local match, but not below the minimum set by MAG policy, for other federally funded projects that will obligate by the deadline; 3) Other local projects in the region that are eligible for ARRA funds and can obligate by the deadline; 4) Transfer funds to Transit; and 5) Modify the November 30, 2009 obligation deadline to a project development status review to determine the likelihood to obligate by March 2, 2010 with a final obligation/project development status review deadline in January to be determined. Mr. Fairbanks seconded, and the motion passed unanimously.

7. Transportation Planning Update - Proposition 400 Regional Freeway Program

Mr. Anderson reported that sales tax revenue continues to be soft and has been down for 22 straight months, but the revenue change in May 2009 grew less negative. He stated that the adjustments done last year and early this year took most of the impact of the economic downturn out of the projections. Mr. Anderson noted that the sales tax revenue is basically back to 2005, and four to five years of growth were taken out of the program. He advised that there was a bump in July due to the Cash for Clunkers program, but the construction and hospitality industries remain weak.

Mr. Anderson displayed a map of the foreclosed residential properties for sale as of September 2009, which totaled 13,572 properties. The next map showed a total of 47,069 residential properties facing foreclosure as of September 2009, and he added that some will not end up in foreclosure due to the loan modification programs. Mr. Anderson displayed a map of the two

previous maps combined and he brought up the concern that many of the foreclosed properties will be bought by investors and will end up as rentals. He noted that there was an article recently in *The Arizona Republic* about the current competition in the rental market.

Mr. Anderson stated that the Phoenix-Mesa unemployment rate was 8.3 percent, which is lower than a lot of other metro areas. He said that this region has a more transient work force and people may have moved elsewhere, or people might have become discouraged looking for work. Mr. Anderson noted that the region's unemployment rate has increased more than five percent over the past three years. He stated that the one year change in the unemployment rate has not gotten as bad as other metro areas, probably because the MAG region's unemployment happened early on in the economic downturn. Mr. Anderson noted that the unemployment rate in the Las Vegas region increased six percent in one year.

Mr. Anderson stated that the selling price per square foot for housing is now less than \$100, when at the peak it was in the \$150 per square foot range. He commented that this is bad news for those who bought homes in 2006, but good news for those buying a home today. Mr. Anderson commented that the market is adjusting and he thought the commercial real estate market still had a way to go.

Bob Hazlett, MAG Senior Engineer, provided a presentation to the Management Committee on the tentative scenario that has been developed to address the funding gap in the Regional Freeway and Highway Program. He said that the Regional Transportation Plan budget is about \$9.4 billion and the ADOT cost opinion is approximately \$16 billion. Mr. Hazlett stated that projects obligated in FY 2010 total about \$2.7 billion and ADOT's cost opinion to complete the program is approximately \$13 billion. He noted that approximately \$6.6 billion is available to finish the program, leaving a deficit of \$6.6 billion.

Mr. Hazlett stated that the tentative scenario was based on four guiding principles: management strategies, value engineering, deferrals, and stay the course. He noted that management strategies (how the program is being administered) identified about \$800 million in cost savings, due to lower construction costs, right of way prices, and systemwide costs for such things as the freeway management system, costs for right of way acquisition, maintenance, noise mitigation, management consultants, and minor projects. Mr. Hazlett stated that the other guiding principles were value engineering, deferrals, and staying the course to maintain core enhancements.

Mr. Hazlett displayed a map of the project changes in the tentative scenario, and commented that the recommendations to bring the program in balance occur Valleywide. Mr. Hazlett stated that the value engineering recommendations focused mostly on new corridors (Loop 303 from I-10 to I-17) and Loop 202 (South Mountain) and represent approximately \$1.7 billion in savings. He noted that the RTP estimate for Loop 303 was \$1.4 billion and the 2009 ADOT cost opinion was approximately \$2.9 billion. Mr. Hazlett reported that value engineering reduced the cost to complete corridor about \$1.3 billion.

Mr. Hazlett stated that the ADOT cost opinion for the Loop 303/I-10 interchange was \$760 million in June 2008, and this amount has been reduced to \$518 million, which might be further reduced to about \$400 million. He noted that the City of Surprise agrees with the alternative

design for the US-60/Grand Avenue traffic interchange that will save about \$150 million and will retain service levels.

Mr. Hazlett indicated that staff is working with the City of Glendale, City of Peoria, City of El Mirage, and Maricopa County to get the best connection at the ramps at Northern Parkway and Loop 303 to accommodate travel demand.

Mr. Hazlett stated that the RTP included approximately \$1.1 billion for the South Mountain Freeway, and it appears the cost could be reduced to about \$1.9 billion from the ADOT cost opinion of about \$2.5 billion by utilizing the narrower Proposition 300 cross section, selecting a 59th Avenue alignment, and applying lower construction and right of way contingency costs. Mr. Hazlett replied that ADOT owns about 95 percent of the right of way needed.

Mr. Hazlett said that they looked at deferrals in three different categories: entire corridor deferral, general purpose land deferrals, and right of way preservation deferrals. He displayed a map of the deferrals and noted that the largest was the I-10 Reliever (SR-801) from SR-85 to Loop 202, which makes the Loop 303 from SR-801 to I-10 a likely candidate for deferral. Mr. Hazlett noted that an interim facility will be constructed on SR-802 from Ellsworth to Loop 202, but defer the rest of the corridor.

Mr. Hazlett noted that the recommendation is to build out the HOV lane system on Loop 101 and Loop 202, and he noted that their construction in the median is a cost effective way to create capacity. He stated that the general purpose lane deferrals included those on the Agua Fria Freeway, I-17, SR-51, and Loop 202 from Gilbert Road to US-60 and US-60 to I-10. Mr. Hazlett said that they recommend general purpose lanes be constructed on the Pima and Price freeways and a section of Loop 202. Mr. Hazlett stated that the tentative scenario recommends the direct HOV ramps at the I-10 and I-17 interchanges be deferred at this time, due to the significant reconstruction of both traffic interchanges that would be required.

Mr. Hazlett stated that the tentative scenario recommends the right of way protection for SR-74 and Loop 303 be deferred.

Mr. Hazlett noted that included in the tentative scenario is a draft deferral policy for the TPC to consider because there needs to be some sort of policy to bring the projects back into the program. Mr. Hazlett stated that there are two principles in the draft policy: 1) Maintain the original project priority, and as funds become available the projects could be brought back in. 2) Capture the cost savings from a deferred corridor.

Mr. Hazlett reviewed the stay the course recommendations, and said they were a repackaging of sorts. He noted that the tentative scenario includes \$1 billion for I-17 from the I-10 Split to the Arizona Canal, adding more general purpose lanes on I-10 from Loop 101 to I-17, and improving the west Sky Harbor interchange to accommodate Homeland Security measures.

Mr. Hazlett stated that the management strategies could save about \$800 million, value engineering about \$1.7 billion, deferrals about \$4.1 billion, and stay the course about \$30 million,

bringing the new regional freeway program cost opinion to about \$9.4 billion – the amount in the original RTP.

Mr. Hazlett stated that the tentative scenario document, which is posted online, includes a 30-page summary, tables of projects by corridor and phase, maps, and the presentation given to the TPC in June 2009, which showed the changes corridor by corridor. He said that the document also includes recommendations on how to bring projects back into the program, how to do a better job of revenue monitoring, looking for opportunities for future funds, alternative funds, and other federal funds, project delivery methods, and right of way preservation. Chair Pentz asked members if they had questions for Mr. Hazlett or Mr. Anderson.

Mr. McClendon expressed appreciation for the work done by MAG staff. He said that the TPC requested that action be delayed to ensure that this was the best option to balance the program. Mr. McClendon stated that after several months of meetings, this is as good a plan as any plan to deal with the situation. He expressed his concern with deferrals, especially Loop 303 and the South Mountain that were deferred from Proposition 300 and are no closer to being built than they were 20 years ago. Mr. McClendon stated that to assume because they are still in the plan that they will be built someday requires a big leap of faith.

Mr. Little commented on value engineering by saying that as we do value engineering, so does the construction industry, and it takes expense away from wages, safety, and materials. He encouraged inspecting projects and ensuring that we are not value engineering out the features we want to see in our projects.

#### 8. Legislative Update

Nathan Pryor, Senior Policy Planner, provided an update on legislative issues of interest. He said that his presentation would focus on the Federal FY 2010 appropriations, Reauthorization, and the status of the TIGER grants.

Mr. Pryor stated that October 1, 2009, marked the start of the federal fiscal year 2010. He reported that Congress has not yet passed the FY 2010 appropriations for transportation, but did pass a 30-day continuing resolution, which may be extended through the Thanksgiving holiday.

Mr. Pryor stated that the Transportation Investment Generating Economic Recovery (TIGER) was a provision in the ARRA legislation. He said that more than \$56 billion in applications have been received, with Arizona applying for \$1.78 billion worth of projects, which ranks ninth nationally. Mr. Pryor stated that the approval of applications is expected in January or February 2010. No questions from the Committee for Mr. Pryor were noted.

#### 9. Request for Future Agenda Items

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

No requests were noted.

10. Comments from the Committee

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

No comments were received from the Committee.

11. Adjournment

There being no further business, Vice Chair Swenson moved to adjourn the meeting. Mr. Pettit seconded. The meeting adjourned at 1:25 p.m.

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Chair

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Secretary

# **MARICOPA ASSOCIATION OF GOVERNMENTS**

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

**DATE:**

November 10, 2009

**SUBJECT:**

MAG Fiscal Year 2010 Traffic Signal Optimization Program Project Recommendations

**SUMMARY:**

The Fiscal Year (FY) 2010 MAG Unified Planning Work Program and Annual Budget, approved by the MAG Regional Council in May 2009, includes \$321,000 for the FY 2010 Traffic Signal Optimization Program (TSOP) to improve traffic signal timing. A formal request for TSOP projects was announced by MAG on July 17, 2009, and 12 project applications were received. A regional workshop to provide training on signal timing software has also been included in the list of projects in response to requests received from MAG member agencies.

Since its inception in 2004, the MAG Traffic Signal Optimization Program (TSOP) has successfully completed thirty-eight projects that improved traffic signal timing at more than 400 intersections across the region. Projects launched through this program provide technical assistance to member agencies for improving traffic signal coordination, optimization and review of operations through simulation modeling. Technical assistance is provided by consultants under contract with MAG for on-call consulting services.

Traffic signal optimization is one of the most cost-effective ways to improve traffic movement and make our streets safer and efficient. Signal optimization is performed for any or all of the following reasons:

- To adjust signal timing to account for changes in traffic patterns due to new developments and traffic growth
- To reduce motorist frustration and unsafe driving by reducing stops and delay
- To improve traffic flow through a group of signals, thereby reducing emissions and fuel consumption
- To postpone the need for costly long-term road capacity improvement by improving the traffic flow using existing resources

Signal optimization projects have been found to produce benefit to cost ratios as high as 40 to 1. This program, enthusiastically championed by the Intelligent Transportation Systems Committee, provides traffic engineering assistance for refining signal operations across the MAG region. A typical TSOP project costs around \$25,000. These projects do not require a local match.

**PUBLIC INPUT:**

None.

**PROS & CONS:**

PROS: The proposed TSOP projects, when implemented, will result in improved traffic operations and reductions in gasoline consumption and vehicular emissions.

CONS: None.

**TECHNICAL & POLICY IMPLICATIONS:**

TECHNICAL: It is essential that local agency technical staff assist in coordinating the execution of these projects by the designated MAG on-call consultant. This will require staff participation.

POLICY: None.

**ACTION NEEDED:**

Recommend approval of the list of FY 2010 Traffic Signal Optimization Program (TSOP) projects.

**PRIOR COMMITTEE ACTIONS:**

MAG Transportation Review Committee: On October 1, 2009, the MAG Transportation Review Committee recommended approval of the proposed list of TSOP projects.

MEMBERS ATTENDING

- Peoria: David Moody, Chair
- ADOT: Steve Hull for Floyd Roehrich
- Avondale: Shirley Gunther for David Fitzhugh
- Buckeye: Jose Heredia for Scott Lowe
- Chandler: RJ Zeder for Patrice Kraus
- El Mirage: Lance Calvert
- Fountain Hills: Randy Harrel
- \* Gila Bend: Rick Buss
- \* Gila River: Sreedevi Samudrala for Doug Torres
- Gilbert: Michelle Gramley for Tami Ryall
- Glendale: Terry Johnson
- Goodyear: Cato Esquivel
- Guadalupe: Gino Turrubiarres
- \* Litchfield Park: Woody Scouten for Mike Cartsonis
- Maricopa County: John Hauskins
- Mesa: Brent Stoddard for Scott Butler
- Paradise Valley: Bill Mead
- Phoenix: Ed Zuercher
- Queen Creek: Wendy Kaserman
- RPTA: Bryan Jungwirth
- Scottsdale: Dave Meinhart
- Surprise: Bob Maki
- Tempe: Jyme Sue McLaren for Chris Salomone
- Valley Metro Rail: John Farry
- Wickenburg: Rick Austin
- Youngtown: Grant Anderson for Lloyce Robinson

EX-OFFICIO MEMBERS ATTENDING

- \* Regional Bicycle Task Force: Jim Hash
- \* Street Committee: Darryl Crossman
- \* ITS Committee: John Abraham
- Pedestrian Working Group: Brandon Forrey
- \* Transportation Safety Committee: Kerry Wilcoxon
- \* Members neither present nor represented by proxy.
- # - Attended by Audioconference
- + - Attended by Videoconference

MAG Intelligent Transportation Systems Committee: On September 2, 2009, the MAG Intelligent Transportation Systems Committee recommended approval of proposed list of TSOP projects.

MEMBERS ATTENDING

- Lydia Warnick for Scott Nodes, ADOT
- + Soyoung Ahn, ASU
- Gus Woodman, City of Avondale
- \* Thomas Chlebanowski, Town of Buckeye
- Mike Mah, City of Chandler
- Jenna Mitchell, DPS
- Jerry Horacek City of El Mirage
- Jennifer Brown, FHWA
- Kurt Sharp, Town of Gilbert
- + Debbie Albert, City of Glendale
- Luke Albert, City of Goodyear
- Nicolaas Swart, Maricopa County
- Derrick Bailey, City of Mesa
- Ron Amaya, City of Peoria
- Marshall Riegel, City of Phoenix
- Bob Ciotti, Phoenix Public Transit
- Michael Pacelli, Town of Queen Creek
- \* Bruce Dressel, City of Scottsdale
- John Abraham, City of Surprise
- \* Jim Decker, City of Tempe
- \* Arkady Bernshteyn, Valley Metro Rail

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

**CONTACT PERSON:**

Sarath Joshua (602) 254-6300.

### FY2010 Recommended List of TSOP Projects

	Lead Agency	Other Agencies	Project Descriptions	# Intx	Est Cost	Contact	Training
1	Avondale	ADOT, MCDOT, Goodyear	The tasks associated with this project would include: 1. Field review of each project intersection 2. Collection of signal plans for all three models 3. Collect traffic counts for the corridor to corridor intersections 4. Review and modify the existing A	29	\$25,000.00	Gus Woodman	
2	Chandler		Collect traffic turning movement counts for three times of the day; AM peak 6-8 am, Mid-day 11-1 pm, and PM peak 4-6pm for 60 selected intersections.	60	\$25,000.00	Debra Bieber	1
3	Fountain Hills		Optimize and coordinate the six existing traffic signals in Fountain Hills' downtown area; Update and unify emergency vehicle pre-emption for these signals	6	\$24,000.00	Randy Harrel	3
4	Glendale	ADOT	This project will evaluate different phasing options (3-phase, 4-phase), left-turn options (lead vs. lag) and timing options at the freeway interchange. This project will also seek to coordinate the adjacent 75th Avenue signals with the freeway interchang	5	\$15,000.00	Avery Rhodes	2
	Goodyear		Request for Synchro training				4
5	MAG		Regional Synchro Training Workshop	NA	\$10,000.00	Leo Luo	
6	Maricopa County		Obtain turning movement counts for MCDOT critical intersections. This data will be used by MCDOT Traffic Engineering staff to develop safe and efficient timing and operation for these signalized intersections.	30	\$25,000.00	Bob Steele	
7	Maricopa County		Perform a field audit of individual isolated traffic signal systems. The audit will document the traffic management operational capabilities of each traffic signal system. MCDOT traffic engineering staff will use this information to develop a safe and ef	25	\$25,000.00	Bob Steele	
8	Mesa		To develop a single Synchro network that includes all signals in the City of Mesa, and also includes future arterials in east and southeast Mesa so that intersections can be easily added to the network as growth occurs.	398	\$25,000.00	Derrick Bailey	3
9	Peoria		This project will entail obtaining mid-day turning movement counts at signalized intersections city-wide, in order for staff to optimize mid-day signal coordination.	101	\$25,000.00	Ron Amaya	
10	Phoenix	ADOT, MCDOT	This project will develop a Synchro network model of McDowell Road and Van Buren Streets. Together they have been identified as an alternate routes for I-10 for incident management and for excess demand conditions. This project will develop a traffic ne	22	\$25,000.00	Marshall Riegel	
11	Queen Creek		This project would utilize the TSOP on-call consultant to collect volume and turning movement counts at 16 intersections; then use that data to develop coordinated patterns and time of day plans for those intersections within the existing SYNCHRO base mod	16	\$20,000.00	Michael Pacelli	
12	Surprise	ADOT	The objectives of this project will be to provide a Synchro base model and acquire the necessary data to develop inter-jurisdictional signal coordination for 11 existing signals along Greenway Road. Additionally, this project will develop ingress and egre	11	\$25,000.00	John Abraham	
13		MCDOT	The objectives of this project will be to provide an updated Synchro base model and acquire the necessary data to develop inter-jurisdictional signal coordination for 8 existing intersections along Litchfield Road. Additionally, this project will develop	8	\$25,000.00	John Abraham	
<b>Total Amount</b>					<b>\$294,000.00</b>	<b>Workshop Attendees</b>	<b>13</b>

# **MARICOPA ASSOCIATION OF GOVERNMENTS**

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

**DATE:**

November 10, 2009

**SUBJECT:**

Revisions to the Arterial Life Cycle Program Policies and Procedures

**SUMMARY:**

The Arterial Life Cycle Program (ALCP) is a key part of Proposition 400 and represents more than \$1.7 billion of regional investment over the next 20 years. The ALCP Policies and Procedures provide guidance to MAG and to MAG member agencies to ensure that the program is implemented in an efficient and effective manner. Revisions are now required to the ALCP Policies and Procedures that were approved by the MAG Regional Council on April 22, 2009. The proposed revisions include refinements to policies that address the reallocation of ALCP project savings.

MAG member agencies expressed concerns about the current Arterial Life Cycle Program (ALCP) Policies and Procedures ("Policies"). Specific concerns conveyed to MAG staff included the reallocation of project savings, data issues, the Regional Area Road Fund (RARF) Closeout Process, and the use of surplus/deficit program funds. On September 3, 2009, MAG staff and the ALCP Working Group met to address these concerns and develop potential revisions to the approved ALCP Policies and Procedures.

A memorandum is attached and details the current policies discussed and ALCP Working Group policy recommendations. The ALCP Working Group recommended the clarification of existing policies in Section 350 of the Policies, which address the reallocation of ALCP project savings. The proposed revisions would permit the reallocation of project savings once a project segment is complete if the project segment is contained and administered wholly within one jurisdiction. For multi-jurisdictional projects, the ALCP Working Group recommended adding a new policy requiring a MAG member agency to obtain consensus from any partnering agency(s) on the reallocation of project savings from an incomplete corridor toward another project programmed in the ALCP.

The proposed revisions to Section 350 of the ALCP Policies and Procedures are attached. Text added to the approved April 22, 2009 ALCP Policies and Procedures is in **bold underline**. Text removed from the April 22, 2009 ALCP Policies and Procedures is noted in **bold-strikeout**.

**PUBLIC INPUT:**

There was no public comment at the October 29, 2009 Transportation Review Committee.

**PROS & CONS:**

**PROS:** The proposed revisions to the Arterial Life Cycle Program Policies and Procedures (Policies) provide MAG staff and MAG member agencies with guidance on the reallocation of project savings. Once the proposed revisions to the Policies are approved, MAG staff may administer the program in accordance with the suggested direction of the MAG member agencies. If not approved, MAG staff will not have sufficient guidance to make determinations on the reallocation of ALCP project savings for multi-jurisdictional projects.

CONS: There are no cons to approving the proposed changes to the April 22, 2009 ALCP Policies and Procedures.

**TECHNICAL & POLICY IMPLICATIONS:**

TECHNICAL: MAG will be able to continue implementation of the ALCP.

POLICY: A.R.S. 28-6352 (B) required that MAG performs life cycle management for the arterial street component of the RTP.

**ACTION NEEDED:**

Recommend approval of the proposed changes to Section 350 of the ALCP Policies and Procedures.

**PRIOR COMMITTEE ACTIONS:**

Transportation Review Committee recommended approval of the proposed changes to the ALCP Policies and Procedures on October 29, 2009.

MEMBERS ATTENDING

- Peoria: David Moody
- ADOT: Steve Hull for Floyd Roehrich
- # Avondale: David Fitzhugh
- Buckeye: Scott Lowe
- Chandler: Dan Cook for Patrice Kraus
- El Mirage: Pat Dennis for Lance Calvert
- Fountain Hills: Randy Harrel
- \* Gila Bend: Rick Buss
- Gila River: Sreedevi Samudrala for Doug Torres
- Gilbert: Michelle Gramley for Tami Ryall
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- Goodyear: Cato Esquivel
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- \* Litchfield Park: Woody Scoutten for Mike Cartsonis

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EX-OFFICIO MEMBERS ATTENDING

- \* Street Committee: Darryl Crossman
- \* ITS Committee: John Abraham

- Bicycle/Pedestrian Committee: Peggy Rubach
- \* Transportation Safety Committee: Kerry Wilcoxon

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

**CONTACT PERSON:**

Christina Hopes, Transportation Planner II, 602-254-6300, chopes@mag.maricopa.gov

November 10, 2009

TO: Members of the MAG Management Committee

FROM: Christina Hopes, Transportation Planner II

SUBJECT: ARTERIAL LIFE CYCLE PROGRAM POLICY AND PROCEDURE OPTIONS

MAG Member Agencies expressed concerns about the current Arterial Life Cycle Program (ALCP) Policies and Procedures ("Policies") after revisions to the Policies were approved by the MAG Regional Council on April 22, 2009. Specific concerns conveyed to MAG Staff included the policies on the reallocation of project savings and the use of surplus/deficit program funds. In an effort to address these concerns, MAG Staff conducted an ALCP Working Group meeting to determine if revisions to the approved Policies were needed.

#### BACKGROUND

In 2004, the Maricopa Association of Governments (MAG) initiated the development of the Arterial Life Cycle Program (ALCP, or the "Program") to provide management and oversight for the implementation of the arterial component of the Regional Transportation Plan (RTP, or the "Plan"). The original version of the ALCP Policies and Procedures were approved by the Transportation Policy Committee on June 22, 2005 and by the Regional Council on June 29, 2005. The current version of the ALCP Policies and Procedures ("Policies") was approved by the Regional Council on April 22, 2009.

On September 3, 2009, the ALCP Working Group met to discuss potential revisions to the Policies. Topics covered at the meeting included the reallocation of project savings, the use of surplus/deficit program funds, the definition of a "completed/closed out" project as it applies to RARF Closeout, and data issues encountered during the annual update process. Below is a summary of the issues, current policies as listed in the approved ALCP Policies and Procedures as well as any recommendations made by the ALCP Working Group.

#### **REALLOCATION OF PROJECT SAVINGS**

The reallocation of ALCP Project Savings is outlined in Section 350 of the Policies. The current policy requires additional refinement because it is unclear if project savings must remain with the project until the entire corridor is completed. Furthermore, the current policy does not provide guidance on how the reallocation of project savings should be treated for multi-jurisdictional projects versus projects contained and administered wholly within one jurisdiction.

#### CURRENT POLICY

- A. Project Savings from the ALCP will not be determined by MAG to be eligible for reallocation, unless and until:

1. Construction has been completed and the work satisfies the original intent and scope of the Project, as included in the Project Agreement and Project Overview, and there are remaining regional funds allocated to the Project; OR,
    - a. A high degree of certainty is obtained that construction for the original ALCP Project will be completed consistent with the Project Agreement and Project Overview specified scope and schedule.
  2. If applicable, right-of-way, or other capital assets acquired with ALCP funds not used in the ALCP Project are disposed of at market rates and the funds returned to the ALCP.
- B. ALCP regional funds found by MAG to be surplus to an ALCP Project, and for which certain criteria as established below are met, may be noted as Project Savings and reallocated to an ALCP Project in that jurisdiction depending on the availability of Program funds. Project Savings may be reallocated:
1. To another ALCP Project or Projects, in the jurisdiction to address a budget shortfall, not to exceed 70 percent of the actual total Project costs.
  2. To advance a portion or entire existing ALCP Project or Projects in the jurisdiction up to the amount of available Project Savings.
  3. If there are ALCP Project Savings that are not reallocated and the ALCP is completed, then new Project(s) for that jurisdiction may be funded.

#### POLICY RECOMMENDATION

The ALCP Working Group recommended the clarification of existing policies. The proposed revisions would permit the reallocation of project savings once a project segment is complete if the project segment is contained and administered wholly within one jurisdiction. For multi-jurisdictional projects, the ALCP Working Group recommended adding a new policy requiring a Lead Agency to obtain consensus from any partnering agency(s) on the reallocation of project savings from an incomplete corridor toward another project programmed in the ALCP.

#### **USE OF SURPLUS OR DEFICIT PROGRAM FUNDS**

Section 270 of the Policies addresses the use of surplus or deficit program funds. MAG Member Agencies suggested revisiting the existing policies to determine if any revisions should be made. In particular, concerns were expressed about the current deficit of program funds due to the decline in the transportation half-cent sales tax revenue collection and the likelihood that additional reimbursements may be deferred to Phase V of the program during the annual update of the Program.

#### CURRENT POLICY

- A. If a surplus in Program funds occurs, existing Projects may be accelerated. Any acceleration will occur according to priority order of the ALCP.
  1. For Projects to be accelerated, matching local funds must be committed.
  2. If there are no current Projects ready for acceleration, the next Project scheduled for reimbursement may be accelerated.
  3. If there are surplus funds available upon the full completion of the ALCP, the MAG Transportation Policy Committee will discuss options regarding additional Projects.
- B. ALCP Projects may be delayed if there is a deficit of Program funds. ALCP Projects will be delayed in priority order of the ALCP.

#### POLICY RECOMMENDATION

None. Although the ALCP Working Group agreed the deficit of program funds was a concern, participants did not propose any revisions to the existing policies.

## **RARF CLOSEOUT**

Regional Area Road Fund (RARF) Closeout policies and procedures are established in Section 260 of the approved Policies. Procedures outlining prioritization of eligible projects are listed in Section 260.D. Although facilities may be open to traffic, invoices from consultants may be submitted to the Lead Agency after the project segment is “closed out.” At the ALCP Working Group meeting, participants discussed the need to revise the Policies and establish a definition of a “completed/closed out” project.

## CURRENT POLICY

- D. To be considered as an eligible project for reimbursement with RARF Closeout funds:
1. The Project or Project segment must be completed/closed out.
  2. The Lead Agency must completed the following Project Requirements:
    - a. Project Overview
    - b. Project Agreement, and
    - c. Project Reimbursement Request.
  3. All three requirements must be accepted by MAG Staff as complete.

