

September 27, 2011

TO: Members of the MAG Transportation Safety Committee

FROM: Julian Dresang, City of Tempe, Chair

SUBJECT: MEETING NOTIFICATION AND TRANSMITTAL OF TENTATIVE AGENDA

Tuesday, October 4, 2011 10:00 a.m.
MAG Office Building, 2nd Floor, Ironwood Room
302 North First Avenue, Phoenix

The next meeting of the MAG Transportation Safety Committee will be held at the time and place noted above. Committee members or their proxies may attend **in person, via videoconference or by telephone conference call**. Those attending video conference must notify the MAG site three business days prior to the meeting. Those attending by telephone conference call please contact MAG offices for conference call instructions.

Please park in the garage under the MAG 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.

In 1996, the Regional Council approved a simple majority quorum for all MAG advisory committees. If the Transportation Safety Committee does not meet the quorum requirement, members who have arrived at the meeting will be instructed a legal meeting cannot occur and subsequently be dismissed. Your attendance at the meeting is strongly encouraged.

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

If you have any questions regarding the meeting, please contact Sarath Joshua at (602) 254-6300.

TENTATIVE AGENDA

COMMITTEE ACTION REQUESTED

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| <ol style="list-style-type: none">1. <u>Call To Order</u>2. <u>Approval of July 26, 2011 Meeting Minutes</u> | <ol style="list-style-type: none">2. Review and approve minutes of the meeting held on July 26, 2011. |
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A Voluntary Association of Local Governments in Maricopa County

3. Call to Audience

An opportunity will be provided to members of the public to address the Transportation Safety Committee on items not scheduled on the agenda that fall under the jurisdiction of MAG, or on items on the agenda for discussion but not for action. Members of the public 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 members request an exception to this limit. Please note that those wishing to comment on action agenda items will be given an opportunity at the time the item is heard.

4. Program Managers Report

The following items will be addressed:

- Road Safety Assessments
- ALISS Crash Data
- Update of the 2005 MAG Strategic Transportation Safety Plan

5. Study on the Effectiveness of Non-Engineering Road Safety Countermeasures

A MAG study has been initiated to research and document the effectiveness of non-engineering road safety countermeasures. The goal of this study is to gain a better understanding of the very significant role and effectiveness of non-engineering road safety countermeasures. The results from the Tasks 4 and 5 of this study have been compiled in a Draft Technical Memorandum 2. This draft memorandum was distributed to the committee via email. The results in the memorandum will be presented to the committee by the contractor.

3. For information.

4. For information and discussion.

5. For information and discussion.

6. Review of FY 2012-2014 Road Safety Improvement Project Applications

On August 31, 2011, MAG issued a call for road safety improvement projects to be programmed in fiscal years 2012, 2013 and 2014. A total of \$1 million in federal Highway Safety Improvement Program (HSIP) funds, sub-allocated by Arizona DOT, is available for projects in each fiscal year. An Excel-based project application form that was provided by Arizona DOT was made available to member agencies. A total of 23 projects applications have been received at MAG, seeking a total of \$3.36 million. The list of projects seeking funds in each of the fiscal years is shown in Attachment One. The committee will review all of the applications and generate a recommended list of projects to be programmed by MAG.

7. Reports by Committee Members on Transportation Safety Activities

Members will be requested to report agency activities or current issues that are related to transportation safety.

8. Request for Future Agenda Items

Members will be provided the opportunity to suggest future agenda topics.

9. Next Meeting

The next meeting is scheduled to be held on Tuesday, November 22, 2011 at 10:00 a.m in the MAG Ironwood Room.

Adjournment

6. For information and discussion and possible action to recommend a list of road safety improvement projects, in each of the fiscal years 2012, 2013 and 2014, to be programmed with federal HSIP funds.

7. For information and discussion.

8. For information and discussion.

9. For information and discussion.

DRAFT MINUTES OF MARICOPA ASSOCIATION OF GOVERNMENTS
TRANSPORTATION SAFETY COMMITTEE

July 26, 2011
20th Floor West Conference Room
City of Phoenix Office
200 West Washington Street, Phoenix

MEMBERS ATTENDING

Mark Gotsch for Linda Gorman, AAA Arizona Tom Burch, AARP +Kohinoor Kar, ADOT Shane Kiesow, City of Apache Junction Margaret Boone-Pixley, City of Avondale +Thomas Chlebanowski, Town of Buckeye * Martin Johnson, City of Chandler Jorge Gastelum, City of El Mirage Kelly LaRosa, FHWA Kurt Sharp, Town of Gilbert	Chris Lemka, City of Glendale Hugh Bigalk, City of Goodyear Chris Plumb, Maricopa County Renate Ehm, City of Mesa * William Mead, Paradise Valley Jamal Rahimi, City of Peoria Kerry Wilcoxon, City of Phoenix George Williams for Paul Porell, City of Scottsdale + Tracy Eberlein, City of Surprise Julian Dresang, City of Tempe (Chair) Gardner Tabon, RPTA
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OTHERS PRESENT