## POLICY RECOMMENDATION

None. The consensus of the ALCP Working Group was to allow MAG Staff to make the determination of a “completed/closed out” project, as appropriate. Participants acknowledged that a lag time in receiving invoices from consultants was not uncommon and should not be attributed to the Lead Agency. The participants also agreed that once a project had been reimbursed through the RARF Closeout Process that additional reimbursements should not be sought; however, a revision to the current Policies was not required to address the issue.

## **DATA ISSUES**

MAG Staff requested input from the ALCP Working Group regarding data received during the annual update process. Specific concerns were expressed by staff about the timely data submissions as well as the accuracy and consistency of the data submitted.

## CURRENT POLICY

None. The annual update process is addressed in Sections 200, 210, and 220 of the Policies. However, specific policies addressing the quality of the data or the late submission of project updates are not included in the approved Policies.

## POLICY RECOMMENDATION

None. The ALCP Working Group acknowledged the concerns of MAG Staff and agreed the inaccurate data was a concern, particularly in the programming of reimbursements with a deficit of program funds. Participants referenced efforts to establish Federal Fund Programming Principles to address similar issues in the MAG Transportation Improvement Program (TIP). The ALCP Working Group decided to revisit the discussion after additional progress had been made on the development and approval of the Federal Fund Programming Principles.

## PROPOSED CHANGES TO SECTION 350 OF THE ALCP POLICIES AND PROCEDURES\*

Additional text has been **bolded** and underlined

Deleted text has been **bolded** and ~~stricken-through~~

### SECTION 350: REALLOCATION OF PROJECT SAVINGS

- A. Project Savings from the ALCP will not be determined by MAG to be eligible for reallocation, unless and until:
1. Construction has been completed and the work satisfies the original intent and scope of the Project, as included in the Project Agreement and Project Overview, and there are remaining regional funds allocated to the Project; OR,
    - a. A high degree of certainty is obtained that construction for the original ALCP Project will be completed consistent with the Project Agreement and Project Overview specified scope and schedule.
  2. If applicable, right-of-way, or other capital assets acquired with ALCP funds not used in the ALCP Project is disposed of at market rates and the funds returned to the ALCP.
  3. **The project segment has been reimbursed or the Final PRR documenting all project costs has been accepted by MAG.**
- B. ALCP regional funds found by MAG to be surplus to an ALCP Project, and for which certain criteria as established below are met, may be noted as Project Savings and reallocated to an **other** ALCP Project ~~in that jurisdiction~~ depending on the availability of Program funds. **Project savings may be applied:**
1. To another ALCP Project or Projects, ~~in the jurisdiction~~ to address a budget shortfall, not to exceed 70% of the actual total Project costs.
  2. To advance a portion or entire existing ALCP Project or Projects **in the jurisdiction** up to the amount of available Project Savings.
- C. If there are ALCP Project Savings that are not reallocated **to another project or project segment currently programmed in the ALCP** and the ALCP is completed, then new Project(s) for that jurisdiction may be funded.
- D. **Project savings may be reallocated after the completion of an ALCP Project segment.**
1. **For project savings from completed ALCP project segments contained and administered wholly within one jurisdiction.**
    - a. **The Lead Agency responsible for the project segment may reallocate the project savings to another project currently programmed in the ALCP.**
  2. **When project savings occurs on a completed ALCP project segment located in multiple jurisdictions:**
    - a. **The project savings must be reallocated to another project segment located on the same corridor unless:**
      - i. **All project segments located on the corridor are completed. If all project segments pertaining to a corridor currently programmed in the ALCP are complete, then the Lead**

**Agency may reallocate the project savings to another project or project segment currently programmed in the ALCP under the Lead Agency's jurisdiction.**

- b. An exception to 350.C.2.a may be granted by MAG to a Lead Agency requesting the reallocation of project savings to another corridor prior to the completion of the original corridor where the funds were programmed for reimbursement if the Lead Agency obtains consensus from the partnering agencies from each project segment on the corridor.**
- i. The Lead Agency must submit a formal request in writing requesting the exception and documenting the requested reallocation of project savings. The written request must include the signed endorsement of a designated signer from each partnering agency before the reallocation will be programmed in the ALCP.**

\*Proposed changes to the Arterial Life Cycle Program Policies and Procedures approved by the MAG Regional Council on April 22, 2009.

# **MARICOPA ASSOCIATION OF GOVERNMENTS**

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

**DATE:**

November 10, 2009

**SUBJECT:**

Project Changes – Amendments and Administrative Modifications to the FY 2008-2012 MAG Transportation Improvement Program

**SUMMARY:**

The Fiscal Year (FY) 2008-2012 Transportation Improvement Program (TIP) and Regional Transportation Plan 2007 Update were approved by the MAG Regional Council on July 25, 2007. Since that time, there have been requests from member agencies to modify projects in the program.

The proposed amendments and administrative modifications to the FY 2008-2012 TIP are listed in the attached Table. The project change requests related to ADOT projects include new highway projects, and financial adjustments to American Recovery and Reinvestment Act (ARRA) funded projects. In addition, there are a number of local agency sponsored projects that are requesting project changes as related to schedules.

Please note the far right column of the Table titled 'New Finding of Conformity.' There are fifteen projects change requests that are dependent on the New Finding of Conformity (a separate agenda item) being requested for approval.

**PUBLIC INPUT:**

None.

**PROS & CONS:**

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

CONS: None.

**TECHNICAL & POLICY IMPLICATIONS:**

TECHNICAL: Projects that wish to utilize transportation federal funds need to be shown in the TIP in the year that they expect to commence and may need to undergo an air quality conformity analysis or consultation.

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

**ACTION NEEDED:**

Recommend approval of amendments and administrative modifications to the FY 2008-2012 Transportation Improvement Program, and as appropriate, to the Regional Transportation Plan 2007 Update.

**PRIOR COMMITTEE ACTIONS:**

MAG Transportation Review Committee: On October 29, 2009, the MAG Transportation Review Committee recommended approval of amendments and administrative modifications to the FY 2008-2012 Transportation Improvement Program, as appropriate, to the Regional Transportation Plan 2007 Update.

MEMBERS ATTENDING

Peoria: David Moody  
ADOT: Steve Hull for Floyd Roehrich  
# Avondale: David Fitzhugh  
Buckeye: Scott Lowe  
Chandler: Dan Cook for Patrice Kraus  
El Mirage: Pat Dennis for Lance Calvert  
Fountain Hills: Randy Harrel  
\* Gila Bend: Rick Buss  
Gila River: Sreedevi Samudrala for Doug Torres  
Gilbert: Michelle Gramley for Tami Ryall  
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Tempe: Jyme Sue McLaren for Chris Salomone  
Valley Metro Rail: John Farry  
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Youngtown: Grant Anderson for Lloyce Robinson

EX-OFFICIO MEMBERS ATTENDING

\* Street Committee: Darryl Crossman  
\* ITS Committee: John Abraham

Bicycle & Pedestrian Committee: Peggy Rubach  
\* Transportation Safety Committee: Kerry Wilcoxon

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

**CONTACT PERSON:**

Eileen O. Yazzie, Transportation Programming Manager, (602) 254-6300.

## Request for Project Change - 2008-2012 MAG Transportation Improvement Program

MAG Management Committee November 2009

TIP #	Agency	Project Location	Project Description	FY	Length	Fund Type	Local Cost	ARRA Cost	Federal Cost	Regional Cost	Total Cost	Requested Change	New Finding of Conformity
DOT08-839	ADOT	SR143/Sky Harbor Blvd TI	Traffic interchange improvements	2010	1.82	ARRA/STP/RARF		\$ 2,360,000	\$30,873,820	\$ 1,866,180	\$35,100,000	Admin Mod: Change funding sources to a mix of ARRA, STP, and RARF. Dependent on approval of ARRA Highway agenda item.	
DOT09-6COOR	ADOT	US 60: SR303L to 99th Ave	10 Miles widening	2010	10	ARRA		\$21,500,000			\$21,500,000	Admin Mod: Lower project costs from \$45 Million to \$21.5 million	
DOT09-905	ADOT	101 (Agua Fria Fwy) / 99th Ave : I-10 to Van Buren St	Utilities & R/W	2010	1.0	RARF				\$ 2,300,000	\$ 2,300,000	Admin Mod: Increase budget by \$1,300,000.	
DOT09-964	ADOT	10: Loop 101 (Agua Fria Fwy) to I-17	Utility Relocation	2010	9.0	IM			\$ 4,702,000	\$ 8,998,000	\$13,700,000	Admin Mod: Decrease budget by \$1,300,000.	
DOT10-6C32	ADOT	SR 74: US-60 (Grand Ave) to Loop 303 (Estrella Fwy); MP 13-15	Construct Passing Lanes	2010	2	ARRA		\$ 3,200,000			\$ 3,200,000	Admin Mod: Change type of funds from State to ARRA	
DOT10-813	ADOT	101 (Agua Fria Fwy): 51st to 35th Ave (EB)	Construct Auxiliary lane	2010	2.0	ARRA		\$ 3,000,000			\$ 3,000,000	Amend: New Project.	Dependent on New Finding of Conformity
DOT10-814	ADOT	I-10 at Avondale Blvd	TI improvement construction project	2010	0.5	IM	\$ 114,000		\$ 1,886,000		\$ 2,000,000	Amend: New project	Dependent on New Finding of Conformity
DOT10-815	ADOT	Loop 101 at Olive	TI improvement construction project	2010	0.3	ARRA		\$ 3,000,000			\$ 3,000,000	Amend: New project	Dependent on New Finding of Conformity
DOT10-816	ADOT	I-17: I-10 to Indian School	Southbound Roadway Improvements	2010	2.3	ARRA		\$ 1,500,000			\$ 1,500,000	Amend: New project	Dependent on New Finding of Conformity
DOT10-828	ADOT	SR 87: Four Peaks - Dos S Ranch Rd.	Construct Roadway improvements	2010	5.4	ARRA		\$21,000,000			\$21,000,000	Admin Mod: Change type of funds from RARF to ARRA	
DOT08-828	ADOT	SR87: MP 211.8 - MP 213.0	Repair cut slopes for erosion control	2010	1.2	ARRA		\$ 2,000,000			\$ 2,000,000	Admin Mod: Change type of funds from RARF to ARRA	
DOT12-841	ADOT	Loop 101: Northern to Grand SB	Construct Auxiliary lane - 3 miles	2010	2.5	ARRA		\$ 3,000,000			\$ 3,000,000	Admin Mod: Advance project from 2012 to 2010	Dependent on New Finding of Conformity
FTH09-602	Fountain Hills	Fountain Hills Blvd: Fayette Dr to Fountain Hills Middle School	Design and construct 8 foot wide detached sidewalks	2010	0.8	CMAQ	\$ 151,800		\$ 354,200		\$ 506,000	Admin Mod: Defer project from 2009 to 2010. Dependent on approval of Closeout item on agenda.	
MMA10-009CZ	Maricopa County	Northern Parkway: Sarival to Dysart	Construct roadway widening	2011	4.1	STP-MAG	\$ 4,570,626		\$10,664,795	\$ -	\$15,235,421	Admin Mod: Project deferred from 2010 to 2011.	Dependent on New Finding of Conformity

TIP #	Agency	Project Location	Project Description	FY	Length	Fund Type	Local Cost	ARRA Cost	Federal Cost	Regional Cost	Total Cost	Requested Change	New Finding of Conformity
MMA10-801	Maricopa County	El Mirage Rd: Bell Rd to Deer Valley Dr	Construct roadway widening	2010	3	STP-MAG	\$13,253,312		\$ 6,633,599	\$ -	\$19,886,911	Amend: Combined two projects: El Mirage Rd from Bell Rd to South of Beardsley and El Mirage Rd from South of Beardsley to Deer Valley Drive	Dependent on New Finding of Conformity
	Maricopa County	El Mirage Rd: Bell Rd to South of Beardsley Rd	Construct roadway widening	2010	1.75	RARF	\$ -		\$ -	\$ -	\$ -	Amend: Delete Project	Dependent on New Finding of Conformity
MES100-08C	Mesa	Broadway Rd: Dobson Rd to Country Club Dr	Construct roadway widening	2013	2	RARF	\$ 7,884,743		\$ -	\$ 5,276,712	\$13,161,454	Admin Mod: Construction deferred from FY 2010 to FY 2013.	Dependent on New Finding of Conformity
MES09-806	Mesa	Consolidated Canal Pathway, 8th Street and Lindsay	Design and construct 12-foot wide multi-use pathway with lighting and signing	2010	2.6	ARRA-TEA		\$ 1,416,754		\$ -	\$ 1,416,754	Request to modify project funding to add a second phase to the project with an additional \$666,754 in ARRA-TEA, and to change the project length back to 2.6 miles.	
MES150-10C	Mesa	Mesa Dr: US-60 (Superstition Fwy) to Southern	Construct roadway widening	2012	1	RARF	\$ 8,445,742		\$ -	\$ 4,852,884	\$13,298,626	Admin Mod: Construction deferred from FY 2010 to FY 2012	Dependent on New Finding of Conformity
MES190-09C	Mesa	Thomas Rd: Gilbert Rd to Val Vista Dr	Construct roadway widening	2026	2	STP-MAG	\$ 1,681,906		\$ 3,745,362	\$ -	\$ 5,427,268	Admin Mod: Construction deferred from FY 2010 to FY 2026.	Dependent on New Finding of Conformity
PEO09-801	Peoria	Various Locations	Pavement Preservation: Major arterial mill, overlay, and re-striping	2010	4.7	ARRA	\$ 1,701,768	\$ 1,130,050			\$ 2,831,818	Admin Mod: Increase local and total costs by \$1,435,548.	
SCT100-06C	Scottsdale	Loop 101 (Pima Fwy) North Frontage Rd: Hayden Rd to Scottsdale Rd	Construct roadway widening	2009	1	RARF	\$ 303,422		\$ -	\$ 707,985	\$ 1,011,407	Admin Mod: Construction completed in FY 2009. Previously listed as completed in 2008.	Dependent on New Finding of Conformity
SCT10-616	Scottsdale	McDowell Rd: Scottsdale Rd to Pima Rd	Construct smart corridor traffic control system	2010	2	CMAQ	\$ 350,000		\$ 350,000		\$ 700,000	Admin Mod: Defer project from 2009 to 2010. Dependent on approval of Closeout item on agenda.	
SCT10-935	Scottsdale	Shea Auxiliary Lane from 90th St to Loop 101	Construct roadway widening	2017	1	RARF	\$ 1,711,941		\$ -	\$ 3,994,529	\$ 5,706,470	Admin Mod: Project deferred from 2010 to 2017.	Dependent on New Finding of Conformity
SCT10-938	Scottsdale	Shea Blvd - 96th St to 144th St ITS Improvements	Construct ITS Improvements	2012	7	RARF	\$ 618,727		\$ -	\$ 1,443,697	\$ 2,062,424	Admin Mod: Project deferred from 2010 to 2012.	Dependent on New Finding of Conformity
SCT220-08AC	Scottsdale	Pima Rd: Thompson Peak Pkwy to Pinnacle Peak Rd	Construct roadway widening	2011	1	RARF	\$ 3,845,863		\$ -	\$ 8,925,402	\$12,771,265	Admin Mod: Construction to be completed in FY 2011. Previously listed as completed in 2010.	Dependent on New Finding of Conformity

**Project Status Report**  
**Transportation Projects – MAG Region      October 20 2009**  
**American Recovery & Reinvestment Act (ARRA) Funding**

On February 17, 2009, President Obama signed the American Recovery and Reinvestment Act (ARRA) of 2009. The national Highway Infrastructure Investment component of the legislation is \$27.5 billion.

For the highway portion, the Arizona Department of Transportation (ADOT) has 120 days to obligate 50 percent of the funding, and a year – by March 2, 2010, to obligate the remaining funds. Of the ADOT portion, \$129.4 million was directed for Highway projects in the MAG Region. The legislation also sub-allocates 30 percent of the funding (\$156.57 million) to local jurisdictions. The amount being sub-allocated to the MAG Region is \$104.6. Metropolitan planning organizations and Local Agencies have one year to obligate the funds, by March 2, 2010

The MAG regional portion for transit is \$66.4 million. The legislation requires that 50 percent of the transit funds be obligated within 180 days, and the remainder to be obligated within one year by March 2, 2010

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## **Project Status Report**

The Project Status Report highlights three areas of project details as noted below:

**Project Information:** Lists information about the project as reported on in the MAG Transportation Improvement Program (TIP) including the project location and description.

**Project Funding:** Explains the project funding sources and amounts as listed in the MAG TIP.

**Project Development Status:** This section reports on the status of project development steps. This section will most likely change in the future as projects are under construction. The project development steps are:

- Project Approved by MAG RC (Date): Project approved by the MAG Regional Council for inclusion in the current MAG TIP
- Design & Federal Clearances: The required design and federal clearances have been complete or have estimated completion dates. Or other notes may be provided regarding status with FHWA or FTA. Check mark indicates that work is completed.
- Obligate: The project has obligated, which means that the Federal Highway Administration agrees that the project has completed the necessary federal steps and the federal funds can be promised for the project.
- Bid Opened – The project has received bids and the bids have been opened.
- Award Date – The date the project is awarded to contractor.
- Estimated Completion – The contractor has estimated that construction will be completed by this date.

**This information can also be found at the MAG Website:  
<http://www.mag.maricopa.gov/detail.cms?item=9615>**

**PROJECT STATUS REPORT    TRANSPORTATION PROJECTS IN MAG REGION**  
**American Recovery & Reinvestment Act (ARRA) Funding**  
**OCTOBER 20 2009**

Project Information				Fund Type	Project Funding			Project Development Status†						Comments
TIP #	Agency	Project Location	Project Description		Federal - ARRA	Total	Award Amount	Approval Date	Design	Environmental	Obligated	Bid Opened	Award Date	
<b>State Sponsored Projects - Roadways</b>														
DOT09-815	DOT	I-10: Verrado Way - Sarival Rd	Construct General Purpose Lane	ARRA	\$26,272.0	\$26,272.0	\$26,271.6	05/27/09	✓	✓	✓	✓	7/17/09	Admin Mod: Change project costs from \$28.2M to \$26.3M.
DOT09-818	DOT	I-17: SR74-Anthem Way	Construct General Purpose Lane	ARRA	\$13,314.1	\$13,314.1	\$13,314.1	05/27/09	✓	✓	✓	✓		Admin Mod: Change project costs from \$13.4M to \$13.3M
DOT09-6C00R	DOT	US 60: SR 303L - 99th Ave	Road Widening	ARRA	\$45,000.0	\$45,000.0		03/25/09	✓	✓	✓	10/23/09		
DOT07-323	DOT	99th Ave from I-10 to MC-85	Road Widening	STP-AZ & ARRA	\$3,152.9	\$3,753.9		04/22/09	✓	✓				\$2.5 million in ARRA-Highway, and \$652,890 in ARRA-MPO/Local.
DOT09-801	DOT	US 60: 99th Ave to Thunderbird Rd (within the city limits of El Mirage)	Transportation Landscaping Enhancement	ARRA	\$300.0	\$300.0		04/22/09	✓	✓	✓	10/23/09		State sponsored using MAG suballocated funds. NTP date 10/5/09
DOT07-332	DOT	US 60: 99th Ave - 83rd Ave	Road Widening	ARRA	\$7,647.2	\$7,647.2	\$7,647.2	03/25/09	✓	✓	✓	✓		Admin Mod: Change project costs from \$11.2 mill to \$7.6M.
DOT06-613	DOT	SR 85: Southern Ave - I 10	Widen roadway, adding 2 through lanes	ARRA	\$11,042.3	\$11,042.3	\$11,042.3	05/27/09	✓	✓	✓	8/21/09	9/18/09	Admin Mod: Change project costs from \$18.6 mill to \$11.0M - pending contract award
DOT12-840	DOT	101 (Agua Fria Fwy) at Union Hills Dr/Beardsley Rd	Construct traffic interchange, construct new frontage road and Texas U-Turn structure over L101	ARRA, STP MAG & Local	\$9,100.0	\$27,564.4	\$5,667.4	04/22/09	✓	✓	✓	9/25/09		
DOT08-673	DOT	74: US-60 (Grand Ave) to Loop 303 (Estrella Fwy); MP 20-22	Construct eastbound and westbound passing lanes	ARRA	\$3,900.0	\$3,900.0	\$2,324.6	05/27/09	✓	✓	✓	9/25/09		
					\$119,728.5	\$138,794.0	\$66,267.2							

†Date in Design and Environmental fields indicate estimated completion date.

**PROJECT STATUS REPORT    TRANSPORTATION PROJECTS IN MAG REGION**  
**American Recovery & Reinvestment Act (ARRA) Funding**  
**OCTOBER 20 2009**

Project Information				Project Funding			Project Development Status†						Comments		
TIP #	Agency	Project Location	Project Description	Fund Type	Federal - ARRA	Estimated Total	Award Amount	Approval Date	Design	Environment	Obligated	Bid Opened		Award Date	Estimated Complete
<b>Local Projects - Roadway</b>															
APJ09-801	APJ	Ironwood Drive: Southern Avenue to 16th Avenue	Design and Reconstruction of Pavement	ARRA	\$1,348.3	\$1,348.3		4/22/09	60% 10/30/09	Nov-09					Final plans EOY 2009. Obligate in January 2010.
AVN09-801	AVN	Dysart Road-I-10 to Indian School Road	Preliminary engineering, design and construction for Mill & Replace	ARRA	\$2,035.2	\$2,035.2		4/22/09	90%	10/23/09					Utility, ROW clearance in process
AVN09-802	AVN	Dysart Road -Van Buren to the I-10	Preliminary engineering, design and construction for Mill & Replace	ARRA & Local	\$179.7	\$401.8		4/22/09	90%	10/23/09					Utility, ROW clearance in process
BKY09-801	BKY	Various Locations Townwide - Functionally Classified Roads	Pre-engineer/Design and Pavement Rehabilitation and Preservation	ARRA	\$1,621.9	\$1,621.9		4/22/09	50%	11/13/09					Utility, ROW clearance in process
CFR09-801	CFR	Intersection of Tom Darlington Drive and Ridgeview Place	Pre-engineer/Design and construct Pedestrian crossing	ARRA	\$35.0	\$35.0		4/22/09	PS&E 11/4/09	11/30/09					
CFR09-802	CFR	Cave Creek Road: Scopa Trail to Carefree Eastern Border	Pre-engineer/Design and construct, repair and restoration of Cave Creek Road	ARRA	\$553.3	\$553.3		4/22/09	PS&E 11/4/09	11/30/09					Estimated ARRA cost \$588,340
CVK09-807	CVK	Various Locations - Functionally Classified Roadways	Pre-Engineer/Design and Construct Pavement Rehab projects	ARRA	\$614.8	\$614.8		5/27/09	95% 10/30/09	In process					Pending authorization. Kick-off scheduled 9/30/09
CHN120-07C	CHN	Chandler Blvd/Dobson Road Intersection, and Dobson Road from Chandler Blvd to Frye Road	Intersection and Capacity Improvement	ARRA, Local & RARF	\$2,288.7	\$7,629.0		4/22/09	✓	10/30/09					Will request project to be obligated in late Nov 09
CHN09-801	CHN	Price Road from Germann Road south to Queen Creek Road	Design and reconstruction of pavement	ARRA	\$3,678.9	\$3,678.9		4/22/09	10/16/09	11/26/09					Will request project to be obligated in late Nov 09
ELM09-801	ELM	Various Locations Citywide - Functionally Classified Roadways	Pre-Engineer/Design and Mill and Replace Existing Road.	ARRA	\$952.8	\$952.8		4/22/09	80%	11/13/09					Utility, ROW clearance in process
FTH07-301	FTH	Shea Blvd. (Palisades Blvd. to Fountain Hills Blvd.)	Widen for 3rd (westbound) lane, bike lane, sidewalk, and turn pockets.	ARRA, STP, & Local	\$1,081.6	\$3,376.6		6/24/09	✓	In process					Admin Mod: Adjust ARRA costs for project from \$410K to \$1.1M.
GBD09-801	GBD	Pima Street/SR-85 Various Locations	Design and Construct Signage Improvements	ARRA	\$33.0	\$33.0		4/22/09	In process	11/13/09					Design just Started. Contract received 10/15/09.
GBD09-802	GBD	Pima Street/SR-85 Various Locations	Design and Construct Pedestrian and Landscape Improvements	ARRA	\$339.5	\$339.5		4/22/09	In process	11/13/09					Design just Started. Contract received 10/15/09.
GBD09-803	GBD	Gila Bend Airport on SR-85	Design and Construct Carpool and Transit Park & Ride Lot	ARRA	\$170.0	\$170.0		5/27/09	Not Started	In process					Not yet under contract w/ADOT. Proposal approved today.
GRC09-801	GRC	Various Locations - Functionally Classified Roadways	Pre-Engineer/Design and Construct Pavement Rehab projects	ARRA	\$561.3	\$561.3		4/22/09	40%	12/23/09					Utility, ROW clearance in process
GLB09-801	GLB	Various Locations - Functionally Classified Roadways	Pre-Engineer/Design and Construct Nova Chip Overlays- arterial roadways	ARRA	\$5,306.3	\$5,306.3		4/22/09	PS&E 10/30/09	11/6/09					

**PROJECT STATUS REPORT    TRANSPORTATION PROJECTS IN MAG REGION**  
**American Recovery & Reinvestment Act (ARRA) Funding**  
**OCTOBER 20 2009**