+Sanja Grujakovic, City of Mesa Ken Maruyama, Town of Gilbert Beth Wemple, Cambridge Systematics Susan Herbel, Cambridge Systematics Richard Weeks, AECOM	Natalie Carrick, Baker Sarath Joshua, MAG Kiran Guntupalli, MAG Leo Luo, MAG
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+Teleconference
Videoconference
*Not present

1. Call to Order
Chairman Julian Dresang called the meeting to order at 10:00 a.m.
2. Approval of May 24, 2011 Meeting Minutes
Shane Kiesow from Apache Junction moved to approve the minutes, Kerry Wilcoxon from Phoenix seconded and it was unanimously carried to approve the minutes of the meeting held on May 24, 2011.
3. Call to Audience
Chairman Julian Dresang made a call to the audience providing an opportunity to members of the public to address the Transportation Safety Committee. No public comments were received.

4. Program Manager's Report

The following items were highlighted by Sarath Joshua in his report:

- ***MAG School Crossing Guard Training Workshop:***
 - Three workshops will be held in July/August, 2011
 - July 28, 2011 – Sunnyslope High School, Phoenix
 - August 2, 2011 – Mesa Education Center, Mesa
 - August 4, 2011 – Rio-Vista Recreation Center, Peoria
- ***ADOT Cycle 5 SRTS Applications:***
 - \$4 million available for FY 2012
 - ADOT is planning to call for projects in September, 2011
- ***Statewide HSIP Funds Update***
 - MAG recommended nine projects for statewide HSIP in FY 2011-2013 for \$25.9m
 - Two smaller projects on the list were not funded
 - ADOT has programmed seven projects plus two new safety projects from the MAG region for a total of \$42.8m
- ***FY 2010 & FY 2011 MAG HSIP Projects***
 - These projects are now moving forward through the ADOT procurement process
- ***Road Safety Assessments Update***
 - 23 intersections recommended by the committee have been approved by MAG, and ADOT/FHWA
 - Nine on-call consultants have added Human Factors experts to their teams
 - Fee Proposals for RSAs will be requested shortly for nine (9) RSAs

5. MAG Call for FY2012-2014 HSIP Projects

In providing background information on HSIP funds, Sarath Joshua reported that each fiscal year ADOT allocates \$1 million in HSIP funds to MAG for programming system-wide safety improvements across the region. In addition, statewide-HSIP funds are programmed by ADOT for larger safety improvement projects. He stated that recommendations for both project categories are generated by MAG and are included in the Transportation Improvement Program upon approval by ADOT and FHWA. He stated that it was necessary to identify and recommend safety projects for fiscal years 2012 through 2014. A single project application/review process is planned for both funding sources. Irene Higgs from ADOT stated that she is working with FHWA in finalizing the application. Sarath Joshua asked Irene Higgs and the members of the committee that if putting an application together for larger safety improvement projects be separated from systematic improvement projects application process. Irene Higgs responded by stating the larger safety improvement projects could be submitted to ADOT at any time. Hence, it is good idea to separate the application process for the two categories. Irene Higgs also stated that the draft HSIP application will be emailed to the members of the committee by close of business July 26, 2011 and the application will be finalized by July 29, 2011. Sarath Joshua asked the members of the committee if three weeks would be sufficient to compile the application for Systematic Improvements. The members of the committee agreed that three weeks is ample time for submitting the system-wide safety improvement application. The members of the committee agreed to review and vote on list of projects at

the next meeting.

6. Study on the Effectiveness of Non-Engineering Road Safety Countermeasures

Chair Julian Dresang introduced the MAG study that has been initiated to research and document the effectiveness of non-engineering road safety countermeasures. The goal of this study is to gain a better understanding of the significant role and effectiveness of non-engineering road safety countermeasures. Julian Dresang introduced Beth Wemple from Cambridge Systematics to present the findings from this study. Beth Wemple reported that the results from the first three tasks of this study have been compiled in a Draft Technical Memorandum. This document includes a literature review, observed successes and metrics used to perform evaluations of safety initiatives in this area, both within and outside the United States (See Attachment Two). It is anticipated that the study findings could be used to promote non-engineering road safety countermeasures that are appropriate for the MAG region and utilize suitable metrics to evaluate their effectiveness. Tom Burch from AARP asked if the various studies done by AARP and AAA are part of the literature search. Beth Wemple responded by stating that it is impossible to review every study in the literature search but told the committee she will include all the sources of the literature search in the final document. Kohinoor Kar from ADOT commented that the study encompasses mostly Pedestrian and Bicycle issues and he feels intersection safety is the primary concern in the MAG Region and the study did not address concern to extent that is needed. He also expressed a concern about geographical relevance of different studies in the Tech Memo to MAG region. George Williams from Scottsdale and Chris Plumb from Maricopa County asked if any past studies have quantitative numbers to prove the benefit. Beth Wemple responded by stating that it is challenging to get a quantitative number to measure effectiveness of behavioral countermeasures. Sarath Joshua commented that the goal this study is to identify Non-Engineering Road Safety Countermeasure that could be implemented in this region and evaluate the benefit. He also stated that no funding source is identified yet to fund any implementation of recommendations.