Project Information				Project Funding			Project Development Status†						Comments		
TIP #	Agency	Project Location	Project Description	Fund Type	Federal - ARRA	Estimated Total	Award Amount	Approval Date	Design	Environment	Obligated	Bid Opened		Award Date	Estimated Complete
<b>Local Projects - Roadway</b>															
GLN09-801	GLN	Various Locations Citywide - Functionally Classified Roadways	New traffic signal cabinets and controllers	ARRA	\$1,100.0	\$1,100.0		4/22/09		11/13/09					PA Sent to ADOT for Review 10/09/09
GLN09-802	GLN	Various Locations Citywide - Functionally Classified Roadways	Modernize traffic signals	ARRA	\$550.0	\$550.0		4/22/09		11/13/09					PA Sent to ADOT for Review 10/09/09
GLN09-803	GLN	Various Locations Citywide - Functionally Classified Roadways	CCTV Camera Installations	ARRA	\$90.0	\$90.0		4/22/09		11/13/09					PA Sent to ADOT for Review 10/09/09
GLN09-804	GLN	Camelback Rd. - 47th to 83rd Aves.	Install wireless communication with traffic signals	ARRA	\$230.0	\$230.0		4/22/09		11/13/09					PA Sent to ADOT for Review 10/09/09
GLN09-805	GLN	Bethany Home Rd. - 63rd to 83rd Aves.	Install wireless communication with traffic signals	ARRA	\$200.0	\$200.0		4/22/09		11/13/09					PA Sent to ADOT for Review 10/09/09
GLN09-806	GLN	Glendale Ave. - S1st to 66th Aves.	Pre-Engineer/Design and construct pavement overlay	ARRA	\$1,170.0	\$1,170.0		4/22/09	✓	11/13/09					Plans need to be converted to ADOT Format
GLN09-807	GLN	Litchfield Rd. - Missouri to Northern Ave.	Pre-Engineer/Design and construct pavement surface treatment	ARRA	\$510.0	\$510.0		4/22/09	✓	11/13/09					Plans need to be converted to ADOT Format
GLN09-808	GLN	25 Miles on Arterial Streets	Install thermoplastic pavement markings	ARRA	\$358.4	\$358.4		4/22/09	40%	11/24/09					
GLN08-604	GLN	63rd Avenue at Loop 101 Expressway	Design and construct multi-use overpass over Loop 101 (Agua Fria Fwy) (Phase 2)	ARRA, CMAQ, & Local	\$1,850.0	\$5,407.4		4/22/09	99%	✓					Utilitiy, ROW clearances complete.
GDY09-801	GDY	Various Locations Citywide - Functionally Classified Roadways	Pre-Engineer/Design and construct mill, patch and replace	ARRA & Local	\$782.4	\$798.4		4/22/09	40%	12/18/09					Utility, ROW clearance in process
GDL09-801	GDL	Various Locations Townwide - Functionally Classified Roadways	Design and Mill & Asphalt overlay roadways	ARRA	\$634.0	\$634.0		4/22/09	✓	✓					Design by town.
LPK09-801	LPK	Various Locations Citywide - Functionally Classified Roadways	Pre-Engineer/Design and mill and replace pavement resurfacing/ reconstruction	ARRA	\$614.0	\$614.0		4/22/09	60%	12/4/09					ROW complete, utility in process
MMA09-801	MMA	Various Locations Countywide - Functionally Classified Roadways	Pre-Engineer/Design and construct AR Overlay	ARRA & Local	\$6,469.2	\$6,478.1		4/22/09	98%	In process					Utilitiy, ROW clearances complete.
MES09-801R	MES	Various Locations Citywide - Functionally Classified Roadways	Pre-Engineer/Design and pavement reconstruct and ADA upgrades	ARRA	\$1,610.9	\$1,610.9		5/27/09	90%	11/2/09					ROW submitted to ADOT 9/29/09
MES09-802R	MES	Various Locations Citywide - Functionally Classified Roadways	Pre-Engineer/Design and construct mill and replace pavement	ARRA	\$970.7	\$970.7		5/27/09	90%	11/2/09					ROW submitted to ADOT 9/29/09
MES09-803	MES	Various Locations Citywide - Functionally Classified Roadways	Pre-Engineer/Design and pavement reconstruct and ADA upgrades, Group 1	ARRA	\$2,559.3	\$2,559.3		5/27/09	90%	11/2/09					ROW submitted to ADOT 9/29/09
MES09-804	MES	Various Locations Citywide - Functionally Classified Roadways	Pre-Engineer/Design and pavement reconstruct and ADA upgrades, Group 2	ARRA	\$2,333.3	\$2,333.3		5/27/09	90%	11/2/09					ROW submitted to ADOT 9/29/09
MES09-805	MES	Various Locations Citywide - Functionally Classified Roadways	Pre-Engineer/Design and pavement reconstruct and ADA upgrades Group 3	ARRA	\$3,310.6	\$3,310.6		5/27/09	✓	11/2/09					ROW submitted to ADOT 9/29/09

**PROJECT STATUS REPORT TRANSPORTATION PROJECTS IN MAG REGION**  
**American Recovery & Reinvestment Act (ARRA) Funding**  
**OCTOBER 20 2009**

Project Information				Project Funding			Project Development Status†						Comments		
TIP #	Agency	Project Location	Project Description	Fund Type	Federal - ARRA	Estimated Total	Award Amount	Approval Date	Design	Environment	Obligated	Bid Opened		Award Date	Estimated Complete
<b>Local Projects - Roadway</b>															
PVY09-801	PVY	Various Locations Townwide - Functionally Classified Roadways	Pre-Engineer/Design and construct pavement resurface projects	ARRA & Local	\$823.2	\$823.8		4/22/09	95% 10/16/09	11/30/09					Estimated PS&E 11/30/09
PEO100-07AC1	PEO	Beardsley Rd Connection: Loop 101 (Agua Fria Fwy) to Beardsley Rd at 83rd Av/Lake Pleasant Pkwy	Construct Beardsley Road extension and bridge over New River	ARRA, STP-MAG & Local	\$2,850.4	\$11,489.7		4/22/09	✓	✓	✓	11/19/09	12/18/09		Pending Advertisement Date: October 23, 2009
PEO09-801	PEO	Various Locations	Pavement Preservation: Major Arterial mill, overlay and re-striping	ARRA & Local	\$1,130.1	\$1,396.3		6/24/09	50%	11/16/09					ROW complete, utility in process
PHX07-316	PHX	7th St & McDowell Rd	Design & Construction of Intersection Improvements	ARRA & CMAQ	\$1,000.0	\$2,256.0		4/22/09	✓	✓	✓				Obligated 9/9/09
PHX09-801	PHX	Various Locations (North Area) - Functionally Classified Roadways	Design & Construction of Pavement Preservation	ARRA	\$7,136.2	\$7,136.2		4/22/09	10/16/09	✓					Design by city.
PHX09-802	PHX	Various Locations (Central Area) - Functionally Classified Roadways	Design & Construction of Pavement Preservation	ARRA	\$7,150.0	\$7,150.0		4/22/09	10/16/09	✓					Design by city.
PHX09-803	PHX	Various Locations (South Area) - Functionally Classified Roadways	Design & Construction of Pavement Preservation	ARRA	\$7,150.0	\$7,150.0		4/22/09	10/16/09	✓					Design by city.
PHX09-804	PHX	Various Locations - (North Area)	Design & Construction of Removal/Replacement of Existing ADA Ramps or Construction of New ADA Ramps	ARRA	\$1,750.0	\$1,750.0		4/22/09	10/16/09	✓					Design by city.
PHX09-805	PHX	Various Locations - (South Area)	Design & Construction of Removal/Replacement of Existing ADA Ramps or Construction of New ADA Ramps	ARRA	\$1,750.0	\$1,750.0		4/22/09	10/16/09	✓					Design by city.
PHX09-806	PHX	11 Locations Citywide	Design & Construct Bridge Deck Rehabilitations	ARRA	\$2,250.0	\$2,250.0		4/22/09	10/16/09	10/16/09					Concurrence on Cultural obtained.
PHX09-807	PHX	6 Locations Citywide	Design & Construct Bridge Joint Rehabilitations	ARRA	\$1,250.0	\$1,250.0		4/22/09	10/16/09	10/16/09					Concurrence on Cultural obtained.
PHX09-808	PHX	Citywide Corridors	Inventory / Programming & Procure / Install Traffic Control Signs	ARRA	\$3,000.0	\$3,000.0		4/22/09	10/30/09	✓	10/30/09				Design by COP
PHX09-809	PHX	Citywide Corridors	Design & Procure/Install Fiber Optic Backbone System	ARRA	\$1,500.0	\$1,500.0		4/22/09	11/6/09	✓	11/6/09				Design by COP
PHX09-810	PHX	Citywide Corridors	Design & Procure/Install CCTV	ARRA	\$1,000.0	\$1,000.0		4/22/09	10/30/09	✓	10/30/09				Design by COP
PHX09-811	PHX	Citywide Corridors	Design & Procure/Install Wireless Communications	ARRA	\$500.0	\$500.0		4/22/09	10/30/09	✓	10/30/09				Design by COP
QNC09-801	QNC	Combs Rd: UPRR/Rittenhouse Rd to approx. 1,000 ft west of Gantzel Rd	Pre-Engineer/Design and construct resurfacing roadway	ARRA	\$227.3	\$227.3		4/22/09	Nov-09	Dec-09					Drafted PA complete.
QNC09-802	QNC	Various Locations on Rittenhouse Rd	Pre-Engineer/Design and construct resurfacing roadway and shoulder paving	ARRA	\$805.8	\$805.8		4/22/09	Nov-09	Dec-09					Drafted PA complete.

**PROJECT STATUS REPORT    TRANSPORTATION PROJECTS IN MAG REGION**  
**American Recovery & Reinvestment Act (ARRA) Funding**  
**OCTOBER 20 2009**

Project Information				Project Funding			Project Development Status†						Comments		
TIP #	Agency	Project Location	Project Description	Fund Type	Federal - ARRA	Estimated Total	Award Amount	Approval Date	Design	Environment	Obligated	Bid Opened		Award Date	Estimated Complete
<b>Local Projects - Roadway</b>															
SRP09-801	SRP	Various Locations - Functionally Classified Roadways	Design & Construction of Pavement Preservation/Chip-Seal	ARRA	\$653.9	\$653.9		5/27/09	11/30/09	12/7/09					PA by SRPMIC scheduled for 9/29/09
SCT09-802	SCT	Various Locations	Preliminary engineering, design and construction for Mill & Replace	ARRA	\$4,600.0	\$4,600.0		7/22/09	PS&E 11/30/09	11/30/09					On Project Change Sheet July 2009. Kick off 9/22/09
SCT12-813	SCT	Various Locations in Southern Scottsdale	Replace traffic signal controllers and cabinets	ARRA, & Local	\$439.6	\$500.0		4/22/09	PS&E 10/7/09	Nov-09					Procurement project.
SUR09-801	SUR	Bell Road-Parkview to West City Limit	Pre-Engineer/Design and construct pavement Reconstruction and ITS Conduit Installation	ARRA	\$2,933.4	\$2,933.4		4/22/09	99%	11/23/09					Utility, ROW clearances complete.
TMP09-801	TMP	Baseline Road between Kyrene Road and the Union Pacific Railroad, over the Western Canal	Construct replacement bridge over the Western Canal	ARRA, & Local	\$4,362.6	\$6,000.0		4/22/09	✓	11/30/09					Awaiting clearance.
WKN09-801	WKN	North Vulture Mine Rd: US 60 to Northern Town Limits	Design and Complete Pavement Mill and Replace	ARRA	\$644.1	\$644.1		4/22/09	60%	10/30/09					Utility, ROW clearance in process
YTN09-801	YTN	Peoria Ave: 111th Avenue west by 1950 feet/approx. 115th Avenue	Pre-Engineer/Design and construct mill and replace - pavement resurfacing	ARRA	\$645.9	\$645.9		4/22/09	20%	12/11/09					Utility, ROW clearance in process
					\$101,695.7	\$124,995.3									

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**PROJECT STATUS REPORT    TRANSPORTATION PROJECTS IN MAG REGION**  
**American Recovery & Reinvestment Act (ARRA) Funding**  
**OCTOBER 20 2009**

Project Information				Project Funding			Project Development Status†							Comments
TIP #	Agency	Project Location	Project Description	Federal - ARRA	Estimated Total	Award Amount	Approval Date	Design	Environment	Obligated	Bid Opened	Award Date	Estimated Complete	
<b>Local Projects - Transit Projects</b>														
AVN09-804T	AVN	Citywide	Purchase 2 replacement dial-a-ride vehicles	\$126.0	\$126.0		6/24/09							
GDY06-204T	GDY	I-10: Litchfield Rd to Dysart Rd (ADOT Basin between Litchfield and Dysart)	Construct regional park-and-ride (1/10 - Litchfield)	\$2,036.2	\$4,193.8		6/24/09	✓	✓	✓			Mar-10	Grants have been submitted to FTA
GDY08-800T	GDY	I-10: Litchfield Rd to Dysart Rd (ADOT Basin between Litchfield and Dysart)	Acquire land- regional park and ride	\$186.5	\$977.6		6/24/09	✓	✓	✓			Mar-10	Grants have been submitted to FTA
GDY05-202T	GDY	I-10: Litchfield Rd to Dysart Rd (ADOT Basin between Litchfield and Dysart)	Park and Ride Land Acquisition	\$352.2	\$1,847.1		6/24/09	✓	✓	✓			Mar-10	Grants have been submitted to FTA
MES10-809T	MES	Country Club/US 60	Park-and-Ride construction	\$3,228.8	\$3,228.8		3/25/09	✓	✓					Admin Mod: Modify project costs to lower amount.
MES10-801T	MES	US60/Country Club	Park-and-Ride design	\$367.5	\$367.5		9/30/09							Amend: Add new ARRA-Transit project to list.
MES10-802T	MES	US60/Country Club	Park-and-Ride land acquisition	\$3,238.3	\$3,238.3		9/30/09							Amend: Add new ARRA-Transit project to list.
MES10-803T	MES	Loop 202/Power	Design regional park-and-ride (Loop 202/Power)	\$765.0	\$765.0		9/30/09							Amend: Add new ARRA-Transit project to list.
MES08-801T	MES	Loop 202/Power	Construct regional park-and-ride (Loop 202/Power)	\$517.8	\$1,800.0		9/30/09							Admin Mod: Modify project costs to lower amount and
MES10-804T	MES	Gilbert/McDowell	Design regional park-and-ride	\$765.0	\$765.0		9/30/09							Amend: Add new ARRA-Transit project to list.
MES10-805T	MES	Gilbert/McDowell	Construct regional park-and-ride	\$517.8	\$2,289.0		9/30/09							Amend: Add new ARRA-Transit project to list.
PHX09-837T	PHX	Bell Rd/SR-51	Bus access crossover	\$640.1	\$640.1		3/25/09	✓	✓	✓			Jul-10	Grants have been submitted to FTA
PHX10-818T	PHX	Central Avenue/Van Buren	Central Station Transit Center Refurbishments	\$5,000.0	\$5,000.0		3/25/09	✓	✓	✓			Oct-10	Grants have been submitted to FTA
PHX08-705T	PHX	I-17/Happy Valley	Happy Valley/I-17 Park and Ride - construct	\$5,500.0	\$5,500.0		3/25/09	✓	✓	✓			Nov-10	Grants have been submitted to FTA
PHX09-838T	PHX	Pecos Road/40th Street	Pecos/40th St Park and Ride Expansion	\$3,000.0	\$3,000.0		3/25/09	✓	✓	✓			Oct-10	Grants have been submitted to FTA
PHX09-611T	PHX	Regionwide	Preventive Maintenance	\$5,400.0	\$11,964.0		3/25/09	✓	✓	✓			Jun-10	Grants have been submitted to FTA
PHX09-839T	PHX	Regionwide	Intelligent Transportation System Enhancement: Regional Transit Stop Data Overhaul	\$300.0	\$300.0		3/25/09	✓	✓	✓			Dec-09	Grants have been submitted to FTA
PHX09-840T	PHX	Citywide	Bus Stop Improvements	\$4,321.2	\$4,321.2		3/25/09	✓	✓	✓			Jul-10	Grants have been submitted to FTA
PHX08-704T	PHX	27th Ave/Baseline Rd	27th Ave/Baseline Park and Ride Construct	\$1,100.0	\$1,100.0		5/27/09	✓	✓	✓			Aug-10	Grants have been submitted to FTA
VMT10-807T	VMT	Arizona Avenue/Country Club (Service between Ocotillo Ave/Alma School and Sycamore and Main using Arizona Ave/CC)	Bus Rapid Transit - Arizona Avenue/Country Club (Phase I) - Acquire ROW	\$2,500.0	\$2,500.0		3/25/09	✓	✓	✓			Dec-09	Grants have been submitted to FTA

**PROJECT STATUS REPORT    TRANSPORTATION PROJECTS IN MAG REGION**  
**American Recovery & Reinvestment Act (ARRA) Funding**  
**OCTOBER 20 2009**

Project Information				Project Funding			Project Development Status†							Comments
TIP #	Agency	Project Location	Project Description	Federal - ARRA	Estimated Total	Award Amount	Approval Date	Design	Environment	Obligated	Bid Opened	Award Date	Estimated Complete	
<b>Local Projects - Transit Projects</b>														
VMT10-807T	VMT	Arizona Avenue/Country Club (Service between Ocotillo Ave/Alma School and Sycamore and Main using Arizona Ave/CC)	Bus Rapid Transit Arizona Avenue/Country Club (Phase I) - Construct busway improvements and stations	\$12,500.0	\$12,500.0		3/25/09	✓	✓	✓			Jul-10	Grants have been submitted to FTA
SCT09-803T	SCT	Loop 101/Scottsdale Rd	Park-and-Ride construction	\$5,000.0	\$5,000.0		3/25/09	✓	✓					
TMP09-806T	TMP	East Valley Operations and Maintenance Facility	Expansion/ Updgrade	\$6,500.0	\$6,500.0		3/25/09	✓	✓	✓			Mar-11	Grants have been submitted to FTA
VMR09-801T	VMR	Central Ave/Camelback Rd	Central/Camelback Park and Ride Expansion	\$1,400.0	\$1,400.0		5/27/09	✓	✓	✓			Jun-01	Grants have been submitted to FTA
VMR09-802T	VMR	Regionwide	LRT Park and Ride Shade Canopes	\$2,500.0	\$2,500.0		5/27/09	✓	✓	✓			Dec-09	Grants have been submitted to FTA
				\$67,762.2	\$81,823.3									

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**PROJECT STATUS REPORT    TRANSPORTATION PROJECTS IN MAG REGION**  
**American Recovery & Reinvestment Act (ARRA) Funding**  
**OCTOBER 20 2009**

Project Information				Project Funding			Project Development Status†							Comments
TIP #	Agency	Project Location	Project Description	Federal - ARRA	Estimated Total	Award Amount	Approval Date	Design	Environment	Obligated	Bid Opened	Award Date	Estimated Complete	
<b>Local Projects - Transportation Enhancements</b>														
CHN09-805	CHN	Paseo Trail, Consolidated Canal: Galveston to Pecos Rd.	Construction of multi-use path	\$750,000	\$1,161,610		5/27/09	✓	✓	✓				
GLB04-303R	GLB	Canal Crossing Project	Design and construction pedestrian bridges over canal crossing	\$270,000	\$680,000		5/27/09	✓	✓	✓				
GLB08-801	GLB	Heritage District Downtown Ped Project	Design and construct sidewalks, landscaping and other pedestrian improvements	\$578,670	\$578,670		5/27/09	✓	✓	✓				
GLN08-611	GLN	Old Roma Alley	Design and construct pedestrian enhancements and landscape	\$732,562	\$732,562		5/27/09	✓	✓	✓				
MMA09-725	MMA	Bush Hwy from Usery Pass Rd to Stewart Mtn Rd	Design and construct bicycle lane	\$750,000	\$1,117,817	\$561,095	5/27/09	✓	✓	✓	✓	✓	Dec-09	Construction scheduled to begin Oct 5, 09.
MES09-806	MES	Consolidated Canal Pathway, 8th Street and Lindsay	Design and construct 12-foot wide multi-use pathway with lighting and signing	\$750,000	\$1,509,375		6/24/09	✓	✓	✓				
PHX08-641	PHX	Arcadia Drive Ind. Sch. Rd. to AZ Canal	Design and construct multi-use trail enhancements	\$750,000	\$820,282		5/27/09	✓	✓	✓				
SCT09-703	SCT	Crosscut Canal, Thomas Rd to Indian School Rd	Construct new pedestrian/bicycle bridge and multi-use path	\$1,632.3	\$1,731.0		5/27/09	✓	✓	✓				
SCT09-801	SCT	Downtown Canal Bank Improvements	Design and construct transportation enhancements to connect Sun Circle Trail to Goldwater Underpass	\$600,000	\$625,402		5/27/09	✓	✓	✓				
TMP09-704	TMP	Crosscut Canal from Papago Park to Mouer Park - Tempe	Design and construct multi-use path (phase II)	\$750,000	\$1,400,000		5/27/09	✓	✓	✓				Bid documents being prepared.
				\$5,931,232	\$8,625,718									

†Date in Design and Environmental fields indicate estimated completion date.

## LOCAL SPONSORED PROJECT OVERVIEW

MAG was notified by ADOT on March 16, 2009 that the MAG region will receive \$104,578,340 of American Recovery and Reinvestment Act (ARRA) funds. These funds are known as the sub-allocated ARRA transportation funds. On March 23, 2009 Regional Council approved the policy direction for the sub-allocated ARRA funds of: a Minimum Agency Allocation of \$500,000 plus population in accordance with the following:

1. Establish a deadline of April 3, 2009, to have MAG member agencies define and submit projects to MAG for the sub-allocated funds due to the very limited time to obligate the projects.
2. Have MAG prepare the necessary administrative adjustments/amendments to the FY 2008-2012 MAG Transportation Improvement Program and or Regional Transportation Plan as appropriate.
3. Have MAG conduct the air quality consultation/conformity if necessary.
4. Establish a deadline of November 30, 2009 for projects to be obligated. Funds from projects that are not obligated will be reprogrammed to meet the federal obligation date of February 17, 2010 in order for Arizona to be eligible to receive funding from other states that are unable to obligate their funds.

Jurisdiction	Minimum Agency Allocation of \$500K Plus Population
Apache Junction (a)	\$ 1,348,343
Avondale	\$ 2,214,899
Buckeye	\$ 1,621,878
Carefree	\$ 588,340
Cave Creek	\$ 614,813
Chandler	\$ 5,967,599
El Mirage	\$ 1,252,805
Fort McDowell	\$ 518,436
Fountain Hills	\$ 1,081,614
Gila Bend	\$ 542,497
Gila River (b)	\$ 561,349
Gilbert	\$ 5,306,313
Glendale	\$ 6,058,413
Goodyear	\$ 1,829,797
Guadalupe	\$ 634,022
Litchfield Park	\$ 613,958
Mesa	\$ 10,784,779
Paradise Valley	\$ 823,174
Peoria (b)	\$ 3,980,451
Phoenix	\$ 35,436,181
Queen Creek (a)	\$ 1,033,098
Salt River	\$ 653,910
Scottsdale	\$ 5,921,966
Surprise	\$ 2,933,374
Tempe	\$ 4,362,619
Tolleson	652,890
Wickenburg	\$ 644,140
Youngtown	\$ 645,926
Maricopa County (c)	\$ 5,950,757
<b>Total</b>	<b>\$ 104,578,340</b>

**LOCAL SPONSORED PROJECT DETAILS  
OCTOBER 20 2009**

<b>APACHE JUNCTION</b>		
TIP #	Project Description	Federal Cost - ARRA
APJ09-801	Design and Reconstruction of Pavement	\$ 1,348,343
<b>TOTAL</b>		<b>\$ 1,348,343</b>

<b>AVONDALE</b>		
TIP #	Project Description	Federal Cost - ARRA
AVN09-801	Preliminary engineering, design and construction for Mill & Replace	\$ 2,035,200
AVN09-802	Preliminary engineering, design and construction for Mill & Replace	\$ 179,699
<b>TOTAL</b>		<b>\$ 2,214,899</b>

<b>BUCKEYE</b>		
TIP #	Project Description	Federal Cost - ARRA
BKY09-801	Pre-engineer/Design and Pavement Rehabilitation and Preservation	\$ 1,621,878
<b>TOTAL</b>		<b>\$ 1,621,878</b>

<b>CAREFREE</b>		
TIP #	Project Description	Federal Cost - ARRA
CFR09-801	Pre-engineer/Design and construct Pedestrian crossing	\$ 35,000
CFR09-802	Pre-engineer/Design and construct, repair and restoration of Cave Creek Road	\$ 553,340
<b>TOTAL</b>		<b>\$ 588,340</b>

<b>CAVE CREEK</b>		
TIP #	Project Description	Federal Cost - ARRA
CVK09-807	Pre-Engineer/Design and Construct Pavement Rehab projects	\$ 614,813
<b>TOTAL</b>		<b>\$ 614,813</b>

<b>CHANDLER</b>		
TIP #	Project Description	Federal Cost - ARRA
CHN120-07C	Intersection and Capacity Improvement	\$ 2,288,700
CHN09-801	Design and reconstruction of pavement	\$ 3,678,899
<b>TOTAL</b>		<b>\$ 5,967,599</b>

<b>EL MIRAGE</b>		
TIP #	Project Description	Federal Cost - ARRA
ELM09-801	Pre-Engineer/Design and Mill and Replace Existing Road.	\$ 952,805
DOT09-801	Transporatation Landscaping Enhancement	\$ 300,000
<b>TOTAL</b>		<b>\$ 1,252,805</b>

<b>FOUNTAIN HILLS</b>		
TIP #	Project Description	Federal Cost - ARRA
FTH07-301	Widen for 3rd (westbound) lane, bike lane, sidewalk, and turn pockets.	\$ 1,081,614
<b>TOTAL</b>		<b>\$ 1,081,614</b>

**LOCAL SPONSORED PROJECT DETAILS  
OCTOBER 20 2009**

<b>FT. MCDOWELL YAVAPAI NATION</b>		
<b>TIP #</b>	<b>Project Description</b>	<b>Federal Cost - ARRA</b>
Ft. McDowell Yavapai Nation will be doing a joint project with Maricopa County. \$518,436 of Maricopa County's project is for paving and rehab of roads in the Ft. McDowell community.		

<b>GILA BEND</b>		
<b>TIP #</b>	<b>Project Description</b>	<b>Federal Cost - ARRA</b>
GBD09-801	Design and Construct Signage Improvements	\$ 33,000
GBD09-802	Design and Construct Pedestrian and Landscape Improvements	\$ 339,497
GBD09-803	Design and Construct Carpool and Transit Park & Ride Lot	\$ 170,000
<b>TOTAL</b>		<b>\$ 542,497</b>

<b>GILA RIVER INDIAN COMMUNITY</b>		
<b>TIP #</b>	<b>Project Description</b>	<b>Federal Cost - ARRA</b>
GRC09-801	Pre-Engineer/Design and Construct Pavement Rehab projects	\$ 561,349
<b>TOTAL</b>		<b>\$ 561,349</b>

<b>GILBERT</b>		
<b>TIP #</b>	<b>Project Description</b>	<b>Federal Cost - ARRA</b>
GLB09-801	Pre-Engineer/Design and Construct Nova Chip Overlays- arterial roadways	\$ 5,306,313
<b>TOTAL</b>		<b>\$ 5,306,313</b>

<b>GLENDALE</b>		
<b>TIP #</b>	<b>Project Description</b>	<b>Federal Cost - ARRA</b>
GLN09-801	New traffic signal cabinets and controllers	\$ 1,100,000
GLN09-802	Modernize traffic signals	\$ 550,000
GLN09-803	CCTV Camera Installations	\$ 90,000
GLN09-804	Install wireless communication with traffic signals	\$ 230,000
GLN09-805	Install wireless communication with traffic signals	\$ 200,000
GLN09-806	Pre-Engineer/Design and construct pavement overlay	\$ 1,170,000
GLN09-807	Pre-Engineer/Design and construct pavement surface treatment	\$ 510,000
GLN09-808	Install thermoplastic pavement markings	\$ 358,413
GLN08-604	Design and construct multi-use overpass over Loop 101 (Agua Fria Fwy) (Phase 2)	\$ 1,850,000
<b>TOTAL</b>		<b>\$ 6,058,413</b>

<b>GOODYEAR</b>		
<b>TIP #</b>	<b>Project Description</b>	<b>Federal Cost - ARRA</b>
GDY09-801	Pre-Engineer/Design and construct mill, patch and replace	\$ 782,415
GDY06-204T	Construct regional park-and-ride (1/10 - Litchfield)	\$ 508,666
GDY08-800T	Acquire land- regional park and ride	\$ 186,500
GDY05-202T	Park and Ride Land Acquisition	\$ 352,216
<b>TOTAL</b>		<b>\$ 1,829,797</b>

<b>GUADALUPE</b>		
<b>TIP #</b>	<b>Project Description</b>	<b>Federal Cost - ARRA</b>
GDL09-801	Design and Mill & Asphalt overlay roadways	\$ 634,022
<b>TOTAL</b>		<b>\$ 634,022</b>

**LOCAL SPONSORED PROJECT DETAILS  
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<b>LITCHFIELD PARK</b>		
<b>TIP #</b>	<b>Project Description</b>	<b>Federal Cost - ARRA</b>
LPK09-801	Pre-Engineer/Design and mill and replace pavement resurfacing/reconstruction	\$ 613,958
<b>TOTAL</b>		<b>\$ 613,958</b>

<b>MARICOPA COUNTY</b>		
<b>TIP #</b>	<b>Project Description</b>	<b>Federal Cost - ARRA</b>
MMA09-801	Pre-Engineer/Design and construct AR Overlay	\$ 6,469,193
<b>TOTAL</b>		<b>\$ 6,469,193</b>

<b>MESA</b>		
<b>TIP #</b>	<b>Project Description</b>	<b>Federal Cost - ARRA</b>
MES09-801R	Pre-Engineer/Design and pavement reconstruct and ADA upgrades	\$ 1,610,892
MES09-802R	Pre-Engineer/Design and construct mill and replace pavement	\$ 970,728
MES09-803	Pre-Engineer/Design and pavement reconstruct and ADA upgrades, Group 1	\$ 2,559,279
MES09-804	Pre-Engineer/Design and pavement reconstruct and ADA upgrades, Group 2	\$ 2,333,311
MES09-805	Pre-Engineer/Design and pavement reconstruct and ADA upgrades Group 3	\$ 3,310,569
<b>TOTAL</b>		<b>\$ 10,784,779</b>

<b>PARADISE VALLEY</b>		
<b>TIP #</b>	<b>Project Description</b>	<b>Federal Cost - ARRA</b>
PVY09-801	Pre-Engineer/Design and construct pavement resurface projects	\$ 823,174
<b>TOTAL</b>		<b>\$ 823,174</b>

<b>PEORIA</b>		
<b>TIP #</b>	<b>Project Description</b>	<b>Federal Cost - ARRA</b>
PEO100-07AC1	Construct Beardsley Road extension and bridge over New River	\$ 2,850,401
PEO09-801	Pavement Preservation: Major Arterial mill, overlay and re-striping	\$ 1,130,050
<b>TOTAL</b>		<b>\$ 3,980,451</b>

<b>PHOENIX</b>		
<b>TIP #</b>	<b>Project Description</b>	<b>Federal Cost - ARRA</b>
PHX07-316	Design & Construction of Intersection Improvements	\$ 1,000,000
PHX09-801	Design & Construction of Pavement Preservation	\$ 7,136,181
PHX09-802	Design & Construction of Pavement Preservation	\$ 7,150,000
PHX09-803	Design & Construction of Pavement Preservation	\$ 7,150,000
PHX09-804	Design & Construction of Removal/Replacement of Existing ADA Ramps or Construction of New ADA Ramps	\$ 1,750,000
PHX09-805	Design & Construction of Removal/Replacement of Existing ADA Ramps or Construction of New ADA Ramps	\$ 1,750,000
PHX09-806	Design & Costruct Bridge Deck Rehabilitations	\$ 2,250,000
PHX09-807	Design & Costruct Bridge Joint Rehabilitations	\$ 1,250,000
PHX09-808	Inventory / Programming & Procure / Install Traffic Control Signs	\$ 3,000,000
PHX09-809	Design & Procure/Install Fiber Optic Backbone System	\$ 1,500,000
PHX09-810	Design &Procure/Install CCTV	\$ 1,000,000
PHX09-811	Design &Procure/Install Wireless Communications	\$ 500,000
<b>TOTAL</b>		<b>\$ 35,436,181</b>

**LOCAL SPONSORED PROJECT DETAILS  
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<b>QUEEN CREEK</b>		
TIP #	Project Description	Federal Cost - ARRA
QNC09-801	Pre-Engineer/Design and construct resurfacing roadway	\$ 227,282
QNC09-802	Pre-Engineer/Design and construct resurfacing roadway and shoulder paving	\$ 805,816
<b>TOTAL</b>		<b>\$ 1,033,098</b>

<b>SALT RIVER PIMA-MARICOPA INDIAN COMMUNITY</b>		
TIP #	Project Description	Federal Cost - ARRA
SRP09-801	Design & Construction of Pavement Preservation/Chip-Seal	\$ 653,910
<b>TOTAL</b>		<b>\$ 653,910</b>

<b>SCOTTSDALE</b>		
TIP #	Project Description	Federal Cost - ARRA
SCT09-802	Preliminary engineering, design and construction for Mill & Replace	\$ 4,600,000
SCT09-703	Construct new pedestrian/bicycle bridge and multi-use path	\$ 882,333
SCT12-813	Replace traffic signal controllers and cabinets	\$ 439,633
<b>TOTAL</b>		<b>\$ 5,921,966</b>

<b>SUPRISE</b>		
TIP #	Project Description	Federal Cost - ARRA
SUR09-801	Pre-Engineer/Design and construct pavement Reconstruction and ITS Conduit Installation	\$ 2,933,374
<b>TOTAL</b>		<b>\$ 2,933,374</b>

<b>TEMPE</b>		
TIP #	Project Description	Federal Cost - ARRA
TMP09-801	Construct replacement bridge over the Western Canal	\$ 4,362,619
<b>TOTAL</b>		<b>\$ 4,362,619</b>

<b>TOLLESON</b>		
TIP #	Project Description	Federal Cost - ARRA
DOT07-323	Road Widening	\$ 652,890
<b>TOTAL</b>		<b>\$ 652,890</b>

<b>WICKENBURG</b>		
TIP #	Project Description	Federal Cost - ARRA
WKN09-801	Design and Complete Pavement Mill and Replace	\$ 644,140
<b>TOTAL</b>		<b>\$ 644,140</b>

<b>YOUNGTOWN</b>		
TIP #	Project Description	Federal Cost - ARRA
YTN09-801	Pre-Engineer/Design and construct mill and replace - pavement resurfacing	\$ 645,926
<b>TOTAL</b>		<b>\$ 645,926</b>

## American Recovery Investment Act (ARRA) - ADOT Allocation Update

- KEY**
- # Not recommended for prioritization.
  - \* Obligated, not awarded. Amount subject to change.
  - \*\* Special recommendation.

Prioritized by Regional Council (R.C) - Currently Funded with ARRA										
R.C. Priority Order	Recommendation	Prop. 400 Project	Project Location	Project Description	Status	Prog. Cost ('000s)	Actual Cost ('000s)	Diff. ('000s)	Avail. Funding ('000s)	Project Notes
1	1	Yes	I-10: Verrado Way - Sarival Rd	Construct General Purpose Lane	AWARD 07/17/09	\$26,272.0	\$26,271.6	\$0.4	\$103,121.4	Contract was awarded on July 17, 2009.
2	2	Yes	I-17: SR74-Anthem Way	Construct General Purpose Lane	CONST 8/7/09	\$13,314.1	\$13,314.1	(\$11)	\$89,807.3	Construction started on August 7, 2009
3	#	Yes	SR802: L202 to Ellsworth	Design & ROW		\$20,400.0			\$89,807.3	<del>This project was advanced from Phase III (2016-2020). The 2009 State Budget fix, removed the State STAN funds; this project is currently unfunded. The design component is \$12 million. The completion of the Environmental-Assessment is uncertain at this t</del>
4	3	Yes	US 60: SR 303L - 99th Ave	10 Miles Widening	BID 10/23/09	\$45,000.0	\$21,563.6*	\$23,436.4	\$68,243.7	The bid is expected to be opened on October 23, 2009.
5	4	Yes	US 60: 99th Ave - 83rd Ave	2.5 Miles Widening	STB 8/14/09	\$7,647.2	\$7,647.2	(\$7)	\$60,596.5	
6	5	Yes	Loop 101: Beardsley Rd / Union Hills	TI Improvement - Widening Union Hills and Bridge with Beardsley connector	BID 9/25/09	\$9,100.0	\$5,667.4	\$3,432.6	\$54,929.1	The bid is expected to be opened on September 25, 2009.
7	6	Yes	SR 85: Southern Ave - I 10	2 Miles New Roadway	BID 8/21/09	\$11,042.3	\$11,042.3*	\$0.0	\$43,886.8	The bid was opened on August 21, 2009. The lowest bid was \$11,042,300
8	7	Yes	SR 74: MP 20 - MP 22	2 Miles Passing Lane	BID 9/25/09	\$3,900.0	\$2,324.6	\$1,575.4	\$41,562.2	The bid is expected to be opened on September 25, 2009.
#	8	Yes	99th Ave: I-10 to MC85	99th Avenue/Van Buren Street intersection with the SRP well relocation, pavement rehabilitation for 99th Avenue from I-10 to Van Buren Street, and acquiring right-of-way.		\$3,152.9	\$2,500.0	\$652.9	\$39,062.2	This is a carry-over from Prop. 300. Project ready to Obligate.
<b>ARRA Funds Available as of October 27, 2009 to be programmed:</b>									<b>\$39,062.2</b>	

## American Recovery Investment Act (ARRA) - ADOT Allocation Update

- KEY**
- # Not recommended for prioritization.
  - \* Obligated, not awarded. Amount subject to change.
  - \*\* Special recommendation.

Projects Recommended to be Funded with Available ARRA Funds Based on Project Readiness - Currently Unfunded with ARRA										
R.C. Priority Order	Recommendation	Prop. 400 Project	Project Location	Project Description	Status	Prog. Cost ('000s)	Actual Cost ('000s)	Diff. ('000s)	Avail. Funding ('000s)	Project Notes
9	9**	Yes	Loop 101: Northern to Grand SB	Auxiliary lane - 3 miles		\$3,000.0			\$36,062.2	Project is ready to move forward. This project is requested to be combined with un-prioritized auxiliary lane project, Loop 101: 51st Ave to 27th Ave EB. Conformity would have to be assessed.
10	#	Yes	Loop 101: Olive Avenue	TI Improvements		\$3,000.0			\$33,062.2	This project is still in development and may not make the March 2, 2010 ARRA obligation deadline. Project readiness needs to be monitored. There is current funding committed for the project in 2010.
11	#	Yes	SR 74: MP 13 - MP 15	Construct Passing Lanes		\$3,200.0			\$29,862.2	This project is still in development and may not make the March 2, 2010 ARRA obligation deadline. Project readiness needs to be monitored. There is current funding committed for the project in 2010.
12	9**	Yes	I-17: I-10 to Indian School	Southbound Roadway Improvements		\$1,500.0			\$28,362.2	Final plans due by end of August 2009. Project requested to be funded based on project readiness.
13	#	Yes	Regionwide	Construct Noise Walls		\$15,600.0				This project is still in development and may not make the March 2, 2010 ARRA obligation deadline. Project readiness needs to be monitored. There is current funding committed for the project in 2010. Revised to \$15.6M at the January 2009 Regional Council.
#	9**	No	Loop 101: 51st Ave to 27th Ave EB	Auxiliary lane		\$3,000.0			\$25,362.2	Project is ready to move forward. This project is requested to be combined with auxiliary lane project, Loop 101: Northern to Grand SB. Conformity would have to be assessed.
#	10	Yes	SR 87: Four Peaks - Dos S Ranch Road	Construct Roadway Improvements		\$23,000.0			\$2,362.2	The project is projected to be ready to advertise by November 2009. Recommend as a "catch-all" for all remaining ARRA funds after previous bids are submitted.
#	11	Yes	143 Hohokam: SR 143/Sky Harbor Blvd TI	TI Improvements, Adding Ramps		\$35,100.0			(\$32,737.8)	Scheduled to advertise April 8, 2010. May be ready to obligate by the end of February 2010.

## American Recovery Investment Act (ARRA) - ADOT Allocation Update

**KEY**  
 # Not recommended for prioritization.  
 \* Obligated, not awarded. Amount subject to change.  
 \*\* Special recommendation.

Backup List of Projects to be Funded with Available ARRA Funds Based on Project Readiness - Currently Unfunded with ARRA										
R.C. Priority Order	Recommendation	Prop. 400 Project	Project Location	Project Description	Status	Prog. Cost ('000s)	Actual Cost ('000s)	Diff. ('000s)	Avail. Funding ('000s)	Project Notes
#	#	No	SR 87: Gilbert - Shea	Pavement Preservation		\$3,000.0			\$36,062.2	Work currently underway. Can no longer use ARRA funds.
#	#	No	I-8: Gila Bend Rest Area	Pavement Preservation		\$10,000.0			\$26,062.2	
#	#	No	I-8: MP 121 - Rest Area	Pavement Preservation		\$21,000.0			\$5,062.2	
#	#	No	US 60: San Domingo - Whitmann	Pavement Preservation		\$11,000.0			(\$5,937.8)	
#	#	No	US 60: Wickenburg to San Domingo Wash	Pavement Preservation		\$3,777.0			(\$9,714.8)	
#	#	Yes	Loop 303: Greenway to Mountain View	Construction		\$135,000.0				Conformity would have to be redetermined. This project is being advanced from 2012 to 2010. Will not be ready to obligate.
#	#	No	Loop 202: MP 10 - MP 17	Sign Replacement		\$1,150.0				
#	#	No	SR 51: MP 7 - MP 14	Sign Replacement		\$1,500.0				
#	#	No	I-10: MP 112 - MP 129	Sign Replacement		\$1,500.0				
#	#	No	I-10: MP 129 - MP 146	Sign Replacement		\$1,500.0				
#	#	No	I-17: MP 194 - MP 201	Sign Replacement		\$1,500.0				
#	#	No	Various Routes	Guard Rails		\$1,800.0				
#	#	No	I-17: 19th Avenue - 16th Street	Pavement Replacement		\$1,500.0				

# **MARICOPA ASSOCIATION OF GOVERNMENTS**

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

**DATE:**

November 10, 2009

**SUBJECT:**

Amendment of the FY 2010 MAG Unified Planning Work Program and Annual Budget to Accept FY 2009 Federal Transit Administration Planning Funding

**SUMMARY:**

Each year, MAG prepares a Unified Planning Work Program and Annual Budget that lists anticipated revenues for the coming year. Recently, the Arizona Department of Transportation notified MAG of the official amount of FY 2009 Federal Transit Administration Planning (FTA) funding. An amendment to the FY 2010 MAG Unified Planning Work Program and Annual Budget is needed to include the additional award of \$222,387.50 for FTA 2009.

**PUBLIC INPUT:**

No public input has been received.

**PROS & CONS:**

PROS: Amending the FY 2010 MAG Work Program and Annual Budget will make it possible for the funding awards to be utilized.

CONS: None.

**TECHNICAL & POLICY IMPLICATIONS:**

TECHNICAL: None.

POLICY: Under MAG budget policies, "modifications causing the overall size of the budget to increase or decrease in total, require the approval of the Regional Council at a public meeting."

**ACTION NEEDED:**

Recommend amending the FY 2010 MAG Unified Planning Work Program and Annual Budget to accept \$222,387.50 of additional FY 2009 Federal Transit Administration Planning Funding.

**PRIOR COMMITTEE ACTIONS:**

None.

**CONTACT PERSON:**

Becky Kimbrough, MAG Fiscal Services Manager, (602) 254-6300.

# **MARICOPA ASSOCIATION OF GOVERNMENTS**

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

**DATE:**

November 10, 2009

**SUBJECT:**

Federal Funded Projects Not Obligating in Federal Fiscal Year 2009

**SUMMARY:**

The Federal Fiscal Year (FFY) 2009 MAG Closeout process ran from March to July 2009. The FFY 2009 ended on September 30, 2009. Due to project development hurdles, two projects (one in Fountain Hills and one in Scottsdale) that were scheduled to obligate, either as planned in the normal TIP process or that were selected to receive federal funds through the MAG Closeout process, did not obligate before the end of FFY 2009. These two projects are being requested by the jurisdictions to be deferred from FFY 2009 to FFY 2010.

These projects are in addition to those that were approved through the Closeout process by the MAG Regional Council for deferral in June and July 2009. Currently, the Draft MAG Federal Fund Programming Guidelines do not include policies addressing deferral requests after the fiscal year. For both projects, these are first time deferral requests, which are allowed under the normal Closeout process as outlined in the Draft MAG Federal Fund Programming Guidelines.

Please refer to the attached table that lists information for projects requesting deferrals or that have not obligated in FFY 2009 as programmed and the deferral request letters from the sponsoring agency.

**PUBLIC INPUT:**

There was no public comment at the October 29, 2009, Transportation Review Committee meeting.

**PROS & CONS:**

PROS: Approval of these recommendations will allow for two federal fund projects to move forward and obligate funds in 2010.

CONS: The Federal authorization legislation for full federal funding to states and MPOs is still pending.

**TECHNICAL & POLICY IMPLICATIONS:**

TECHNICAL: Action to address federally funded project schedules is needed to ensure that all MAG federal funds are fully used in a timely and equitable manner. These actions may include any necessary amendments or administrative adjustments to the FY 2008-2012 MAG TIP to allow the projects to proceed, as noted in the Project Change sheet.

POLICY: MAG Staff has utilized the Draft MAG Federal Fund Programming Guidelines for direction.

**ACTION NEEDED:**

Recommend approval to defer the Federal Fiscal Year (FFY) 2009 projects listed in the attached table to FFY 2010.

**PRIOR COMMITTEE ACTIONS:**

On October 29, 2009, the MAG Transportation Review Committee recommended approval to defer the projects listed in the attachment to FFY 2010.

MEMBERS ATTENDING

- Peoria: David Moody
- ADOT: Steve Hull for Floyd Roehrich
- # Avondale: David Fitzhugh
- Buckeye: Scott Lowe
- Chandler: Dan Cook for Patrice Kraus
- El Mirage: Pat Dennis for Lance Calvert
- Fountain Hills: Randy Harrel
- \* Gila Bend: Rick Buss
- Gila River: Sreedevi Samudrala for Doug Torres
- Gilbert: Michelle Gramley for Tami Ryall
- Glendale: Bob Darr for Terry Johnson
- Goodyear: Cato Esquivel
- Guadalupe: Gino Turrubiarres

- \* Litchfield Park: Woody Scoutten for Mike Cartsonis
- Maricopa County: John Hauskins
- Mesa: Brent Stoddard for Scott Butler
- Paradise Valley: Bill Mead
- Phoenix: Ed Zuercher
- Queen Creek: Wendy Kaserman
- RPTA: Bryan Jungwirth
- Scottsdale: Dave Meinhart
- Surprise: Bob Maki
- Tempe: Jyme Sue McLaren for Chris Salomone
- Valley Metro Rail: John Farry
- Wickenburg: Rick Austin
- Youngtown: Grant Anderson for Lloyce Robinson

EX-OFFICIO MEMBERS ATTENDING

- \* Street Committee: Darryl Crossman
- \* ITS Committee: John Abraham

- Bicycle & Pedestrian Committee: Peggy Rubach
- \* Transportation Safety Committee: Kerry Wilcoxon

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

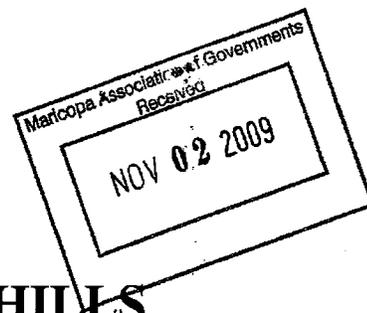
**CONTACT PERSON:**

Eileen O. Yazzie, Transportation Programming Manager, (602) 254-6300.

**TABLE A**  
**Federal Fiscal Year 2009 Closeout - Requests to Defer Projects and/or Remove Federal Funds from Projects**  
**New Project Deferral Requests**

**Requests to Defer Projects - First Request**  
**Per the Programming Principles, 'Member agencies are allowed a one time deferral without justification.'**

Closeout Request	TIPIDN	Agency	Location	Project Description	Mode	Federal Type	Local Cost	Federal Cost	Total Cost	Original Yr Prog. for Const.	# of Times Deferred	Year Requested to be deferred	Have Letter?	Notes
Deferred	FTH09-602	Fountain Hills	Fountain Hills Blvd: Fayette Dr to Fountain Hills Middle School	Design and construct 8 foot wide detached sidewalks	Ped	CMAQ	\$ 151,800	\$ 354,200	\$ 506,000	2009	0	2010	Yes	Request for a first time deferral
Deferred	SCT10-616	Scottsdale	McDowell Rd: Scottsdale Rd to Pima Rd	Construct smart corridor traffic control system	ITS	CMAQ	\$ 350,000	\$ 350,000	\$ 700,000	2009	0	2010	Yes	This project was advanced from 2010 to 2009 in Closeout. Would like to revert back to original 2010 program year.



## Town of FOUNTAIN HILLS Department of Public Works

October 15, 2009

Maricopa Association of Governments  
302 North 1<sup>st</sup> Avenue, Suite 300A  
Phoenix, Arizona 85003

Attn: Eileen Yazzie

Re: Request for Deferral of Fountain Hills Blvd. (Fayette to Middle School) – 8' S/W  
from FY 09 to FY10

Gentlemen and Ladies:

Please consider this the request of the Town of Fountain Hills to defer the above project,  
as follows:

Project Name: Fountain Hills Blvd. (Fayette to Fountain Hills Middle School)  
TIP Number: FTH09-602  
Federal Funds Programmed: \$354,200  
Total Project Cost: \$506,000  
Original Year Programmed: 2009  
Number of Previous Deferrals: 0

**Current Status in ADOT Process:**

1. 60% comments have been received back from ADOT, and preparation of the 90% plans, specs, and estimates are in process.
2. The project has received Environmental Clearance, by letter from Raegan Ball/ADOT on 1-23-09.
3. Acquisition of Easements and Temporary Construction Easements needed for this project's current design is currently 50% complete.
4. Utility Clearance Requirements are currently being resolved.

Reason for Deferral Request: Acquisition of the above Easements has progressed slower than anticipated. (Please note that the Town has no dedicated full -time right-of-way staff, and this is our first Federal Aid project where any acquisitions were needed.) We will be completing the easement acquisitions within the next 2 months, and will make design modifications (i.e. shifting the sidewalk closer to the roadway, adding retaining

Eileen Yazzie  
Page 2  
October 15, 2009

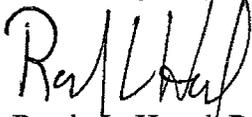
walls, etc.) at any locations where the necessary easements are not able to be acquired within that time frame.

**Project Completion Commitment:** Please note that this is this project's first deferral request. We had not realized at the time of the FY 2009 closeout back in April that we would not be able to obligate this project this fiscal year, but had advised MAG Staff of that in June.

We will make the 90% submittal to ADOT by January 2010, and will – from that point - be able to obligate this project well within FY 2010.

Thank you for your consideration of this deferral request.

Yours very truly,



Randy L. Harrel, P.E., L.S.  
Town Engineer

Cc: Rick Davis  
Tom Ward  
Jonathon Lassuy/ eps Engineering

Attachment: Completed MAG Deferral Request Form



Transportation Department

7447 E. Indian School Rd., Suite 205  
Scottsdale, AZ 85251

PHONE 480-312-7696  
FAX 480-312-4000

2 October 2009

Eileen Yazzi, MAG

RE: 2009 Deferral Justification Request for SCT10-616, McDowell Road Smart Corridor, Pima Road to Scottsdale Road.

Dear Eileen,

As requested, Scottsdale is requesting the deferral of SCT10-616 "back" to the original programmed year 2010. This project was ask to be accelerated to 2009 in late 2008 with the intension of having the design complete and ready to build. However, with the onset of budget cuts a new City Council, the Purchasing Department requested that all "on-call" contracts be terminated and re-bid for Council approval.

This action has forced Scottsdale staff to delay several projects, including The McDowell Road Smart Corridor Project. A new ITS On-call contract can not be established in time for the project to be designed and constructed in the current 2009 time-frame.

Scottsdale is respectfully requesting that this project be deferred **back** to its original 2010 TIP. The project was estimated at \$700,000, with a 50% City match. This project has not ever been deferred, only accelerated.

Scottsdale has completed the RFP for the ITS On-call and will be advertising the RFP by the end of October. Once secured, SCT10-616 will be the first design task of the new On-call consultant. The consultant will work through ADOT Local Governments to provide clearance letters and documentation, and any remaining request from ADOT. The schedule will reflect a design completion of May 2010, which should allow Scottsdale to bid this project under our Self-Certification and complete the project before December 2010.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Bruce Dressel", is written over a horizontal line.

Bruce Dressel  
ITS/TMC Manager  
City of Scottsdale  
480-312-2358  
[bdressel@scottsdaleaz.gov](mailto:bdressel@scottsdaleaz.gov)

# **MARICOPA ASSOCIATION OF GOVERNMENTS**

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

**DATE:**

November 10, 2009

**SUBJECT:**

New Finding of Conformity for the FY 2008-2012 MAG Transportation Improvement Program and Regional Transportation Plan 2007 Update, As Amended

**SUMMARY:**

On July 25, 2007, the MAG Regional Council approved a Finding of Conformity for the FY 2008-2012 MAG Transportation Improvement Program (TIP) and Regional Transportation Plan 2007 Update. Since that time, an amendment has been proposed that involves the addition of several projects, including Arizona Department of Transportation projects on Loop 101. The conformity assessment for the proposed amendment, which includes a regional emissions analysis, concludes that the TIP and Regional Transportation Plan 2007 Update meet all applicable federal conformity requirements and are in conformance with applicable air quality plans.

In a October 6, 2009 consultation memorandum, Attachment B, the described termini for the project DOT10-813 Loop 101 auxiliary east bound lane project was inadvertently listed as 51<sup>st</sup> Avenue to 27<sup>th</sup> Avenue, instead of 51<sup>st</sup> Avenue to 35<sup>th</sup> Avenue. It is important to note that the modeling conducted for the regional emissions analysis for the proposed amendment used the correct project limits from 51<sup>st</sup> Avenue to 35<sup>th</sup> Avenue. The attached November 10, 2009 conformity assessment includes a description of the projects in a revised Attachment B. Approval of the new conformity finding by the Regional Council is required prior to MAG approval of the amendment to the TIP and Regional Transportation Plan 2007 Update.

**PUBLIC INPUT:**

On October 6, 2009, a 30-day public review period began on the conformity assessment and proposed amendment to the TIP and Regional Transportation Plan 2007 Update. Comments on the conformity assessment and amendment were requested by November 5, 2009. No comments were received. The comment period has been extended to December 4, 2009.

**PROS & CONS:**

**PROS:** Approval of the conformity finding is required prior to approval of a major amendment to a TIP or Regional Transportation Plan by a metropolitan planning organization. The purpose of conformity is to ensure that transportation actions will not cause or contribute to violations of federal air quality standards.

**CONS:** None.

**TECHNICAL & POLICY IMPLICATIONS:**

TECHNICAL: Implementation of the TIP and Regional Transportation Plan 2007 Update will not cause or contribute to new violations of ambient air quality standards, increase the frequency or severity of any existing violations, or delay timely attainment of any standard or required emission reduction.

POLICY: The amendment to the TIP and Regional Transportation Plan 2007 Update may not be adopted until the conformity finding is approved. The conformity assessment is being prepared in accordance with federal and state regulations. In addition, federal guidance is followed in response to court rulings regarding transportation conformity.

**ACTION NEEDED:**

Recommend approval of the new Finding of Conformity for the FY 2008-2012 MAG Transportation Improvement Program and the Regional Transportation Plan 2007 Update, as amended.

**PRIOR COMMITTEE ACTIONS:**

None.

**CONTACT PERSON:**

Dean Giles, MAG, (602) 254-6300.