7. Reports by the Committee Members on Transportation Safety Activities

Julian Dresang from Tempe reported that the City has ended photo enforcement program because of an on-going litigation with the photo-enforcement company. He also reported that the police will be doing targeted enforcement as ASU will be back in session in August. Chris Plumb from Maricopa County reported that they are in the process of getting agreements with all agencies to get access to each other's crash data. Kerry Wilcoxon from Phoenix reported that they received a grant from Governors Office of Highway Safety for a bicycle safety campaign. As part of this campaign Phoenix is planning doing two projects. First project is displaying graphic image of a crash as a consequence of not following the rules. The second project is to print a six episode comic book to educate students on rules of the road. Renate Ehm from city of Mesa reported that their traffic enforcement unit actively enforcing 3 ft. bicycle law. George Williams from Scottsdale reported that they are looking into multi-lane roundabouts.

8. Request for Future Agenda Items

No agenda item requests were received from committee members.

9. Next Meeting

The next meeting is scheduled to be held on Tuesday, September 27, 2011 at 10:00 a.m. in the MAG Cholla Room.

10. Adjournment

Chairman Julian Dresang adjourned the meeting at 11:50 a.m.

HSIP Applications (FY2012- FY2014) for MAG Allocation of HSIP Funding

	Project Name	Agency	Location	Funding Request	FY2012	FY2013	FY2014
1	Pedestrian Countdown Signal Heads	Mesa	Various Locations	\$79,448	\$26,483	\$26,483	\$26,483
2	Additional Signal Heads	Mesa	Various Locations	\$353,660	\$117,887	\$117,887	\$117,887
3	Pedestrian Countdown Signal Heads	Glendale	Various Locations	\$86,260	\$86,260		
4	Sign Inventory Management System and Sign Upgrades	Glendale	Various Locations	\$280,000		\$140,000	\$140,000
5	Street Name Sign Upgrade to Clearview font	Chandler	Various Locations	\$71,240	\$71,240		
6	Illuminated Street Name Sign Upgrade to Clearview font	Chandler	Various Locations	\$76,808	\$76,808		
7	Upgrade Bike Symbols	Chandler	Various Locations	\$181,110		\$90,555	\$90,555
8	Install Changeable Speed Warning Signs	Scottsdale	Various Locations	\$101,000	\$33,667	\$33,667	\$33,667
9	Pedestrian Countdown Signal Heads	Scottsdale	Various Locations	\$266,888	\$88,963	\$88,963	\$88,963
10	Sign Inventory Management System and Sign Upgrades	Cave Creek	Various Locations	\$95,100	\$31,700	\$31,700	\$31,700
11	Sign Inventory and Management System	Queen Creek	Citywide	\$166,000	\$166,000		
12	Pedestrian Countdown Signal Heads	Queen Creek	Various Locations	\$56,008		\$56,008	
13	Pedestrian Countdown Signal Heads	Peoria	Various Locations	\$253,600	\$84,533	\$84,533	\$84,533
14	8" to 12" LED Signal Head Upgrade	Gilbert	Various Locations	\$62,558	\$62,558		
15	Pedestrian Countdown Signal Heads	Gilbert	Various Locations	\$60,880		\$60,880	
16	Pedestrian Countdown Signal Heads	Gilbert	Various Locations	\$62,800			\$62,800
17	Sign Inventory Management System and Sign Upgrades	Litchfield Park	Various Locations	\$160,000	\$160,000		
18	Street Name Sign Upgrade to Clearview font	El Mirage	Various Locations	\$146,488	\$146,488		
19	Street Name Sign Upgrade to Clearview font	El Mirage	Various Locations	\$157,486		\$157,486	
20	Street Name Sign Upgrade to Clearview font	El Mirage	Various Locations	\$133,798			\$133,798
21	Pedestrian Countdown Signal Heads and Audible Push Buttons	Tempe	Various Locations	\$426,920	\$142,307	\$142,307	\$142,307
22	Emergency Pre-Emption Equipment	Avondale	Various Locations	\$50,900	\$50,900		
23	Pedestrian Countdown Signal Heads	Avondale	Various Locations	\$33,080	\$33,080		
	Total HSIP Funding Request			\$3,362,032	\$1,378,873	\$1,030,468	\$952,692