**MARICOPA  
ASSOCIATION of  
GOVERNMENTS**

302 North 1st Avenue, Suite 300 ▲ Phoenix, Arizona 85003  
Phone (602) 254-6300 ▲ FAX (602) 254-6490  
E-mail: mag@mag.maricopa.gov ▲ Web site: www.mag.maricopa.gov

November 10, 2009

TO: Leslie Rogers, Federal Transit Administration  
Robert Hollis, Federal Highway Administration  
John Halikowski, Arizona Department of Transportation  
Benjamin Grumbles, Arizona Department of Environmental Quality  
David Boggs, Regional Public Transportation Authority  
Richard Simonetta, Valley Metro Rail  
Debbie Cotton, City of Phoenix Public Transit Department  
Lawrence Odle, Maricopa County Air Quality Department  
Maxine Brown, Central Arizona Association of Governments  
Donald Gabrielson, Pinal County Air Quality Control District  
Wienke Tax, U.S. Environmental Protection Agency, Region IX  
Other Interested Parties

FROM: Dean Giles, Air Quality Planning Program Specialist

SUBJECT: CONSULTATION ON CONFORMITY ASSESSMENT FOR A PROPOSED  
AMENDMENT TO THE FY 2008-2012 MAG TRANSPORTATION IMPROVEMENT  
PROGRAM AND REGIONAL TRANSPORTATION PLAN 2007 UPDATE

On October 6, 2009, the Maricopa Association of Governments transmitted for consultation a conformity assessment for a proposed amendment to the FY 2008-2012 MAG Transportation Improvement Program (TIP) and Regional Transportation Plan 2007 Update that involves the addition of several projects, including Arizona Department of Transportation projects on Loop 101. The proposed amendment requires a new conformity determination on the TIP and Regional Transportation Plan 2007 Update. The project changes impact the modeling assumptions used in the most recent conformity analysis and a new regional emissions analysis was conducted.

In the October 6, 2009 memorandum, Attachment B, the described termini for the project DOT10-813 Loop 101 auxiliary east bound lane project was inadvertently listed as 51<sup>st</sup> Avenue to 27<sup>th</sup> Avenue, instead of 51<sup>st</sup> Avenue to 35<sup>th</sup> Avenue. It is important to note that the modeling conducted for the regional emissions analysis for the proposed amendment used the correct project limits from 51<sup>st</sup> Avenue to 35<sup>th</sup> Avenue. A description of the projects are provided in a revised Attachment B. The comment period has been extended to December 4, 2009.

The results of the regional emissions analysis for the proposed amendment, when considered together with the TIP and Regional Transportation Plan 2007 Update as a whole, meet the transportation conformity requirements for carbon monoxide, ozone, and particulate matter PM-10 (see Attachment A). As noted above, a description

A Voluntary Association of Local Governments in Maricopa County

of the projects is provided in a revised Attachment B. The proposed amendment and the corresponding regional emissions analysis are being provided for review and comment through the MAG Conformity Consultation Process. The amendment, as well as the corresponding consultation, will be on the agenda for the November 18, 2009 MAG Management Committee meeting and the December 9, 2009 MAG Regional Council meeting.

If you have any questions or comments, please contact me at (602) 254-6300.

#### Attachments

cc: Nancy Wrona, Arizona Department of Environmental Quality  
Jennifer Toth, Arizona Department of Transportation  
Mark Hodges, Arizona Department of Transportation

## ATTACHMENT A

### CONSULTATION ON CONFORMITY ASSESSMENT FOR A PROPOSED AMENDMENT TO THE FY 2008-2012 MAG TRANSPORTATION IMPROVEMENT PROGRAM AND REGIONAL TRANSPORTATION PLAN 2007 UPDATE

MAG is conducting consultation on an amendment to the FY 2008-2012 MAG Transportation Improvement Program (TIP) and the Regional Transportation Plan 2007 Update that includes the addition of several projects. The conformity assessment indicates that the proposed amendment to the TIP and Regional Transportation Plan 2007 Update satisfies the criteria specified in the federal transportation conformity rule for a conformity determination. A finding of conformity is therefore supported.

The federal conformity regulations at 40 CFR Parts 51 and 93 specify the criteria and procedures for conformity determinations for transportation plans, programs, and projects and their respective amendments. Under the federal transportation conformity rule, the principal criteria for a determination of conformity for transportation plans and programs are: (1) the TIP and Regional Transportation Plan must pass an emissions budget test with a budget that has been found to be adequate or approved by the U.S. Environmental Protection Agency (EPA) for transportation conformity purposes, or an interim emissions test; (2) the latest planning assumptions and emissions models specified for use in air quality implementation plans must be employed; (3) the TIP and Regional Transportation Plan 2007 Update must provide for the timely implementation of transportation control measures (TCMs) specified in the applicable air quality implementation plans; and (4) consultation.

The current conformity finding of the TIP and Regional Transportation Plan 2007 Update was made by the Federal Highway Administration and Federal Transit Administration on July 16, 2009. The results of the regional emissions analysis for the proposed amendment to the TIP and Regional Transportation Plan 2007 Update are described below and in Table A-1.

#### Regional Emissions Analysis

The proposed amendment to the TIP and Regional Transportation Plan 2007 Update must pass the emissions budget tests with budgets that have been found to be adequate or approved by the EPA for transportation conformity purposes. The MAG transportation and air quality models were utilized in the regional emissions analysis to assess the effect of the estimated emissions from projects in the amendment, when considered together with the emissions from the TIP and Regional Transportation Plan as a whole.

The modeling results indicate that for each pollutant and each modeled year the regional emissions from the projects in the proposed amendment considered together with the TIP and Regional Transportation Plan 2007 Update are less than the motor vehicle emissions budgets for carbon monoxide, ozone, and particulate matter (PM-10). In the regional emissions analysis for carbon monoxide, ozone, and PM-10, the year 2018 was modeled since it is an intermediate year that meets the federal conformity rule requirement that horizon years be no more than ten years apart. The analysis year 2028 was modeled since it is the last year of the Regional Transportation Plan 2007 Update.

The EPA approved the MAG Carbon Monoxide Maintenance Plan and 2006 emissions budget for carbon monoxide of 699.7 metric tons per day and a 2015 budget of 662.9 metric tons per day, effective April 8, 2005. The regional emissions analysis was conducted for carbon monoxide for the years 2010, 2015, 2018, and 2028.

Carbon monoxide was modeled in 2010, because 2015 is more than ten years beyond the 2002 base year used to calibrate the transportation model. The year 2015 was modeled since it is a maintenance year in the MAG Carbon Monoxide Maintenance Plan and is in the timeframe of the transportation plan and conformity determination. For carbon monoxide, the total regional vehicle-related emissions for the analysis year 2010 is projected to be less than the approved emissions budget of 699.7 metric tons per day, and the emissions for the analysis years 2015, 2018, and 2028 are projected to be less than the approved emissions budget of 662.9 metric tons per day. The applicable conformity test for carbon monoxide is therefore satisfied.

For eight-hour ozone, the EPA made a finding that the 2008 emissions budgets for volatile organic compounds (VOC) of 67.9 metric tons per day and nitrogen oxides (NO<sub>x</sub>) of 138.2 metric tons per day in the MAG 2007 Eight-Hour Ozone Plan are adequate for transportation conformity purposes, effective November 9, 2007. The regional emissions analysis was conducted for the eight-hour ozone precursors VOC and NO<sub>x</sub> for the years 2008, 2018, and 2028. The year 2008 was modeled for the ozone precursors since it is the attainment year in the Eight-Hour Ozone Plan and is in the timeframe of the transportation plan and conformity determination. For VOC, the total regional vehicle-related emissions for the analysis years 2008, 2018, and 2028 are projected to be less than the adequate emissions budget of 67.9 metric tons per day. For NO<sub>x</sub>, the total regional vehicle-related emissions for the analysis years 2008, 2018, and 2028 are projected to be less than the adequate emissions budget of 138.2 metric tons per day. The applicable conformity tests for eight-hour ozone are therefore satisfied.

For particulate matter (PM-10), the EPA made a finding that the 2010 emissions budget for PM-10 of 103.3 metric tons per day in the MAG Five Percent Plan for PM-10 is adequate for transportation conformity purposes, effective July 1, 2008. The regional emissions analysis was conducted for PM-10 for the years 2010, 2018, and 2028. The year 2010 was modeled for PM-10, because it is the attainment year in the MAG 2007 Five Percent Plan for PM-10 and is in the timeframe of the transportation plan and conformity determination. For PM-10, the total vehicle-related emissions for the analysis years of 2010, 2018, and 2028 are projected to be less than the 2010 emissions budget of 103.3 metric tons per day. The conformity test for PM-10 is therefore satisfied.

#### Latest Planning Assumptions and Emissions Models

In accordance with federal conformity requirements, the latest planning assumptions and emissions models specified for use in air quality implementation plans were employed for this conformity determination. The latest planning assumptions used for this conformity determination are consistent with the models, associated methods, and assumptions described in the Proposed Transportation Conformity Processes document distributed for interagency consultation in June 2009, with two exceptions. One exception is that July 2009 vehicle registration data received from the Arizona Department of Transportation (ADOT) was used in the emissions modeling. The other exception is that data from the MAG 2007 Regional Travel Time and Speed Study and ADOT freeway detectors was used to improve the speed estimates produced by the transportation model. A summary of the latest planning assumptions, including population, employment, and vehicle registration data used in the regional emissions analysis, is provided in Table A-2. All analyses were conducted using the latest planning assumptions and emissions models in force at the time the conformity analysis began on September 24, 2009.

#### Timely Implementation of Transportation Control Measures

The November 24, 1993 transportation conformity rule preamble indicates that "EPA believes that for conformity determinations on TIP amendments, the demonstration of timely implementation of TCMs should focus on the changes to the TIP which impact TCM implementation. A new status report on implementation of TCMs is not necessarily required for TIP amendments; the status report from the previous conformity determination may be relied on if by its nature the TIP amendment does not affect TCM implementation." Therefore, for this

amendment to the TIP and Regional Transportation Plan 2007 Update, the 2007 MAG Conformity Analysis is relied on for reporting the timely implementation of transportation control measures since the amendment does not affect TCM implementation.

In accordance with Section 93.113, the TIP and Regional Transportation Plan 2007 Update with the proposed amendment continue to provide for the timely completion or implementation of the TCMs in the applicable air quality implementation plans, and no schedule difficulties have been identified. In addition, nothing in the TIP and Regional Transportation Plan interferes with the implementation of any transportation control measures in the applicable air quality implementation plans, and priority is given to TCMs.

#### Consultation

In compliance with federal and state rules, MAG is required to provide reasonable opportunity for consultation with state air and transportation agencies, local agencies, U.S. Department of Transportation, Environmental Protection Agency and other interested parties. For this amendment, a 30-day consultation period is being provided on the conformity assessment contained in this memorandum. Consultation is concluded by notifying the agencies and other interested parties of any approval action taken by the MAG Regional Council and any comments received during the period of consultation.

TABLE A-1

CONFORMITY TEST RESULTS FOR CO, VOC, NO<sub>x</sub>, AND PM-10 (METRIC TONS/DAY)

Pollutant	Carbon Monoxide <sup>a</sup>		Eight-Hour Ozone <sup>b</sup>		PM-10 <sup>c</sup>		
	2006	2015	2008 VOC	2008 NO <sub>x</sub>	Onroad Mobile	Road Construction	2010 Total PM-10
<i>Budget or Test</i>	699.7	662.9	67.9	138.2	N/A	N/A	103.3
2008							
— Action			56.0	109.1			
2010							
— Action	477.1				76.5	8.0	84.5
2015							
— Action		448.2					
2018							
— Action		445.7	40.4	46.3	82.7	8.0	90.7
2028							
— Action		458.5	38.0	37.1	93.5	8.0	101.5

- a The Carbon Monoxide Maintenance Plan established emissions budgets for 2006 and 2015. The onroad mobile source emissions correspond to a Friday in December episode day conditions.
- b The MAG 2007 Eight-Hour Ozone Plan established 2008 budgets for volatile organic compounds and nitrogen oxides. The onroad mobile source emissions correspond to a Thursday in June episode day conditions.
- c The MAG 2007 Five Percent Plan for PM-10 established a 2010 emissions budget corresponding to an annual average day.

TABLE A-2

## LATEST PLANNING ASSUMPTIONS FOR MAG CONFORMITY DETERMINATIONS

<u>Assumption</u>	<u>Source</u>	<u>MAG Models</u>	<u>Next Scheduled Update</u>
Population and Employment	Under Governor's Executive Order 95-2, official County projections are updated every 5 years after a census. These official projections must be used by all agencies for planning purposes. Following the release of 2005 U.S. Census Survey data in June 2006, the Arizona Department of Economic Security (DES) prepared a new set of Maricopa County projections. MAG has also developed a set of employment projections for Maricopa County that are consistent with the DES population projections. The MAG Regional Council approved subcounty socioeconomic projections consistent with the 2005 Census Survey in May 2007.	DRAM/EMPAL; SAM-IM	Official Maricopa County socioeconomic projections based on Arizona Department of Commerce (DOC) county projections may be approved by the MAG Regional Council after the 2010 U.S. Census.
Traffic Counts	Transportation models were re-validated in 2009 using approximately 2,200 traffic counts collected in 2006-2008.	TransCAD	Region-wide traffic counts are typically collected by MAG every 2-4 years, if funds are available.
Vehicle Miles of Travel	Transportation models were re-calibrated in 2006 using the 2001 home interview survey and a 2001 on-board bus survey. The base year for the calibration of the transportation models was 2002. Partial re-calibration of the models were conducted in 2008-2009 based on the 2007 on-board bus survey.	TransCAD	The FY 2008 Unified Planning Work Program (UPWP) contained \$300,000 for an External Travel Survey and \$750,000 for a Household Travel Survey. When available, these data will be used to re-calibrate the transportation models.
Speeds	Transportation models were validated in 2009 using survey data on peak and off-peak highway speeds collected in 2007.	TransCAD	Travel speed studies are conducted periodically to validate the transportation models.
Vehicle Registrations	July 2009 vehicle registrations were provided by ADOT.	MOBILE6.2	When newer data become available from ADOT in MOBILE6 format.
Implementation Measures	Latest implementation status of commitments in prior SIPs.	N/A	Updated for every conformity analysis.

RTPID	TIP ID	Agency	Project Location	Project Description	FY	Length	Lanes Before	Lanes After	Fund Type	Local Cost	Federal Cost	ARRA Cost	Regional Cost	Total Cost	Requested Change
n/a	DOT10-814	ADOT	I-10 at Avondale Blvd	TI improvement construction project	2010	0.5	4	6	IM	\$ 114,000	\$ 1,886,000			\$ 2,000,000	New project
n/a	DOT10-816	ADOT	I-17: I-10 to Indian School	Southbound Roadway Improvements	2010	2.3	n/a	n/a	ARRA			\$ 1,500,000		\$ 1,500,000	New project
n/a	DOT10-815	ADOT	Loop 101 at Olive	TI improvement construction project	2010	0.3	n/a	n/a	ARRA			\$ 3,000,000		\$ 3,000,000	New project
n/a	DOT10-813	ADOT	Loop 101: 51st Ave to 35th Ave EB	Construct Auxiliary lane	2010	2.0	n/a	n/a	ARRA			\$ 3,000,000		\$ 3,000,000	New project
n/a	DOT12-841	ADOT	Loop 101: Northern to Grand SB	Construct Auxiliary lane - 3 miles	2010	2.5	n/a	n/a	ARRA			\$ 3,000,000		\$ 3,000,000	Advance project from 2012 to 2010
ACI-ELM-10-03-A	MMA10-801	Maricopa County	El Mirage Rd: Bell Rd to Deer Valley Dr	Construct roadway widening	2010	3.0	2	4	STP-MAG	\$ 13,253,312	\$ 6,633,599		\$ -	\$ 19,886,911	Combined two segments: El Mirage Rd from Bell Rd to South of Beardsley (programmed for CONST in FY 2010) and El Mirage Rd from South of Beardsley to Deer Valley Drive (programmed for CONST in FY 2011/2012)
ACI-ELM-10-03-A		Maricopa County	El Mirage Rd: Bell Rd to South of Beardsley Rd	Construct roadway widening	2010	1.8	0	6	RARF	\$ -	\$ -		\$ -	\$ -	Project Deleted.
ACI-NOR-30-03-A	MMA10-009CZ	Maricopa County	Northern Parkway: Sarival to Dysart	Construct roadway widening	2011	4.1	0	4	STP-MAG	\$ 4,570,626	\$ 10,664,795		\$ -	\$ 15,235,421	Project deferred from 2010 to 2011.
ACI-BDW-10-03	MES100-08C	Mesa	Broadway Rd: Dobson Rd to Country Club Dr	Construct roadway widening	2013	2.0	4	6	RARF	\$ 7,884,743	\$ -		\$ 5,276,712	\$ 13,161,454	Construction deferred from FY 2010 to FY 2013.
ACI-MES-10-03-A	MES150-10C	Mesa	Mesa Dr: US-60 (Superstition Fwy) to Southern	Construct roadway widening	2012	1.0	4	6	RARF	\$ 8,445,742	\$ -		\$ 4,852,884	\$ 13,298,626	Construction deferred from FY 2010 to FY 2012
ACI-THM-10-03	MES190-09C	Mesa	Thomas Rd: Gilbert Rd to Val Vista Dr	Construct roadway widening	2026	2.0	2	4	STP-MAG	\$ 1,681,906	\$ 3,745,362		\$ -	\$ 5,427,268	Construction deferred from FY 2010 to FY 2026.
ACI-SFN-10-03-A	SCT100-06C	Scottsdale	Loop 101 (Pima Fwy) North Frontage Rd: Hayden Rd to Scottsdale Rd	Construct roadway widening	2009	1.0	0	2	RARF	\$ 303,422	\$ -		\$ 707,985	\$ 1,011,407	Construction completed in FY 2009. Previously listed as completed in 2008.
ACI-PMA-10-03-A	SCT220-08AC	Scottsdale	Pima Rd: Thompson Peak Pkwy to Pinnacle Peak Rd	Construct roadway widening	2011	1.0	4	6	RARF	\$ 3,845,863	\$ -		\$ 8,925,402	\$ 12,771,265	Construction to be completed in FY 2011. Previously listed as completed in 2010.
ACI-SHA-20-03-B	SCT10-935	Scottsdale	Shea Auxiliary Lane from 90th St to Loop 101	Construct roadway widening	2017	1.0	6	8	RARF	\$ 1,711,941	\$ -		\$ 3,994,529	\$ 5,706,470	Project deferred from 2010 to 2017.
ACI-SHA-20-03-H	SCT10-938	Scottsdale	Shea Blvd - 96th St to 144th St ITS Improvements	Construct ITS Improvements	2012	7.0	6	6	RARF	\$ 618,727	\$ -		\$ 1,443,697	\$ 2,062,424	Project deferred from 2010 to 2012.

# **MARICOPA ASSOCIATION OF GOVERNMENTS**

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

**DATE:**

November 10, 2009

**SUBJECT:**

Conformity Consultation

**SUMMARY:**

The Maricopa Association of Governments is conducting consultation on a conformity assessment for an amendment and administrative modification to the FY 2008-2012 MAG Transportation Improvement Program (TIP). The proposed amendment and administrative modification involves several projects, including projects for the Arizona Department of Transportation, Fountain Hills, Mesa, Peoria, and Scottsdale. 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. A description of the projects is provided in the attached interagency consultation memorandum. Comments on the conformity assessment are requested by December 4, 2009.

**PUBLIC INPUT:**

Copies of the conformity assessment have been distributed for consultation to the Federal Transit Administration, Federal Highway Administration, Arizona Department of Transportation, Arizona Department of Environmental Quality, Regional Public Transportation Authority, City of Phoenix Public Transit Department, Valley Metro Rail, Maricopa County Air Quality Department, Central Arizona Association of Governments, Pinal County Air Quality Control District, U.S. Environmental Protection Agency and other interested parties including members of the public.

**PROS & CONS:**

**PROS:** Interagency consultation for the amendment and administrative modification notifies the planning agencies of project modifications to the TIP.

**CONS:** The review of the conformity assessment requires additional time in the project approval process.

**TECHNICAL & POLICY IMPLICATIONS:**

**TECHNICAL:** The amendment and administrative modification may not be considered until the consultation process for the conformity assessment is completed.

**POLICY:** Federal transportation conformity regulations require interagency consultation on development of the transportation plan, TIP, and associated conformity determinations to include a process involving the Metropolitan Planning Organization, State and local air quality planning

agencies, State and local transportation agencies, Environmental Protection Agency, Federal Highway Administration, and the Federal Transit Administration. Consultation on the conformity assessment has been conducted in accordance with federal regulations, MAG Conformity Consultation Processes adopted by the Regional Council in February 1996 and MAG Transportation Conformity Guidance and Procedures adopted by the Regional Council in March 1996. In addition, federal guidance is followed in response to court rulings regarding transportation conformity.

**ACTION NEEDED:**

Consultation.

**PRIOR COMMITTEE ACTIONS:**

None.

**CONTACT PERSON:**

Dean Giles, Air Quality Planning Program Specialist III, (602) 254-6300.

November 10, 2009

TO: Leslie Rogers, Federal Transit Administration  
Robert Hollis, Federal Highway Administration  
John Halikowski, Arizona Department of Transportation  
Benjamin Grumbles, Arizona Department of Environmental Quality  
David Boggs, Regional Public Transportation Authority  
Debbie Cotton, City of Phoenix Public Transit Department  
Richard Simonetta, Valley Metro Rail  
Lawrence Odle, Maricopa County Air Quality Department  
Maxine Brown, Central Arizona Association of Governments  
Donald Gabrielson, Pinal County Air Quality Control District  
Wienke Tax, U.S. Environmental Protection Agency, Region IX  
Other Interested Parties

FROM: Dean Giles, Air Quality Planning Program Specialist

SUBJECT: CONSULTATION ON A CONFORMITY ASSESSMENT FOR A PROPOSED  
AMENDMENT AND ADMINISTRATIVE MODIFICATION TO THE FY 2008-2012  
MAG TRANSPORTATION IMPROVEMENT PROGRAM

The Maricopa Association of Governments is conducting consultation on a conformity assessment for an amendment and administrative modification to the FY 2008-2012 MAG Transportation Improvement Program (TIP). The proposed amendment and administrative modification involves several projects, including projects for the Arizona Department of Transportation, Fountain Hills, Mesa, Peoria, and Scottsdale. Comments on the conformity assessment are requested by November 4, 2009.

MAG has reviewed the projects for compliance with the federal conformity rule and has found that consultation is required on the conformity assessment. 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. The conformity finding of the TIP and the associated Regional Transportation Plan 2007 Update, as amended, that was made by the Federal Highway Administration and Federal Transit Administration on July 16, 2009 remains unchanged by this action. The conformity assessment is being transmitted for consultation to the agencies listed above and other interested parties. If you have any questions or comments, please contact me at (602) 254-6300.

Attachment

cc: Nancy Wrona, Arizona Department of Environmental Quality  
Jennifer Toth, Arizona Department of Transportation  
Mark Hodges, Arizona Department of Transportation

## ATTACHMENT

### CONFORMITY ASSESSMENT FOR A PROPOSED AMENDMENT AND ADMINISTRATIVE MODIFICATION TO THE FY 2008-2012 MAG TRANSPORTATION IMPROVEMENT PROGRAM

The federal transportation conformity rule (40 CFR 93.105) requires interagency consultation when making changes to a Transportation Improvement Program (TIP) and Transportation Plan. The consultation processes are also provided in the Arizona Conformity Rule (R18-2-1405). This information is provided for consultation as outlined in the MAG Conformity Consultation Processes document adopted by the MAG Regional Council on February 28, 1996. In addition, federal guidance is followed in response to court rulings regarding transportation conformity.

The amendment includes projects that may be categorized as exempt from conformity determinations. Types of projects considered exempt are defined in the federal transportation conformity rule at 40 CFR 93.126. The administrative modification includes minor project revisions that do not require a conformity determination. Examples of minor project revisions include funding changes, design, right-of-way, and utility projects. The proposed amendment and administrative modification to the FY 2008-2012 MAG Transportation Improvement Program includes the projects on the attached table. The project number, agency, and description is provided, followed by the conformity assessment.

MAG has reviewed the projects for compliance with the federal conformity rule and consultation is required on the conformity assessment. The projects are not expected to create adverse emission impacts or interfere with Transportation Control Measure implementation. The conformity finding of the TIP and the associated Regional Transportation Plan that was made by the Federal Highway Administration and Federal Transit Administration on July 16, 2009 remains unchanged by this action.

## Amendment and Administrative Modification to the FY 2008-2012 MAG Transportation Improvement Program

TIP #	Agency	Project Location	Project Description	FY	Length	Fund Type	Local Cost	ARRA Cost	Federal Cost	Regional Cost	Total Cost	Requested Change	Conformity Assessment
DOT08-839	ADOT	SR143/Sky Harbor Blvd TI	Traffic interchange improvements	2010	1.82	ARRA/STP/RARF		\$ 2,360,000	\$30,873,820	\$ 1,866,180	\$35,100,000	Admin Mod: Change funding sources to a mix of ARRA, STP, and RARF. Dependent on approval of ARRA Highway agenda item.	A minor project revision is needed to change funding sources. The conformity status of the TIP and Regional Transportation Plan 2007 Update would remain unchanged.
DOT09-6COOR	ADOT	US 60: SR303L to 99th Ave	10 Miles widening	2010	10	ARRA		\$21,500,000			\$21,500,000	Admin Mod: Lower project costs from \$45 Million to \$21.5 million	A minor project revision is needed to reduce funding. The conformity status of the TIP and Regional Transportation Plan 2007 Update would remain unchanged.
DOT09-905	ADOT	101 (Agua Fria Fwy) / 99th Ave : I-10 to Van Buren St	Utilities & R/W	2010	1.0	RARF				\$ 2,300,000	\$ 2,300,000	Admin Mod: Increase budget by \$1,300,000.	A minor project revision is needed to increase funding. The conformity status of the TIP and Regional Transportation Plan 2007 Update would remain unchanged.
DOT09-964	ADOT	10: Loop 101 (Agua Fria Fwy) to I-17	Utility Relocation	2010	9.0	IM			\$ 4,702,000	\$ 8,998,000	\$13,700,000	Admin Mod: Decrease budget by \$1,300,000.	A minor project revision is needed to reduce funding. The conformity status of the TIP and Regional Transportation Plan 2007 Update would remain unchanged.
DOT10-6C32	ADOT	SR 74: US-60 (Grand Ave) to Loop 303 (Estrella Fwy); MP 13-15	Construct Passing Lanes	2010	2	ARRA		\$ 3,200,000			\$ 3,200,000	Admin Mod: Change type of funds from State to ARRA	A minor project revision is needed to change funding sources. The conformity status of the TIP and Regional Transportation Plan 2007 Update would remain unchanged.
DOT10-828	ADOT	SR 87: Four Peaks - Dos S Ranch Rd.	Construct Roadway improvements	2010	5.4	ARRA		\$21,000,000			\$21,000,000	Admin Mod: Change type of funds from RARF to ARRA	A minor project revision is needed to change funding sources. The conformity status of the TIP and Regional Transportation Plan 2007 Update would remain unchanged.
DOT08-828	ADOT	SR87: MP 211.8 - MP 213.0	Repair cut slopes for erosion control	2010	1.2	ARRA		\$ 2,000,000			\$ 2,000,000	Admin Mod: Change type of funds from RARF to ARRA	A minor project revision is needed to change funding sources. The conformity status of the TIP and Regional Transportation Plan 2007 Update would remain unchanged.
FTH09-602	Fountain Hills	Fountain Hills Blvd: Fayette Dr to Fountain Hills Middle School	Design and construct 8 foot wide detached sidewalks	2010	0.8	CMAQ	\$ 151,800		\$ 354,200		\$ 506,000	Admin Mod: Defer project from 2009 to 2010. Dependent on approval of Closeout item on agenda.	A minor project revision is needed to change programmed year. The conformity status of the TIP and Regional Transportation Plan 2007 Update would remain unchanged.
MES09-806	Mesa	Consolidated Canal Pathway, 8th Street and Lindsay	Design and construct 12-foot wide multi-use pathway with lighting and signing	2010	2.6	ARRA-TEA		\$ 1,416,754		\$ -	\$ 1,416,754	Request to modify project funding to add a second phase to the project with an additional \$666,754 in ARRA-TEA, and to change the project length back to 2.6 miles.	A minor project revision is needed to increase funding. The conformity status of the TIP and Regional Transportation Plan 2007 Update would remain unchanged.
PEO09-801	Peoria	Various Locations	Pavement Preservation: Major arterial mill, overlay, and re-striping	2010	4.7	ARRA	\$ 1,701,768	\$ 1,130,050			\$ 2,831,818	Admin Mod: Increase local and total costs by \$1,435,548.	A minor project revision is needed to increase funding. The conformity status of the TIP and Regional Transportation Plan 2007 Update would remain unchanged.
SCT10-616	Scottsdale	McDowell Rd: Scottsdale Rd to Pima Rd	Construct smart corridor traffic control system	2010	2	CMAQ	\$ 350,000		\$ 350,000		\$ 700,000	Admin Mod: Defer project from 2009 to 2010. Dependent on approval of Closeout item on agenda.	A minor project revision is needed to change programmed year. The conformity status of the TIP and Regional Transportation Plan 2007 Update would remain unchanged.

# **MARICOPA ASSOCIATION OF GOVERNMENTS**

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

**DATE:**

November 10, 2009

**SUBJECT:**

Proposed 2010 Revisions to 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 of several Public Works 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 2009 review of proposed revisions to the MAG Publication. A summary of cases is shown in Attachment One. A voting summary is shown in Attachment Two.

A summary of these recommendations has also been sent to MAG Public Works Directors for review for a period of one month. The complete package sent to the MAG Public Works Directors, including the proposed update packets to the MAG Standard Specifications and Details for Public Works Construction book is also available online for review at the following internet address:

<http://www.mag.maricopa.gov/event.cms?item=10878>

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 annual update packet will be available for purchase in early January 2010.

**PUBLIC INPUT:**

Development of these revisions has been achieved during open meetings of the MAG Specifications and Details Committee and has included input from 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.

**CONS:** Due to the constant evolutionary change inherent in the Specifications and Details process, annual updates to the printed and electronic versions are necessary.

**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 has now been discontinued so formal review by the Management Committee is requested.

**ACTION NEEDED:**

Information and discussion.

**PRIOR COMMITTEE ACTIONS:**

MAG Specifications and Details Committee. Reviewed and provided recommendations for the cases submitted for consideration throughout 2009.

VOTING MEMBERS

Robert Herz, P.E., RLS, Maricopa County DOT,  
*Chairman*  
Jim Badowich, Avondale  
Scott Zipprich, Buckeye  
Warren White, P.E., Chandler  
Dennis Teller, El Mirage  
Edgar Medina, Gilbert  
Tom Kaczmarowski, P.E., Glendale  
Troy Tobiasson, Goodyear

Gordon Haws, Mesa  
Jesse Gonzales, Peoria  
Jeff Van Skike, P.E., Phoenix (Street Trans.)  
Jami Erickson, Phoenix (Water)  
Mark Palichuk, Queen Creek  
Rodney Ramos, P.E., Scottsdale  
Nick Mascia, P.E., Surprise  
Tom Wilhite, P.E., Tempe

ADVISORY MEMBERS

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

Jeff Hearne, ARPA  
Paul Nebeker, Independent  
Bill Davis, NUCA  
Peter Kandaris, SRP Engineering

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

**CONTACT PERSON:**

Gordon Tyus, MAG, (602) 254-6300

The following table lists the cases submitted and the recommendations as shown:

MARICOPA ASSOCIATION OF GOVERNMENTS  
SPECIFICATIONS AND DETAILS COMMITTEE  
SUMMARY OF RECOMMENDATIONS FOR 2009 CASES FOR CONSIDERATION

<b>Case</b>	<b>Description</b>	<b>Recommended Action</b>
08-10	Detail 200 – Trench backfill and pavement Replacement	Approval
09-01	Modification to Section 340.2.1 – Detectable Warnings	Approval
09-02	Revisions to Section 630.6 – Air Release and Vacuum Valves	Approval
09-03	New Section 796 – Geosynthetics	Approval
09-04	Modification to Section 321 – Add Pavement Fabric Interlayer for AC Overlay	Approval
09-05	Revisions to Sections 220 and 703, and Detail 555 – Riprap Construction	Approval
09-06	New Section 306 – Mechanically Stabilized Subgrade - Geogrids	Approval
09-07	Revisions to Sections 725 and 701 – Portland Cement Concrete	Approval
09-08	Modification to Detail 240 – Valley Gutter	Approval
09-09	Revisions Section 792 – Dust Palliative	Approval
09-10	Incorporate Section 322 - Asphalt Concrete Overlay into Section 321 and delete Section 322	Approval
09-11	Modify Section 230 - Dust Palliative Application	Approval
09-12	Miscellaneous Bloopers A- Correct reference to Table 321-6 in section 321.10.4. B- Correct percent passing #30 sieve in section 325.2.1 C- Correct values in Table 715-1	Approval

<b>Case</b>	<b>Description</b>	<b>Recommended Action</b>
09-13	Dual Curb Ramp Details	Carry Forward
09-14	Revise Ramps for ADA Compliance, Details 231, 232, 233 and 234	Carry Forward
09-15	Revisions to Section 610.4: Pipe Protection	Carry Forward

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

October 9, 2009

**GENERAL INFORMATION:**

Case Number: 08-10  
Section/Detail: Detail 200 and Sections 336 and 601  
Title: Trench Backfill and Pavement Replacement  
Sponsor: Salt River Project  
Advisor: Peter Kandararis

**DISCUSSION:**

The purpose of this case was to make revisions necessary to eliminate numerous agency trench backfill and pavement replacement supplemental details by combining the most common practices. In 2008, the sponsor provided an updated Detail 200 and proposed revisions to Sections 336 and 601 to incorporate the most common agency supplements and exceptions. The sponsor also provided member agency representatives a summary of what would need to change in their agency supplements if the revisions to the MAG Specifications and Details were adopted.

Committee members requested that the case be reduced in scope to just standardizing and updating the detail drawings and delay revising sections 336 and 601. Detail 200 was split into Detail 200-1 which includes the section details for the most common trench repair methods, and Detail 200-2 which shows plan views for longitudinal and transverse trenches as well as additional details. This case should help to reduce agency supplements by providing several standard choices for trench backfill and pavement replacement details.

**RECOMMENDATION:**

Based on the following data, the MAG Standard Specifications and Details Committee recommends approval of this case.

Submittal Date:	February 2, 2008	Vote Summary:	Affirmative:	<b>12</b>
Vote Date:	September 2, 2009		Negative:	<b>1</b>
			Abstention:	<b>0</b>

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

October 9, 2009

**GENERAL INFORMATION:**

Case Number: 09-01  
Section/Detail: Section 340.2.1  
Title: Modification to Detectable Warnings  
Sponsor: Maricopa County  
Advisor: Bob Herz

**DISCUSSION:**

The purpose of the case was to update requirements to conform to current ADA requirements. The revised subsection shall read:

**340.2.1 Detectable Warnings.** Detectable warnings shall consist of raised truncated domes aligned in a square grid pattern in conformity to the Americans with Disabilities Accessibility Guidelines. Truncated domes shall have the following nominal dimensions: base diameter of 1.0 inches (0.9 inches minimum), top diameter of 50 percent of the base diameter minimum to 65 percent of the base diameter maximum, and height of 0.2 inches. Dome center-to-center spacing of 2.35 inches, measured between the most adjacent domes on the square grid. Dome center-to-center spacing for radial installations shall be 1.6 inches minimum and 2.4 inches maximum with a base-to-base spacing of 0.65 inches minimum. Detectable warnings shall contrast visually with adjoining surfaces. Visual contrast shall be obtained by color, use safety yellow or other approved color. The color shall be an integral part of the material surface. The material is to be durable with a non-slip surface not subject to spalling, chipping, delamination, or separation. All detectable warnings shall be approved by the jurisdictional agency prior to installation.

**RECOMMENDATION:**

Based on the following data, the MAG Standard Specifications and Details Committee recommends approval of this case.

Submittal Date:	January 7, 2009	Vote Summary:	Affirmative:	10
Vote Date:	June 3, 2009		Negative:	0
			Abstention:	0

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

October 9, 2009

**GENERAL INFORMATION:**

Case Number: 09-02  
Section/Detail: Section 630.6  
Title: Revisions to Air Release and Vacuum Valves  
Sponsor: City of Phoenix  
Advisor: Jami Erickson

**DISCUSSION:**

This case modified section 630.6 regarding vacuum relief valves, to remove references to specific vendors and include language for agency approved vendor lists. The revised section shall read:

**630.6 AIR RELEASE AND VACUUM VALVES:**

Valve assemblies shall be furnished and installed where shown and as detailed on the drawings.

(A) Air release on water mains shall be controlled by the use of an air release valve assembly, of size and type as shown on the plans. Air release valves shall be of the flanged or screwed type as designated on the Agency's approved products list or in the special provisions.

(B) Vacuum and Air Relief when called for on the plans shall be controlled by a vacuum relief valve on the air release valve noted above. The valves shall be of the same manufacture or may be a combination air and vacuum valve assembly designated on the Agency's approved products list or in the special provisions.

**RECOMMENDATION:**

Based on the following data, the MAG Standard Specifications and Details Committee recommends approval of this case.

Submittal Date:	January 7, 2009	Vote Summary:	Affirmative:	13
Vote Date:	September 2, 2009		Negative:	0
			Abstention:	0

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

October 9, 2009

**GENERAL INFORMATION:**

Case Number: 09-03  
Section/Detail: New Section 769  
Title: Geosynthetics  
Sponsor: Salt River Project  
Advisor: Peter Kandarlis

**DISCUSSION:**

MAG agencies currently use various geosynthetic materials for public works projects, yet there are no material or placement specifications within the MAG documents. Because of the increased use of these products in pavements, base and subgrade reinforcement, erosion protection, and filtration and separation, it is proposed to add a comprehensive materials section to the MAG document.

Revisions were incorporated based on comments from committee members and written comments from Mesa and Maricopa County Department of Transportation. Revisions included definitions of various geosynthetic materials applications. Members discussed including environmental protection. Revisions to the introductory paragraph and recommended additional language for the general description work scope were also discussed. Minor revisions to Table 796-4 were discussed and incorporated in the final approved case.

This new section provides material specifications for geosynthetics used in pavement, filtration and drainage, erosion control and soil or base reinforcement. Application and installation of these materials is addressed in Cases 09-04, 09-05 and 09-06.

**RECOMMENDATION:**

Based on the following data, the MAG Standard Specifications and Details Committee recommends approval of this case.

Submittal Date:	February 4, 2009	Vote Summary:	Affirmative:	13
Vote Date:	October 7, 2009		Negative:	1
			Abstention:	0

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

October 9, 2009

**GENERAL INFORMATION:**

Case Number: 09-04  
Section/Detail: Section 321  
Title: Add Pavement Fabric Interlayer for Asphalt Concrete Overlay  
Sponsor: SRP  
Advisor: Peter Kandararis

**DISCUSSION:**

The purpose of the case was to modify MAG Section 322 Asphalt Concrete Overlay to include pavement fabric installation specifications, not currently in MAG specs.

During discussions on this case, it was noted that with the new asphalt concrete specifications approved during the prior year, it would make sense to incorporate the entire Section 322 as a subsection of 321. So the fabric interlayer revisions to the concrete overlay would be placed in Section 321. (See Case 09-10.)

This case added the installation requirements for the pavement fabric interlayer materials specified in Case 09-03: Section 769 Geosynthetics. Revisions were incorporated from oral comments during committee meetings and written comments received from Mesa and Maricopa County. Discussions included adding a new table to Section 321 that specifies minimum temperature requirements for all asphalt concrete placement. Final discussion included adding cautionary text about the use of joint heaters to avoid damage to the fabric during paving operations.

**RECOMMENDATION:**

Based on the following data, the MAG Standard Specifications and Details Committee recommends approval of this case.

Submittal Date:	February 4, 2009	Vote Summary:	Affirmative:	10
Vote Date:	October 7, 2009		Negative:	3
			Abstention:	1

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

October 9, 2009

**GENERAL INFORMATION:**

Case Number: 09-05  
Section/Detail: Sections to 220 and 703, Detail 555  
Title: Revisions to Riprap Construction  
Sponsor: SRP  
Advisor: Peter Kandararis

**DISCUSSION:**

The purpose of this case was to update MAG Section 220 "Riprap Construction" to include geosynthetic materials, to incorporate Maricopa County Supplemental Specification 224, and to modernize and update specifications for riprap construction and materials.

Initially the case was designed to add installation of new geosynthetic materials, but grew to include MCDOT supplements and to update the riprap specifications throughout. This included removing archaic uses such as using sacked concrete for riprap, and discussions about methods and types of grouting. While working on this case, additional changes to the materials section (MAG 703) and MAG Detail 555 were also incorporated.

The final approved case provides riprap material and construction specifications that are more inclusive and up-to-date, as well as reduce Maricopa County supplements.

**RECOMMENDATION:**

Based on the following data, the MAG Standard Specifications and Details Committee recommends approval of this case.

Submittal Date:	February 4, 2009	Vote Summary:	Affirmative:	14
Vote Date:	October 7, 2009		Negative:	0
			Abstention:	0

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

October 9, 2009

**GENERAL INFORMATION:**

Case Number: 09-06  
Section/Detail: New Section 306  
Title: Mechanically Stabilized Subgrade - Geogrids  
Sponsor: SRP  
Advisor: Peter Kandarlis

**DISCUSSION:**

This case creates a new installation specification (Section 306) for base and subgrade reinforcement geosynthetics, also called geogrids. This section is primarily based on ADOT standard specification 306 and manufacturer's recommended updates.

Members discussed the use of geogrid fabrics and methods to repair grid material cut during utility excavation work. Revisions based on comments from the committee and written comments from Mesa and Maricopa County were incorporated in the new Geogrids section.

It was suggested that issues of repairing geogrids during trench repair be addressed in Section 336 in a future case.

**RECOMMENDATION:**

Based on the following data, the MAG Standard Specifications and Details Committee recommends approval of this case.

Submittal Date:	February 4, 2009	Vote Summary:	Affirmative:	13
Vote Date:	October 7, 2009		Negative:	1
			Abstention:	0

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

October 9, 2009

**GENERAL INFORMATION:**

Case Number: 09-07  
Section/Detail: Sections 725, 710, 503, 728  
Title: Portland Cement Concrete  
Sponsor: City of Goodyear and Arizona Rock Products Association  
Advisor: Troy Tobaisson

**DISCUSSION:**

Specification Section 725 Portland Cement Concrete requires major revision due to lack of updating in recent years. This case replaces all of Section 725 with a new set of specifications that incorporate changes in concrete technology, materials, and construction processes.

During 2008, the MAG Concrete Modernization Working Group met monthly to develop the new concrete specifications. The group was composed of agency technicians and industry experts, and included several committee members. Major changes/revisions included: elimination of 14 day compressive strength requirement; increase allowable amount of fly ash and add other concrete additives; moving aggregate requirements to section 701; reorganizing sections on mix design proportioning, mixing and delivery; clarifying wording for field personnel; updating the acceptance section and adjustment table; updating references to appropriate ACI and ASTM standards; and updating and clarifying the language throughout.

During 2009, the full committee provided extensive oral and written comments which were incorporated into the final specification. Discussions included: cylinder and core testing and acceptance criteria, clarifying job mixing process, and standardizing terminology throughout. A special meeting was held with Maricopa County DOT to discuss and then address their concerns. References to the Portland Cement Concrete in MAG sections 503 and 728 were also updated.

**RECOMMENDATION:**

Based on the following data, the MAG Standard Specifications and Details Committee recommends approval of this case.

Submittal Date:	March 4, 2009	Vote Summary:	Affirmative:	14
Vote Date:	October 7, 2009		Negative:	0
			Abstention:	0

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

October 9, 2009

**GENERAL INFORMATION:**

Case Number: 09-08  
Section/Detail: Detail 240  
Title: Modification to Valley Gutter  
Sponsor: Maricopa County  
Advisor: Bob Herz

**DISCUSSION:**

The purpose of the case was to revise valley gutter thickness to be consistent with the commercial and industrial driveway thickness as shown on Detail 250-1.

Detail 240 was revised to show the valley gutter constructed 9" rather than 8" thick and widened to 6' rather than 3'. Several additional notes were added or revised to clarify construction. These included defining joint locations to take into account ADA ramp installation, and clarifying the requirements for contraction joint construction.

**RECOMMENDATION:**

Based on the following data, the MAG Standard Specifications and Details Committee recommends approval of this case.

Submittal Date:	March 4, 2009	Vote Summary:	Affirmative:	13
Vote Date:	September 2, 2009		Negative:	0
			Abstention:	0

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

October 9, 2009

**GENERAL INFORMATION:**

Case Number: 09-09  
Section/Detail: Section 792  
Title: Revisions to Dust Palliatives  
Sponsor: Salt River Project  
Advisor: Peter Kandararis

**DISCUSSION:**

Case 09-09 made modifications to Section 792 – Dust Palliatives to update it for current dust palliative products and compliance with environmental requirements.

Based on input from product vendors, the application rate values for polymers needed adjustment. In addition, specifications for tall oil pitch emulsions were added. Testing requirements were added including a method to ensure environmental compliance.

Revisions to the application of dust palliatives are in Case 09-11.

**RECOMMENDATION:**

Based on the following data, the MAG Standard Specifications and Details Committee recommends approval of this case.

Submittal Date:	March 4, 2009	Vote Summary:	Affirmative:	14
Vote Date:			Negative:	0
			Abstention:	0

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

October 9, 2009

**GENERAL INFORMATION:**

Case Number: 09-10  
Section/Detail: Section 321  
Title: Incorporate Section 322 - Asphalt Concrete Overlay into Section 321 and delete Section 322  
Sponsor: Salt River Project  
Advisor: Peter Kandarlis

**DISCUSSION:**

Changes made to Section 321 in 2009 resulted in a comprehensive asphalt placement specification. The existing asphalt concrete overlay specification heavily references Section 321 and is really just a subset of asphalt placement work. The purpose of this case is to revise Section 321 to include all requirements for asphalt concrete overlay work and eliminate Section 322. The asphalt concrete overlay placement requirements would be included in a new subsection 321.8.6.

In the process of reviewing this case, members suggested updates to the asphalt concrete overlay specifications such as replacing burning or blading of damaged pavement with milling or repair.

The final revised subsection 321.8.6 incorporated committee comments, and cleared up language and previous references to be consistent with the rest of Section 321.

**RECOMMENDATION:**

Based on the following data, the MAG Standard Specifications and Details Committee recommends approval of this case.

Submittal Date:	May 6, 2009	Vote Summary:	Affirmative:	10
Vote Date:	August 5, 2009.		Negative:	0
			Abstention:	0

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

October 9, 2009

**GENERAL INFORMATION:**

Case Number: 09-11  
Section/Detail: Section 230  
Title: Modify Dust Palliative Application  
Sponsor: Salt River Project  
Advisor: Peter Kandarlis

**DISCUSSION:**

The purpose of Case 9-11 was to revise MAG Section 230 to include: a product verification process, applicator compliance verification, updated distributor equipment requirements, field quality control measurements, remedies for deficient work, and warranty of work.

The existing specification does not provide methods to measure and verify that the quantity and quality of dust control products delivered and applied at the site are in conformance with the bid materials. Also the existing specification does not provide remedies for deficient work or warranty of the work. There have also been many changes in dust control materials, and agency practices. This specification also includes improvements in the application and vendor verification of dust palliatives.

Discussions included the length of warranty and it's applicability in areas with traffic. Revisions included product acceptance and warranty periods based on type of application, with no warranty requirement for applications subject to traffic.

This case updates the application of dust palliatives materials that were updated in Case 09-09.

**RECOMMENDATION:**

Based on the following data, the MAG Standard Specifications and Details Committee recommends approval of this case.

Submittal Date:	May 6, 2009	Vote Summary:	Affirmative:	14
Vote Date:	October 7, 2009		Negative:	0
			Abstention:	0

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

October 9, 2009

**GENERAL INFORMATION:**

Case Number: 09-12  
Section/Detail: New Sections 331 and 714  
Title: Miscellaneous Bloopers  
Sponsor: Maricopa County and Arizona Rock Products Association  
Advisor: Bob Herz and Jeff Hearne

**DISCUSSION:**

This case corrects errors in the current specifications due to incorrect references, oversight or formatting issues. The three bloopers corrected were:

A- Correct reference to Table 321-6 in section 321.10.4.  
(Changed the reference number to match the table number.)

B- Correct percent passing #30 sieve in section 325.2.1  
(The graduation table 325.2.1 was corrected to make the passing range on the No. 30 sieve from 5 to 15 percent, not 15 to 24 percent.)

C- Correct values in Table 715-1  
(Previous formatting errors required placing correct values in the table based on a previously published edition.)

**RECOMMENDATION:**

The MAG Standard Specifications and Details Committee recommends carrying forward this case for further discussion in 2009.

Submittal Date:	June 3, 2009	Vote Summary:	Affirmative:	12
Vote Date:	September 2, 2009		Negative:	0
			Abstention:	0

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

October 9, 2009

**GENERAL INFORMATION:**

Case Number: 09-13  
Section/Detail: To be determined  
Title: Dual Curb Ramp Details  
Sponsor: Peoria  
Advisor: Jesse Gonzales

**DISCUSSION:**

MAG currently only has single curb ramp details for street corners. Many agencies use dual curb ramps and have supplemental details for them. It was proposed to add dual curb ramp details to the MAG details. This would promote a uniform standard for dual curb ramps and help reduce agency supplements.

The City of Peoria submitted several schematic diagrams for dual curb ramps. The City of Tempe also submitted the supplemental detail drawing they use for consideration.

Since there is still additional work needed to come to a consensus on a detail that incorporates the essential and best aspects of agency requirements. This case will be continued in 2010.

**RECOMMENDATION:**

The MAG Standard Specifications and Details Committee plans to carry forward this case for further discussion in 2010.

Submittal Date:	July 1, 2009	Vote Summary:	Affirmative:	0
Vote Date:	No Vote Taken		Negative:	0
			Abstention:	0

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

October 9, 2009

**GENERAL INFORMATION:**

Case Number: 09-14  
Section/Detail: Details 231, 232, 233 and 234  
Title: Revise Ramps for ADA Compliance  
Sponsor: Maricopa County  
Advisor: Bob Herz

**DISCUSSION:**

To obtain compliance with current ADA requirements, MAG sidewalk ramp details need to be updated. Details 231 and 233 have undersized landing areas for turning. Revised details show 5-ft by 5-ft landing dimensions. Details 232 and 234 are non-compliant since the path going across the ramp exceeds the allowable 2% maximum cross slope. Details have been revised to obtain a 1.5% cross slope for the landing at the bottom of the ramps.

Many agencies have supplements to MAG which can be used to update the MAG details for ADA compliance. The City of Tempe submitted the supplemental detail drawing they use for consideration.

Since there is still additional work needed to come to a consensus on a detail that incorporates the essential and best aspects of agency requirements and be compliant with ADA requirements. This case will be continued in 2010.

**RECOMMENDATION:**

The MAG Standard Specifications and Details Committee plans to carry forward this case for further discussion in 2010.

Submittal Date:	July 1, 2009	Vote Summary:	Affirmative:	0
Vote Date:	No Vote Taken		Negative:	0
			Abstention:	0

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

October 9, 2009

**GENERAL INFORMATION:**

Case Number: 09-15  
Section/Detail: Section 610.4  
Title: Pipe Protection  
Sponsor: City of Tempe  
Advisor: Tom Wilhite

**DISCUSSION:**

This case proposed modifying Section 610.4 to clarify water line pipe protection measures at the job site prior to placement (during storage or staging) to help prevent contamination. The current proposed language reads:

Every precaution shall be taken to prevent foreign material from entering the pipe. The ends of the pipe shall be plugged or wrapped at all times when a pipe laying is not in progress, which includes storage and staging at the site. The open ends of each pipe section shall be protected from foreign material entering by taped closure of the polywrap when the pipe is stored or staged. The pipe line shall be protected by a water-tight plug or other means approved by the Engineer when the pipe is in the trench if pipe laying is not in progress.

Comments from pipe industry representatives and suppliers objected to the expense and difficulty in keeping the ends plugged during shipping and handling. Since additional feedback from industry and member agencies is required. This case will be continued in 2010.

**RECOMMENDATION:**

The MAG Standard Specifications and Details Committee plans to carry forward this case for further discussion in 2010.

Submittal Date:	July 1, 2009	Vote Summary:	Affirmative:	0
Vote Date:	No Vote Taken		Negative:	0
			Abstention:	0

## 2009 PROPOSED REVISIONS TO MAG SPECIFICATIONS AND DETAILS

(Updated information can be found on the website: <http://www.mag.maricopa.gov/detail.cms?item=9688> )

CASE	DESCRIPTION	PROPOSED BY	MEMBER	SUBMITTAL DATE Last Revision	VOTE DATE	VOTE	
08-10	<u>Case 08-10</u> : Revisions to Detail 200 and Sections 336 and 601 – Trench Backfill and Pavement	SRP	Peter Kandarlis	02/06/2008 08/05/2009	Approved 09/02/2009	12 1 0	Yes No Abstain
09-01	<u>Case 09-01</u> : Modification to Section 340.2.1 – Detectable Warnings	MCDOT	Bob Herz	01/07/2009 02/04/2009	Approved 06/03/2009	10 0 0	Yes No Abstain
09-02	<u>Case 09-02</u> : Revisions to Section 630.6 – Air Release and Vacuum Valves	Phoenix	Jami Erickson	02/04/2009 08/05/2009	Approved 09/02/2009	13 0 0	Yes No Abstain
09-03*	<u>Case 09-03</u> : New Section 796 – GEOSYTHETICS	SRP	Peter Kandarlis	02/04/2009 10/07/2009	Approved 10/07/2009	13 1 0	Yes No Abstain
09-04*	<u>Case 09-04</u> : Modification to Section 321 – Add Pavement Fabric Interlayer for AC Overlay	SRP	Peter Kandarlis	02/04/2009 09/17/2009	Approved 10/07/2009	10 3 1	Yes No Abstain
09-05	<u>Case 09-05</u> : Revisions to Sections 220 and 703, and Detail 555 – Riprap Construction	SRP	Peter Kandarlis	02/04/2009 09/02/2009	Approved 10/07/2009	14 0 0	Yes No Abstain
09-06	<u>Case 09-06</u> : New Section 306 – MECHANICALLY STABILIZED SUBGRADE - GEOGRIDS	SRP	Peter Kandarlis	02/04/2009 09/17/2009	Approved 10/07/2009	13 1 0	Yes No Abstain
09-07	<u>Case 09-07</u> : Revisions to Sections 725 and 701 – Portland Cement Concrete	Goodyear	Troy Tobaisson	03/04/2009 09/02/2009	Approved 10/07/2009	14 0 0	Yes No Abstain
09-08	<u>Case 09-08</u> : Modification to Detail 240 – Valley Gutter	MCDOT	Bob Herz	03/04/2009 08/05/2009	Approved 09/02/2009	13 0 0	Yes No Abstain
09-09	<u>Case 09-09</u> : Revisions Section 792 – Dust Palliative	SRP	Peter Kandarlis	03/04/2009 09/17/2009	Approved 10/07/2009	14 0 0	Yes No Abstain

\* Case was approved with verbal modifications at time of voting.

## 2009 PROPOSED REVISIONS TO MAG SPECIFICATIONS AND DETAILS

(Updated information can be found on the website: <http://www.mag.maricopa.gov/detail.cms?item=9688> )

CASE	DESCRIPTION	PROPOSED BY	MEMBER	SUBMITTAL DATE Last Revision	VOTE DATE	VOTE	
09-10	<u>Case 09-10</u> : Incorporate Section 322 - Asphalt Concrete Overlay into Section 321 and delete Section 322	SRP	Peter Kandarlis	05/06/2009 07/29/2009	Approved 08/05/2009	10 0 0	Yes No Abstain
09-11*	<u>Case 09-11</u> : Modify Section 230 - Dust Palliative Application	SRP	Peter Kandarlis	05/06/2009 09/17/2009	Approved 10/07/2009	14 0 0	Yes No Abstain
09-12	<u>Case 09-12</u> : Miscellaneous Bloopers A- Correct reference to Table 321-6 in section 321.10.4. B- Correct percent passing #30 sieve in section 325.2.1 C- Correct values in Table 715-1	MCDOT MCDOT ARPA	Bob Herz Bob Herz Jeff Hearne	06/03/2009 07/01/2009 07/01/2009	Approved 09/02/2009	12 0 0	Yes No Abstain
09-13	<u>Case 09-13</u> : Dual Curb Ramp Details	Peoria	Jesse Gonzales	07/01/2009	Carry Foreward	0 0 0	Yes No Abstain
09-14	<u>Case 09-14</u> : Revise Ramps for ADA Compliance, Details 231, 232, 233 and 234	MCDOT	Bob Herz	07/01/2009	Carry Foreward	0 0 0	Yes No Abstain
09-15	<u>Case 09-15</u> : Revisions to Section 610.4: Pipe Protection	Tempe	Tom Wilhite	07/01/2009	Carry Foreward	0 0 0	Yes No Abstain

\* Case was approved with verbal modifications at time of voting.

## MAG Specification & Detail Committee VOTING SUMMARY for 2009

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
08-10	Revisions to Detail 200 and Sections 336 and 601 – Trench Backfill and Pavement	9/2/2009	Y	Y	Y	—	Y	Y	Y	Y	N	Y	Y	—	Y	Y	Y	12-1-0-2
09-01	Modification to Section 340.2.1 – Detectable Warnings	6/3/2009	—	Y	Y	—	—	Y	—	Y	Y	Y	Y	Y	—	Y	Y	10-0-0-5
09-02	Revisions to Section 630.6 AIR RELEASE AND VACUUM VALVES	9/2/2009	Y	Y	Y	—	Y	Y	Y	Y	Y	Y	Y	—	Y	Y	Y	13-0-0-2
09-03*	New Section 796 GEOSYNTHETICS	10/7/2009	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	—	Y	Y	Y	13-1-0-1
09-04*	Modification to Section 321 – Add Pavement Fabric Interlayer for AC Overlay	10/7/2009	Y	Y	Y	Y	Y	Y	Y	A	N	N	Y	—	N	Y	Y	10-3-1-1
09-05	Revisions to Sections 220 and 703, and Detail 555 – Riprap Construction	10/7/2009	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	—	Y	Y	Y	14-0-0-1
09-06	New Section 306 – MECHANICALLY STABILIZED SUBGRADE - GEOGRIDS	10/7/2009	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	—	Y	Y	Y	13-1-0-1
09-07	Revisions to Sections 725 and 701 – Portland Cement Concrete	10/7/2009	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	—	Y	Y	Y	14-0-0-1
09-08	Modification to Detail 240 – Valley Gutter	9/2/2009	Y	Y	Y	—	Y	Y	Y	Y	Y	Y	Y	—	Y	Y	Y	13-0-0-2
09-09	Revisions Section 792 – Dust Palliative	9/2/2009	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	—	Y	Y	Y	14-0-0-1
09-10	Incorporate Section 322 - Asphalt Concrete Overlay into Section 321 and delete Section 322	8/5/2009	—	—	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)

\*: Indicates changes made to proposal prior to vote.

## MAG Specification & Detail Committee VOTING SUMMARY for 2009

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
09-11*	Modify Section 230 - Dust Palliative Application	10/7/2009	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	—	Y	Y	Y	14-0-0-1
09-12	Miscellaneous Bloopers A- Correct reference to Table 321-6 in section 321.10.4. B- Correct percent passing #30 sieve in section 325.2.1 C- Correct values in Table 715-1	9/2/2009	Y	Y	Y	—	Y	Y	Y	Y	Y	Y	Y	—	—	Y	Y	12-0-0-3
09-13	Dual Curb Ramp Details		C	A	R	R	Y		O	V	E	R		2	0	1	0	
09-14	Revise Ramps for ADA Compliance, Details 231, 232, 233 and 234		C	A	R	R	Y		O	V	E	R		2	0	1	0	
09-15	Revisions to Section 610.4: Pipe Protection		C	A	R	R	Y		O	V	E	R		2	0	1	0	

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

\*: Indicates changes made to proposal prior to vote.

# **MARICOPA ASSOCIATION OF GOVERNMENTS**

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

**DATE:**

November 10, 2009

**SUBJECT:**

On-Call Consulting List for the Socioeconomic Modeling and Research Support Project

**SUMMARY:**

The Fiscal Year (FY) 2010 MAG Unified Planning Work Program and Annual Budget, approved by the MAG Regional Council in May 2009, lists three on-call projects (AZ-SMART Phase II On-Call, AZ-SMART Enhancements - Employment Classification and Redevelopment Activity, Activity Based Socioeconomic Modeling Sub-models On-Call) to support socioeconomic modeling and research. These projects have been combined into one on-call solicitation as the Socioeconomic Modeling and Research Support Project for a cost not to exceed \$450,000. The purpose of the project is to enable MAG to maintain state-of-the-art projections models to support socioeconomic and transportation planning needs. MAG issued a Request for Qualifications to create an on-call consulting list for the project with two areas of expertise: (A) Research, data collection, demographic, and economic analysis; and (B) Application development, Geographic Information Systems, database management, and socioeconomic modeling.

MAG received Statements of Qualifications (SOQs) from Applied Economics, ECONorthwest, Planning Technologies, Technology Associates, TerraSystems Southwest, University of Arizona - Economic and Business Research Center, and Urban Analytics. A multi-agency evaluation team reviewed the SOQs and unanimously recommended to MAG that the following firms be included on a MAG on-call consulting list for the Socioeconomic Modeling and Research Support Projects:

Area of Expertise A (Research, data collection, demographic, and economic analysis): Applied Economics, ECONorthwest, Planning Technologies, University of Arizona - Economic and Business Research Center, and Urban Analytics.

Area of Expertise B (Application development, Geographic Information Systems, database management, and socioeconomic modeling): Applied Economics, ECONorthwest, Planning Technologies, Technology Associates, TerraSystems Southwest, University of Arizona - Economic and Business Research Center, and Urban Analytics.

**PUBLIC INPUT:**

None.

**PROS & CONS:**

**PROS:** As the needs of the modeling process unfolds, the creation of an on-call consulting list will enable MAG to assign the consultants with the skills best suited to meet those needs.

**CONS:** None.

**TECHNICAL & POLICY IMPLICATIONS:**

TECHNICAL: The maintenance of state-of-the-art projections models ensures that MAG socioeconomic models can meet the data requirements of transportation models. Enhanced socioeconomic and land use models will support socioeconomic and transportation planning needs.

POLICY: Timely regional and transportation planning and analysis provides policy makers with current information upon which to make decisions.

**ACTION NEEDED:**

Recommend approval of the list of on-call consultants for area of Expertise A (Research, data collection, demographic, and economic analysis): Applied Economics, ECONorthwest, Planning Technologies, University of Arizona - Economic and Business Research Center, and Urban Analytics; Area of Expertise B (Application development, Geographic Information Systems, database management, and socioeconomic modeling): Applied Economics, ECONorthwest, Planning Technologies, Technology Associates, TerraSystems Southwest, University of Arizona - Economic and Business Research Center, and Urban Analytics, for the MAG Socioeconomic Modeling and Research Support Project, for a total amount not to exceed \$450,000.

**PRIOR COMMITTEE ACTIONS:**

MAG Socioeconomic Modeling and Research Support Project Statement of Qualifications (SOQ) Evaluation Team: On November 3, 2009, a multi jurisdictional evaluation team reviewed the Statement of Qualifications (SOQs) and unanimously recommended to MAG approval of the list of on-call consultants:

Area of Expertise A (Research, data collection, demographic, and economic analysis):  
Applied Economics, ECONorthwest, Planning Technologies, University of Arizona - Economic and Business Research Center, and Urban Analytics.

Area of Expertise B (Application development, Geographic Information Systems, database management, and socioeconomic modeling): Applied Economics, ECONorthwest, Planning Technologies, Technology Associates, TerraSystems Southwest, University of Arizona - Economic and Business Research Center, and Urban Analytics.

SOQ EVALUATION TEAM

Wahid Alam, City of Mesa, Chair of MAG  
POPTAC Adhoc Subcommittee  
Ray Quay, City of Phoenix

Timothy Smothers, City of Peoria  
Rita Walton, MAG  
Anubhav Bagley, MAG

**CONTACT PERSON:**

Anubhav Bagley, (602) 254-6300

# **MARICOPA ASSOCIATION OF GOVERNMENTS**

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

**DATE:**

November 10, 2009

**SUBJECT:**

Approval of the Draft July 1, 2009 Maricopa County and Municipality Resident Population Updates

**SUMMARY:**

MAG staff has prepared draft July 1, 2009 Maricopa County and Municipality Resident Population Updates. The Updates were prepared using the 2005 Census Survey for Maricopa County as the base and housing unit data supplied and verified by MAG member agencies. The method used to calculate the updates was approved by the MAG Population Technical Advisory Committee (POPTAC). Because there may be changes to the Maricopa County control total by the Arizona Department of Commerce (ADOC), the MAG POPTAC recommended approval of these Updates provided that the Maricopa County control total is within one percent of the final control total. The Updates are used to allocate \$23 million in lottery funds to local jurisdictions, prepare local budgets and set expenditure limitations.

The Arizona Department of Commerce 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, 2009 Maricopa County and Municipality Resident Population Updates are needed to gauge growth in the region, distribute \$23 million in lottery funds to cities and towns, prepare budgets and set expenditure limitations.

CONS: None.

**TECHNICAL & POLICY IMPLICATIONS:**

TECHNICAL: The July 1, 2009 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, 2009 Maricopa County and Municipality Resident Population Updates are needed by local officials to accommodate and budget for growth.

**ACTION NEEDED:**

Recommend approval of the July 1, 2009 Maricopa County and Municipality Resident Population Updates provided that the Maricopa County control total is within one percent of the final control total.

**PRIOR COMMITTEE ACTIONS:**

MAG POPTAC: On November 10, 2009, the MAG Population Technical Advisory Committee unanimously recommended approval of the July 1, 2009 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

- George Pettit, Gilbert, Chairman
- \* Bryant Powell, Apache Junction
- # Scott Wilken, Avondale
- Brian Rose, Buckeye
- # DJ Stapley, Carefree
- \* Usama Abujbarah, Cave Creek
- Sam Andrea for Jason Crampton, Chandler
- # Mark Smith, El Mirage
- # Eugene Slechta, Fountain Hills
- \* Terry Yergan, Gila River Indian Community
- Thomas Ritz, Glendale
- # Katie Wilken, Goodyear
- \* Gino Turrubiarres, Guadalupe
- \* Rick Buss, Town of Gila Bend
- # Sonny Culbreth, Litchfield Park

- \* Matt Holm, Maricopa County
- Wahid Alam, Mesa
- # George Burton for Molly Hood, Paradise Valley
- \* Ed Boik, Peoria
- Chris DePerro, Phoenix
- Dave Williams, Queen Creek
- \* Bryan Meyers,
- Salt River Pima-Maricopa Indian Community
- # Eddie Lamperez, Scottsdale
- # Arlene Palisoc for Lisa Collins, Tempe
- Anne McCracken, Valley Metro
- # Diane Cordova for Lloyce Robinson, Youngtown

- \*Those not present
- # Participated via audioconference

MAG POPTAC Ad Hoc Subcommittee: On November 10, 2009, the MAG Population Technical Advisory Committee Ad Hoc Subcommittee unanimously recommended approval of the Maricopa County and Municipality July 1, 2009 Resident Population Updates provided that the Maricopa County control total is within one percent of the final control total.

Member/Proxy

- Wahid Alam, Mesa, Chairman
- Chris DePerro, Phoenix
- Jason Crampton for Sam Andrea, Chandler
- # Eddie Lamperez, Scottsdale

- Thomas Ritz, Glendale
- \* 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  
2005 CENSUS SURVEY and JULY 1, 2009**

Jurisdiction	Total Population			Percent Growth		Share	
	September 1, 2005 (Census Survey)	July 1, 2009	Change	Overall	Annual	Share of Growth	Share of County
Apache Junction *1 *2	275	276	1	0.3%	0.1%	0.0%	0.0%
Avondale	69,356	76,900	7,544	10.9%	2.7%	2.3%	1.9%
Buckeye	25,406	52,764	27,358	107.7%	21.0%	8.5%	1.3%
Carefree	3,684	3,958	274	7.4%	1.9%	0.1%	0.1%
Cave Creek	4,766	5,208	442	9.3%	2.3%	0.1%	0.1%
Chandler	230,845	245,087	14,242	6.2%	1.6%	4.4%	6.1%
El Mirage	32,061	33,610	1,549	4.8%	1.2%	0.5%	0.8%
Fort McDowell *1	824	824	0	0.0%	0.0%	0.0%	0.0%
Fountain Hills	24,492	26,107	1,615	6.6%	1.7%	0.5%	0.6%
Gila Bend	1,808	1,900	92	5.1%	1.3%	0.0%	0.0%
Gila River *1 *2	2,742	2,742	0	0.0%	0.0%	0.0%	0.1%
Gilbert	173,072	217,521	44,449	25.7%	6.1%	13.8%	5.4%
Glendale	242,369	249,197	6,828	2.8%	0.7%	2.1%	6.2%
Goodyear	46,213	61,916	15,703	34.0%	7.9%	4.9%	1.5%
Guadalupe	5,555	6,002	447	8.0%	2.0%	0.1%	0.1%
Litchfield Park	4,528	5,122	594	13.1%	3.3%	0.2%	0.1%
Mesa	448,096	461,102	13,006	2.9%	0.7%	4.0%	11.5%
Paradise Valley	13,863	14,686	823	5.9%	1.5%	0.3%	0.4%
Peoria *2	138,109	158,709	20,600	14.9%	3.7%	6.4%	3.9%
Phoenix	1,475,834	1,575,423	99,589	6.7%	1.7%	30.9%	39.2%
Queen Creek *2	15,916	24,926	9,010	56.6%	12.4%	2.8%	0.6%
Salt River *1	6,796	6,936	140	2.1%	0.5%	0.0%	0.2%
Scottsdale	234,752	243,501	8,749	3.7%	1.0%	2.7%	6.1%
Surprise	88,265	109,482	21,217	24.0%	5.8%	6.6%	2.7%
Tempe	165,796	174,833	9,037	5.5%	1.4%	2.8%	4.3%
Tolleson	6,498	6,923	425	6.5%	1.7%	0.1%	0.2%
Wickenburg	6,077	6,451	374	6.2%	1.6%	0.1%	0.2%
Youngtown	6,163	6,513	350	5.7%	1.5%	0.1%	0.2%
Balance of County	226,355	244,712	18,357	8.1%	2.1%	5.7%	6.1%
<b>Total</b>	<b>3,700,516</b>	<b>4,023,330</b>	<b>322,814</b>	<b>8.7%</b>	<b>2.2%</b>	<b>100.0%</b>	<b>100.0%</b>

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

\*1 Included in "Balance of County" in 2005 Census Survey.

\*2 Maricopa County portion only.

Sources: U.S. Bureau of the Census Year 2005 Census Survey, Arizona Department of Commerce, Maricopa Association of Governments

# **MARICOPA ASSOCIATION OF GOVERNMENTS**

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

**DATE:**

November 10, 2009

**SUBJECT:**

Census 2010 Local Update of Census Addresses Feedback Materials and Appeals Process

**SUMMARY:**

The Local Update of Census Addresses (LUCA) program is a critical part of Census 2010 activities because it uses local expertise to improve the accuracy and completeness of the address list used for mailing Census 2010 questionnaires. MAG member agencies completed the initial phase of the LUCA program in 2008.

The purpose of LUCA feedback is to provide local jurisdictions with detailed feedback materials that document which local address additions and updates the Census Bureau did or did not accept, along with the list of addresses that have been deleted from the original Master Address File during address canvassing. Member agencies that wish to dispute the Census Bureau's determinations must file their appeal within 30 calendar days of receiving their materials. It appears that all MAG member agencies have now received their materials.

On average, every person counted in Arizona equals about \$1,550 per year in federal and state funding, or about \$3,875 per household per year. A complete and accurate LUCA list can help prevent a revenue loss of nearly \$40,000 over ten years for every housing unit not counted in Census 2010. The MAG Population Technical Advisory Committee (POPTAC) members are aware of this issue and are working with the jurisdiction LUCA representative on the individual appeals for their jurisdiction. MAG staff will be available after the POPTAC meeting on November 10 to meet individually with member agencies to discuss their feedback.

**PUBLIC INPUT:**

None.

**PROS & CONS:**

PROS: The LUCA file is the address list used for mailing Census 2010 questionnaires.

CONS: None.

**TECHNICAL & POLICY IMPLICATIONS:**

TECHNICAL: Local address lists are maintained by member agency staff who are best able to review the information provided by the Census Bureau.

POLICY: On average, every person counted in Arizona equals about \$1,550 per year in federal and state funding, or about \$3,875 per household per year. A complete and accurate LUCA list can help prevent a revenue loss of nearly \$40,000 over ten years for every housing unit not counted in Census 2010.

**ACTION NEEDED:**

Information.

**CONTACT PERSON:**

Heidi Pahl Bickart or Rita Walton, MAG, (602) 254-6300.

# **MARICOPA ASSOCIATION OF GOVERNMENTS**

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

**DATE:**

November 10, 2009

**SUBJECT:**

Revision of Highway Projects to Be Funded with American Recovery and Reinvestment Act Funds

**SUMMARY:**

The American Recovery and Reinvestment Act (ARRA) of 2009 was signed by President Obama on February 17, 2009. The ARRA directs transportation infrastructure funds to both highways and transit agencies in states and metropolitan planning organizations. In February 2009, the MAG Regional Council prioritized Highway projects, including a backup list, to be programmed with ARRA funding and approved specific projects to be funded with ARRA transit funds.

A reprioritized project recommendation list was approved by Regional Council on September 30, 2009. The motion approved additional projects for ARRA funding based on ability to obligate. Given the recent bid awards savings, all projects on the September 30, 2009 Regional Council list which can meet the obligation deadline have been included in the project change sheet to be funded with ARRA. An additional project, the SR-143 traffic interchange, is recommended for prioritized ARRA funding. It was not included earlier due to readiness concerns which have since been resolved. It is recommended that the SR-143 project be added to the prioritized list for ARRA funding.

The recommended highway project list is attached and the project that is requested to be added is bolded and underlined. This item will be heard for the first time at the Management Committee meeting.

**PUBLIC INPUT:**

None.

**PROS & CONS:**

**PROS:** The transportation infrastructure portion of the American Recovery and Reinvestment Act (ARRA) of 2009 is time sensitive. Additionally, there is a federal deadline of all transportation ARRA funds to be obligated by March 2, 2010.

**CONS:** None.

**TECHNICAL & POLICY IMPLICATIONS:**

**TECHNICAL:** Projects that wish to utilize transportation federal funds, including the ARRA funds, need to be shown and programmed in the TIP in the year that they expect to commence and may need to undergo an air quality conformity analysis or consultation. This programming process is discussed through the MAG committee process.

**POLICY:** Federal law requires that the financial plan be developed by the Metropolitan Planning Organization (MPO) in cooperation with the state and transit operator. The state and transit operator

must provide the MPO with estimates of available federal and state funds. Also, projects for federal discretionary funds need to be cooperatively developed between MAG and ADOT.

**ACTION NEEDED:**

Information, discussion, and possible action to recommend adding the SR-143 project to the American Recovery and Reinvestment Act Highway project list to be funded based on the ability to obligate.

**PRIOR COMMITTEE ACTIONS:**

None.

**CONTACT PERSON:**

Eileen O. Yazzie, (602) 254-6300.

# **MARICOPA ASSOCIATION OF GOVERNMENTS**

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

**DATE:**

November 10, 2009

**SUBJECT:**

MAG Commuter Rail Studies Update

**SUMMARY:**

The MAG Commuter Rail Strategic Planning Study of 2008 defined requirements and steps needed to plan for and implement commuter rail service in the MAG region. Findings from the Commuter Rail Strategic Plan indicated the need for three additional planning studies: System Study, Grand Avenue Corridor Study and Yuma West Corridor Study. An overview of the studies is summarized below.

The System Study is exploring potential corridors and options identified in the Commuter Rail Strategic Plan and reviewing existing freight operations and commuter rail opportunities in existing right of way. The System Study will establish priorities for implementing commuter rail service and is evaluating ridership potential, operating strategies, and capital and operating costs.

The Grand Avenue Corridor Study is evaluating the potential to implement commuter rail service within the existing Burlington Northern Santa Fe (BNSF) right of way between the Town of Wickenburg and downtown Phoenix. The corridor development plan is reviewing existing and future conditions and conducting an inventory of the existing rail infrastructure as well as necessary infrastructure improvements to implement commuter rail service. A conceptual commuter rail operating plan is being developed as a part of the study.

The Yuma West Corridor Plan is evaluating the potential to implement commuter rail service within the existing Union Pacific Railroad right of way between downtown Phoenix and the community of Arlington. The planning process includes a review of existing and future conditions, an inventory of the existing rail infrastructure, necessary infrastructure improvements to implement commuter rail service, and a conceptual commuter rail operating plan.

On October 29, 2009, MAG staff provided an overview of the Commuter Rail Studies to the Transportation Review Committee (TRC).

**PUBLIC INPUT:**

The general public has been included in the commuter rail study process since March 2009. A series of four 'Stakeholders' meetings provides the public a forum to participate in the commuter rail studies. There was no public comment at the October 29, 2009 Transportation Review Committee meeting.

**PROS & CONS:**

**PROS:** Information provided will allow an informed decision when, and if, the Commuter Rail Studies are presented for action at a later date.

**CONS:** None.

**TECHNICAL & POLICY IMPLICATIONS:**

TECHNICAL: The information provided by the studies will detail train technologies, coordination with freight railroads, corridor analysis and capital improvements necessary to accommodate commuter rail.

POLICY: The studies will recommend funding strategies, corridor prioritization and operating scenarios to assist in determining the need for MAG region commuter rail service.

**ACTION NEEDED:**

Information and discussion.

**PRIOR COMMITTEE ACTIONS:**

The Transportation Review Committee was apprized of the MAG Commuter Rail Studies Update at the October 29, 2009 meeting. The item was on the agenda for information and discussion.

MEMBERS ATTENDING

- Peoria: David Moody
- ADOT: Steve Hull for Floyd Roehrich
- # Avondale: David Fitzhugh
- Buckeye: Scott Lowe
- Chandler: Dan Cook for Patrice Kraus
- El Mirage: Pat Dennis for Lance Calvert
- Fountain Hills: Randy Harrel
- \* Gila Bend: Rick Buss
- Gila River: Sreedevi Samudrala for Doug Torres
- Gilbert: Michelle Gramley for Tami Ryall
- Glendale: Bob Darr for Terry Johnson
- Goodyear: Cato Esquivel
- Guadalupe: Gino Turrubiarres

- \* Litchfield Park: Woody Scoutten for Mike Cartsonis
- Maricopa County: John Hauskins
- Mesa: Brent Stoddard for Scott Butler
- Paradise Valley: Bill Mead
- Phoenix: Ed Zuercher
- Queen Creek: Wendy Kaserman
- RPTA: Bryan Jungwirth
- Scottsdale: Dave Meinhart
- Surprise: Bob Maki
- Tempe: Jyme Sue McLaren for Chris Salomone
- Valley Metro Rail: John Farry
- Wickenburg: Rick Austin
- Youngtown: Grant Anderson for Lloyce Robinson

EX-OFFICIO MEMBERS ATTENDING

- \* Street Committee: Darryl Crossman
- \* ITS Committee: John Abraham

- Bicycle/Pedestrian Committee: Peggy Rubach
- \* Transportation Safety Committee: Kerry Wilcoxon

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

**CONTACT PERSON:**

Marc Pearsall, Transportation Planner III-Rail, 602-254-6300, mpearsall@mag.maricopa.gov



November 10, 2009

TO: Members of the MAG Management Committee

FROM: Cathy Arthur, Air Quality Policy Manager

SUBJECT: 2009 INVENTORY OF UNPAVED ROADS

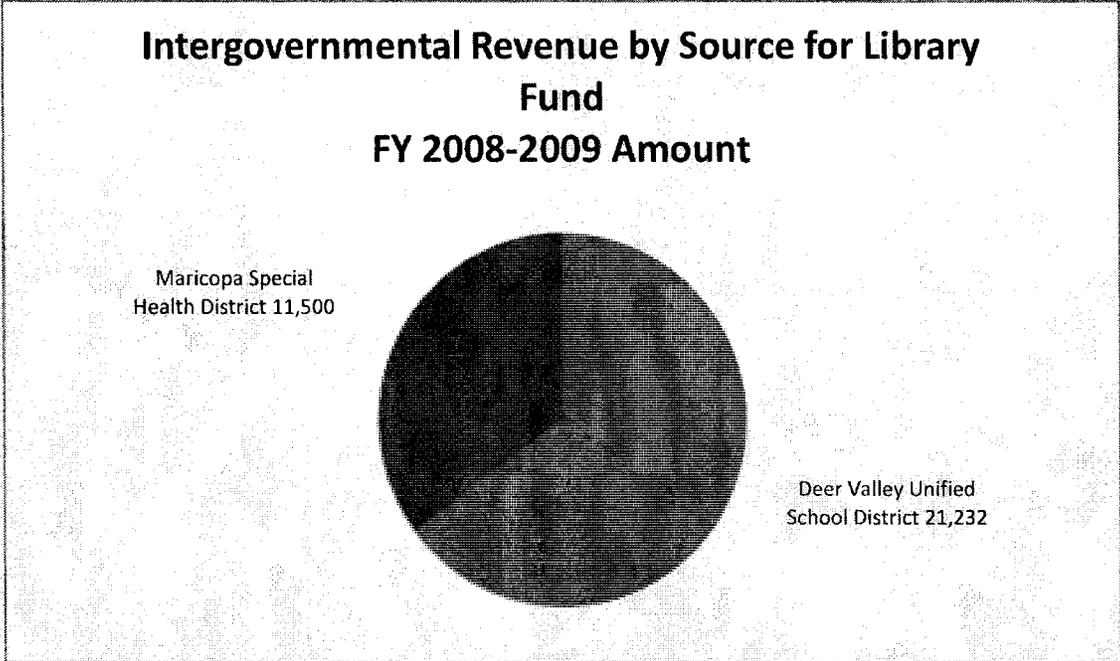
On May 23, 2007, the MAG Regional Council approved thirteen additional measures for the Suggested List of Measures to Reduce PM-10 Particulate Matter. One of these measures requires MAG to conduct an annual inventory of unpaved roads and estimated traffic counts by jurisdiction to measure progress in eliminating unpaved roads. In response to this measure, MAG has prepared a 2009 inventory of unpaved roads in the PM-10 nonattainment area. Tables and maps summarizing the inventory were sent to members of the MAG Management Committee in early November 2009. Collectively, there are 1,884 miles of unpaved roads in the PM-10 nonattainment area. Public unpaved roads comprise one-third (613 miles) of the total; the remaining two-thirds (1,271 miles) are private unpaved roads.

To develop the unpaved road inventory, MAG prepared detailed maps using Geographic Information Systems (GIS), aerial photography, unpaved road data supplied by member agencies, and traffic counts provided by MAG, the Maricopa County Department of Transportation, and other member agencies. Preliminary maps of existing unpaved roads were sent to each jurisdiction for review and comment. For some jurisdictions, the review process involved multiple iterations. Based on the comments received, MAG updated the unpaved road maps and estimated the miles of unpaved roads. A table summarizing the unpaved road mileage by jurisdiction was sent to all members of the MAG Management Committee on September 22, 2009. Members were also sent maps of the unpaved roads in their jurisdiction, where appropriate.

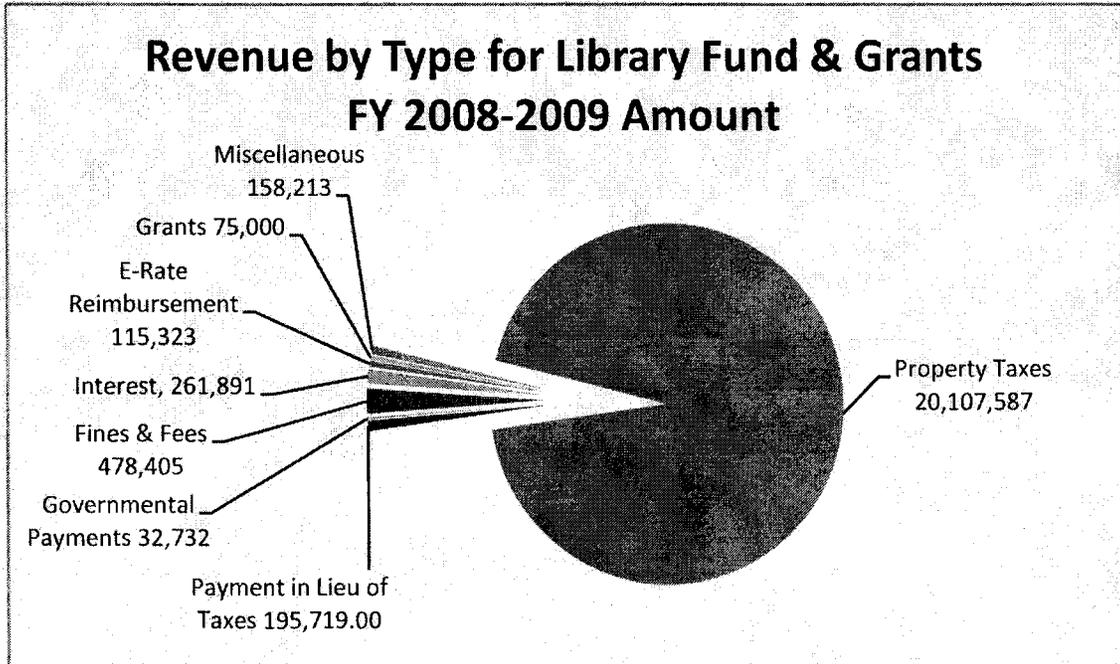
In October 2009, MAG received updated information on unpaved roads from the City of Phoenix, City of Scottsdale, and Town of Youngtown. Based on this information, MAG updated the 2009 inventory and mailed the revised summary tables and regional maps of public and private unpaved roads to members of the MAG Management Committee in early November 2009. The unpaved road inventory will be updated annually based on paving projects in the Congestion Mitigation and Air Quality Improvement (CMAQ) annual report, as well as other information provided by MAG member agencies. Member agencies are encouraged to use CMAQ and local funds to pave the public unpaved roads with the highest traffic volumes in their jurisdiction. It is important to note that the air quality benefits of paving existing dirt roads are being offset by the creation of new dirt roads in the PM-10 nonattainment area. To demonstrate progress in eliminating unpaved roads, it is important for the state to enact legislation that prohibits new dirt roads, including those associated with lot splits.

If you have any questions, please contact me at (602) 254-6300.

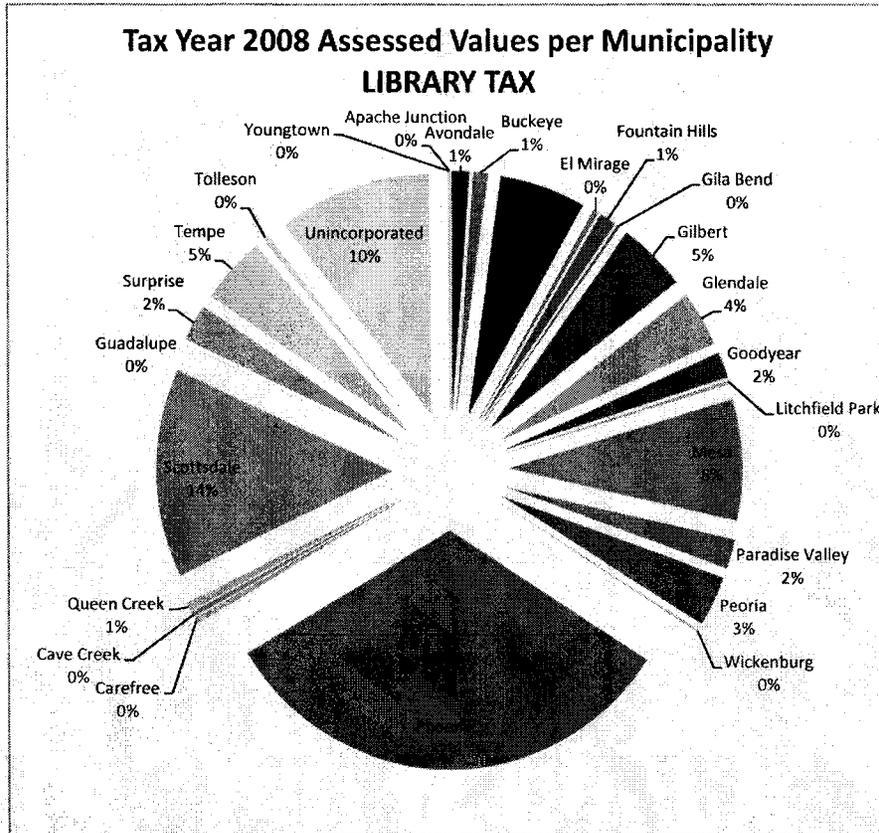
ATTACHMENT ONE



Actual Revenues as of 9/29/2009

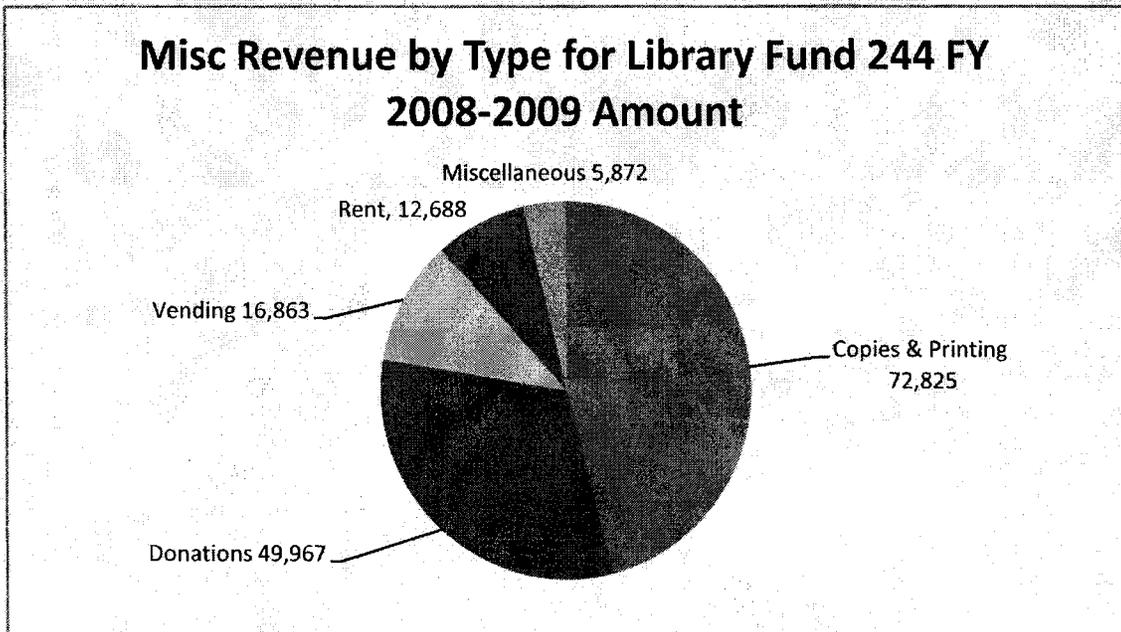


Actual Revenues as of 9/29/2009



Source: 2009 February State Abstract

[www.maricopa.gov/Assessor/ReportsLibrary.aspx](http://www.maricopa.gov/Assessor/ReportsLibrary.aspx)

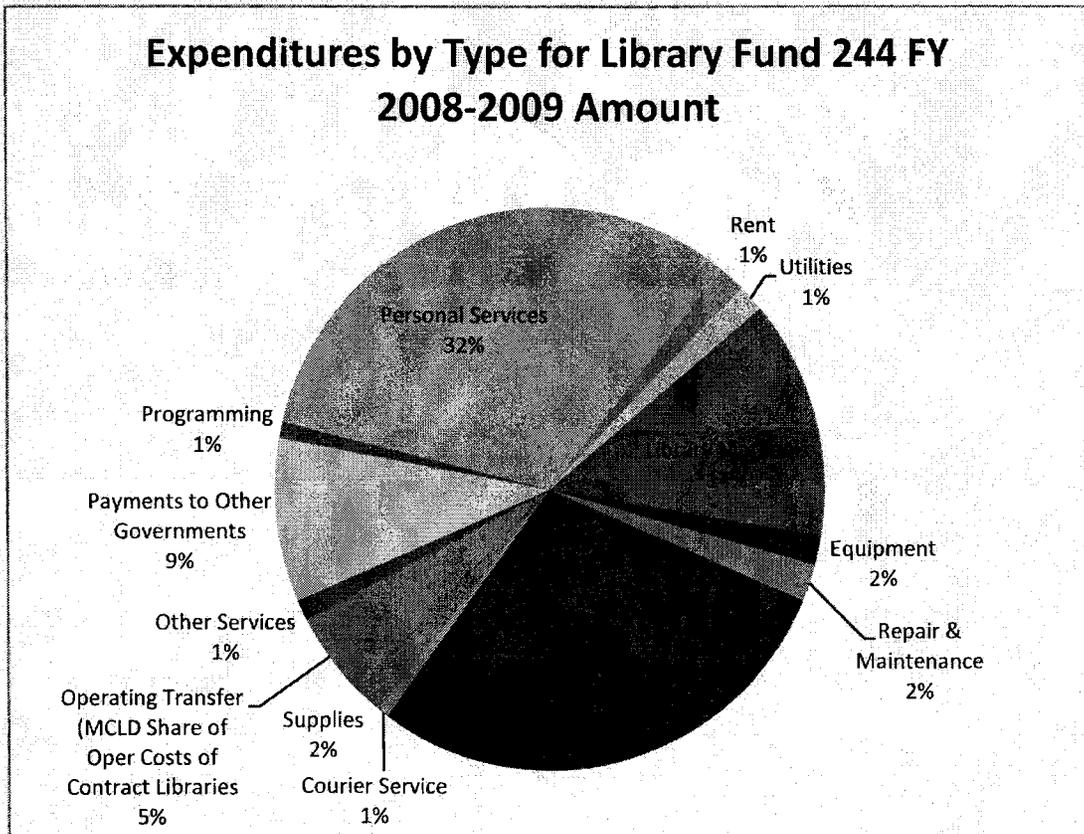




Expenditures by Type for Library Fund 244  
FY 2008-2009

Expenditures	Amount
Library Materials	3,565,815.45
Equipment	434,436.19
Repair & Maintenance	547,974.19
Non-Operating Transfer	7,408,315.00
Courier Service	145,072.02
Supplies	435,444.94
Operating Transfer (MCLD Share of Oper Costs o	1,286,775.21
Other Services	305,706.79
Payments to Other Governments	2,431,233.88
Programming	240,363.90
Personal Services	8,286,743.32
Rent	380,139.67
Utilities	402,972.47
	<u>25,870,993.03</u>

Actuals as of 9/29/2009

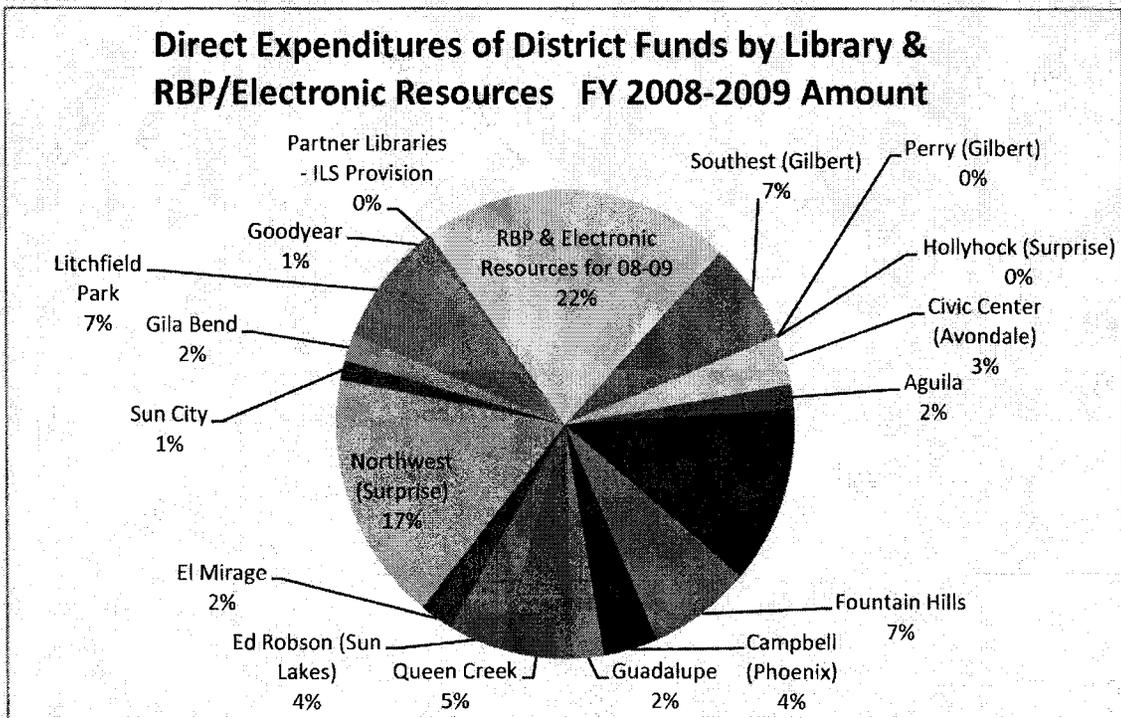


Actuals as of 9/29/2009

Expenditures of District Funds by Location  
FY 2008-2009

Expenditures	Amount
Aguila	218,888.20
North Valley (Anthem)	1,521,421.01
Fountain Hills	906,129.80
Campbell (Phoenix)	473,634.32
Guadalupe	272,917.80
Queen Creek	628,104.23
Ed Robson (Sun Lakes)	473,491.77
El Mirage	288,950.47
Northwest (Surprise)	2,148,618.07
Sun City	170,227.08
Gila Bend	228,882.31
Litchfield Park	862,856.29
Goodyear	177,114.21
Partner Libraries - ILS Provision	48,383.55
RBP & Electronic Resources for 08-09	2,708,941.76
Southeast (Gilbert)	871,174.67
Perry (Gilbert)	0.00
Hollyhock (Surprise)	0.00
Civic Center (Avondale)	415,600.54

Actuals as of 9/29/2009



Actuals as of 9/29/2009

## Maricopa County Library District Legal Highlights

### County Attorney's Opinion (Christina Sargeant, December 19, 1990)

- Residents of member cities are entitled to free use of District libraries. District funds may be expended only for District purposes; the Board of Directors has authority to approve only those expenditures of funds over which the District maintains strict control. Pass through to other entities would be improper.
- The District cannot transfer or lease its property to another jurisdiction to provide library services for which the District has responsibility. The District's board has the responsibility to manage the District's operation and oversee its function. This responsibility is not delegable to some other legal entity.
- When a city joins the District it does not automatically relinquish control of its municipal library nor does it become entitled to District money for that library.
- The District's Board determines the locations of its branches; therefore a city wishing to convert its municipal library to a branch could do so only if the Board of Directors agrees.
- When a city joins the district, it obtains for its residents the benefits of the District. Those benefits include use of District facilities and can include programs, such as reciprocal borrowing, which flow to individuals within the system.

### County Attorney's Opinion (Christina Sargeant, July 9, 1991)

- Pass through of funds to other entities such as municipal libraries (those not offered and accepted as branches) would be absolutely improper as a giveaway of district tax dollars.
- District revenues can be spent by the Board only for District library purposes and the District library consists of the facility at the County seat plus such branches as have been established.

### Attorney General's Opinion (April 24, 1992)

- We are unable to find any legal grounds to abandon or amend the Attorney General Opinion and its addendum. Sargeant's advice in the December, 1990 memo correctly interprets the statutes.
- It is apparent that Ms. Sargeant is capable of providing the advice sought.

## Maricopa County Library District Legal Highlights

### Legislation

- House Bill 2372 providing for the establishment and maintenance of a county free library district became effective of August 13, 1986.

### Establishment

- The Maricopa Board of Supervisors established the Maricopa County Free Library District on September 15, 1986.

### Lawsuit

- The constitutionality of HB 2372 was challenged via a lawsuit filed by the mayors of Glendale, Mesa, Phoenix, Scottsdale and Tempe and the Arizona League of Cities and Towns in August, 1986.
- The constitutionality of the legislation was upheld in Maricopa County Superior Court and supported by both the Arizona Court of Appeals and the Arizona Supreme Court.

### Attorney General's Opinion (June 26, 1990)

- The inhabitants of a city or town which have joined the library district are entitled to the benefits of the county free library.
- A county board may enter only three types of contracts regarding library services: 1) instead of establishing a separate county free library, a Board of Supervisors may contract with the authority in charge of the free public library of an incorporated city or town for that library to assume the functions of a county free library, 2) a county board that has not established a library district may contract with another county board to provide library service to its residents, or 3) a county that has established a free library district may contract to serve another county's residents.

### Attorney General's Opinion (August 22, 1990)

- The benefits of a free county library district are available only to residents of cities and towns which elect to join the district pursuant to A.R.S. 48-3901 and 11-903(A).
- The statutory expression means that cities or towns may not use any other methods to obtain services.

# MARICOPA COUNTY LIBRARY DISTRICT

## HOW WE BEGAN

In 1986, the Arizona legislature passed House Bill 2372 which provided that counties could establish "county free library districts." The law was approved by the Governor on May 13, 1986 and filed with the Office of the Secretary of State on May 13, 1986.

The Maricopa County Board of Supervisors, after required advertising, established the Maricopa County Library District on September 15, 1986. The Board authorized two independent needs assessment studies and appropriated funds to cover costs.

In 1987 the Maricopa County Library Council issues a revised document called, "A Maricopa County Library Plan."

During this time in 1987, a group of individuals representing the City of Glendale, City of Mesa, City of Phoenix, City of Scottsdale, City of Tempe, and the League of Arizona Cities and Towns took various legal actions questioning the constitutionality of the law allowing the creation of County based Library Districts (House Bill 2372). First they filed with Superior Court, then they filed for Special Action to the Court of Appeals and lastly with the Supreme Court for the State of Arizona.

In September 1989, the Library District Board of Library Directors approved and adopted the guidelines for structure and function of the Library District Citizens Advisory Committee.

In all these various court actions, the courts consistently held that the law was constitutional. In the final decision of the Supreme Court of Arizona filed February 20, 1987, the Court said:

"The plaintiffs' arguments and authorities presented to this Court do not overcome the presumption of constitutionality beyond a reasonable doubt."

The courts consistently held that the law was constitutional. In the final decision of the Supreme Court of Arizona filed February 20, 1987, the Court said:

"The Maricopa County Board of Supervisors, after required advertising, established the Maricopa County Library District on September 15, 1986. The Board authorized two independent needs assessment studies and appropriated funds to cover costs."

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In a letter dated August 22, 1990, the Arizona Attorney General, in responding to a request from the Maricopa County Attorney, stated:

“In summary, we affirm that County taxes levied for free county library purposes may not be expended for library services of public libraries that are not part of the district or acting as the county free library where no district has been established.”

In December 19, 1990, the Maricopa County Attorney outlined in some detail what the district funds can and cannot be used for.

“Residents of member cities are entitled to free use of District libraries. District funds may be expended only for District purposes; the Board of Directors has authority to approve only those expenditures of funds over which the District maintains strict control. Pass through to other entities would be improper.”

In a Maricopa County Attorney’s opinion dated July 9, 1991, it is again stated that

“Pass through of funds to other entities such as municipal libraries (those not offered and accepted as branches) would be absolutely improper as a giveaway of district tax dollars”.

In 1991 the District began a program referred to as “Reciprocal Borrowing Program” whereby a city or town choosing to participate in the program will be reimbursed by the District for the net issued borrowers cards to non-city or town residents. This is a purchase of service program that allows any resident of the County to use any other public library in the County that participates. This program meets the legal requirements as stated in the previously indicated attorney opinions.

An Arizona Attorney General’s opinion dated April 24, 1992, stated:

“We are unable to find any legal grounds to abandon or amend the Attorney General opinion and its addendum.”

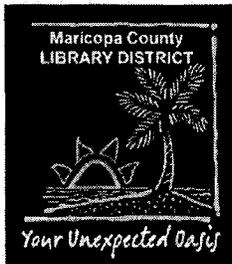
In August of 1997, the Maricopa County Board of Supervisors and the Maricopa County Library District Board of Library Directors both approved an Intergovernmental Agreement that allows the District to purchase support services from the County.

In 2006, the District began to purchase electronic databases and make them available free to all participating public libraries in the county. In 2008, the program was reduced but still continued as a result of low usage that did not warrant the expenditure of funds and as a result of reductions in the District revenue.

In 2008 the District invited affiliate partners in the District to be part of the District's Summer Reading Program. The district covered all costs with some funds from its budget and from several large grants from several sources.

**Draft Proposal of Changes to the Reciprocal Borrowing Agreement  
Developed by the MAG Library District Stakeholders Group  
September 29, 2009**

- The Maricopa County Library District (MCLD) will annually return 50 percent of tax revenue received through assessment on incorporated cities back to the cities through a reciprocal borrower reimbursement program.
- The Maricopa Association of Governments (MAG) Library Stakeholders group may modify the terms of the reciprocal borrower reimbursement program or develop other equitable methods for distribution of the funds, by mutual agreement of the Stakeholder's Group and the MCLD.
- In order to minimize disruption to the MCLD, the Stakeholder's Group recommends that the 50 percent reimbursement rate be phased in over a multi-year period not to exceed ten years, beginning in Fiscal Year 2010-2011, on a schedule which is mutually acceptable to both the Stakeholders Group and the MCLD.



**MARICOPA COUNTY LIBRARY DISTRICT**  
Administrative Office  
2700 N. Central Avenue, Suite 700, Phoenix, AZ 85004  
602.652.3031  
www.mclidaz.org

November 2, 2009

Mr. Nathan Pryor, Senior Policy Planner  
Maricopa Association of Governments  
302 N. 1<sup>st</sup> Avenue, Suite 300  
Phoenix, AZ 85003

Dear Nathan:

The Maricopa County Library District has, in consultation with others in County government, reviewed the proposal of the MAG Library District Stakeholders Sub-Group, dated October 5, 2009.

The proposal as we received it is:

"The Maricopa County Library District (MCLD) will annually return 50% of tax revenue received through assessment of incorporated cities back to the cities through a reciprocal borrower reimbursement program. The Maricopa Association of Governments (MAG) Library stakeholders group may modify the terms of the reciprocal borrower reimbursement program or develop other equitable methods for distribution of the funds, by mutual agreement of the Stakeholder's Group and the MCLD. In order to minimize disruption to the MCLD, the Stakeholder's Group recommends that the 50% reimbursement rate be phased in over a multi-year period not to exceed ten years, beginning in Fiscal Year 2010-2011, on a schedule which is mutually acceptable to both the Stakeholder's Group and the MCLD."

The current statutory structure for the Library District would disallow District property tax funds to be utilized to pay directly for funding of independent libraries within Maricopa County.

The Reciprocal Borrowing Program is a purchase of service agreement and the costs of the service being provided must be reflected in the reimbursement rate.

The District currently provides a number of services to the independent public libraries including:

1. Reciprocal Borrowing Program
2. Purchase of electronic resources
3. Delivery service

MAG  
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4. Conversion of any public library in the county to Polaris (ILS), housed on the District servers at the District Administrative Offices, with all one time and continuing costs paid for by the District.
5. And, the District has recently offered to cover all costs (except staff) of Summer Reading Program next summer.

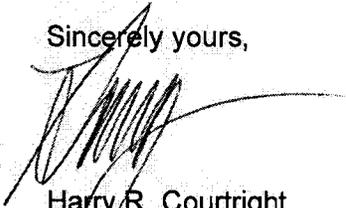
However, in light of the projected reduction in revenue from the District tax over the next three to four years, it is unclear if the District will be able to continue to provide the services we currently offer.

The District expects to lose over \$8 million dollars in revenue, which is about 40% of its tax revenue.

The District's primary responsibility is to provide service to the unserved or underserved population in the County. It will also partner with cities and towns to operate their public libraries. The District also serves any resident in the County by offering District borrower cards. As of 2009, the District has over 61,813 registered borrowers from the cities and towns served by the 13 independent public libraries. These figures are not included or taken into consideration in the development of the Reciprocal Borrowing Program but, it is important to note, the District does directly serve many folks from these towns and cities.

If you have questions please do not hesitate to call or let me know.

Sincerely yours,



Harry R. Courtright  
Director

HRC/cw