

March 18, 2013

TO: Members of the MAG Transportation Safety Committee  
FROM: Renate Ehm, City of Mesa, Vice Chair  
SUBJECT: MEETING NOTIFICATION AND TRANSMITTAL OF TENTATIVE AGENDA

Tuesday, March 26, 2013 10:00 a.m.  
MAG Office Building, 2<sup>nd</sup> Floor, Ironwood Room  
302 North First Avenue, Phoenix

A 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

1. Call To Order
2. Approval of January 8, 2013 Meeting Minutes

COMMITTEE ACTION REQUESTED

2. Review and approve minutes of the special meeting held on January 8, 2013.

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:

- NHI CMF/CRF Training
- 2013 Crossing Guard Training
- New Vice Chair - Chris Lemka
- Update on 2013 RSA's
- FY2013 HSIP projects
- FY2014-17 HSIP
- Presentations at conferences

5. MAG Strategic Transportation Plan - Consultant Selection

The MAG 2013 Work Program identified a project to develop a comprehensive Strategic Transportation Safety Plan (STSP). The previous STSP was developed in 2005. The resulting Plan will provide input to the next update of the Regional Transportation Plan (RTP) from a transportation safety perspective. It will identify regional priorities, strategies, resource needs and performance indicators. The Plan will help establish a unified approach for identifying and implementing solutions for key road safety issues that affect all agencies in the MAG region.

3. For information.

4. For information and discussion.

5. For information, discussion and possible action to recommend Lee Engineering LLC for developing the Strategic Transportation Safety Plan.

A request for proposals was announced on January 18, 2013 for selecting a qualified consultant to develop the STSP. A total of three qualifying proposals were received. A proposal evaluation panel consisting of committee members and MAG staff reviewed the proposals and interviewed two teams. The two teams were led by Kimley-Horn and Associates and Lee Engineering LLC. The evaluation panel recommends the team led by Lee Engineering for developing the STSP. The budget available for this project is \$300,000.

6. MAG Safety On-Call Consultant Selection

A total of 27 Statements of Qualifications (SOQ) were received in response to the MAG Request for Qualifications for developing a list of on-call consultants for both ITS and Safety Planning. Of these, twenty-two (22) firms sought to qualify in Transportation Safety. A selection panel consisting of members of the committee and MAG staff reviewed the SOQs and met on March 19, 2013, to generate a recommended list of consultants qualified to provide services in Transportation Safety Planning. Attachment One shows the ranked list of recommended consultants.

7. New Function Added to the MAG Road Safety Analysis Software RTSIMS

The Regional Transportation Safety Information Management System (RTSIMS) software is used extensively by MAG for performing numerous analyses using ALISS crash data, to generate information on road safety performance. This information is posted at the MAG website.

In 2009 the committee developed a methodology to perform network screening to identify intersections with high crash risk. This method first ranks all intersection crash locations using three (3) factors: Crash Frequency, Crash Severity and Crash Type. In a final step, the top 100 intersections identified by these three factors are re-ranked considering

6. For information and discussion and possible action to recommend the list of consultants as shown on Attachment One.

7. For information and discussion.

a fourth factor - Crash Rate. The resulting Top 100 location map is published by MAG and is also posted at the website. The execution of the three-factor ranking methodology, previously done manually by running multiple Access queries, has now been incorporated in the RTSIMS software.

The modified software will now allow MAG to perform network screening analyses for intersections very efficiently. This would also provide any local agency, that has RTSIMS installed, with the ability to run similar analysis using only crash data pertinent to that agency. The RTSIMS software and related training is available to all local agencies at no cost.

8. 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.

9. Request for Future Agenda Items

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

10. Next Meeting

The next meeting is scheduled to be held on Tuesday, May 28, 2013 at 10:00 a.m in the MAG Ironwood Room.

Adjournment

8. For information and discussion.

9. For information and discussion.

10. For information and discussion.

DRAFT MINUTES  
OF MARICOPA ASSOCIATION OF GOVERNMENTS  
TRANSPORTATION SAFETY COMMITTEE

January 8, 2013  
Maricopa Association of Governments  
Ironwood Room, Suite 200  
302 N. 1<sup>st</sup> Ave,  
Phoenix, AZ 85003

MEMBERS ATTENDING

Michael Duhamel for Linda Gorman,  
AAA Arizona  
\*Tom Burch, AARP  
Larry Talley for Kohinoor Kar, ADOT  
\*Shane Kiesow, City of Apache Junction  
Chris Hamilton, City of Avondale  
\* Thomas Chlebanowski,  
Town of Buckeye  
Martin Johnson, City of Chandler  
\*Jorge Gastelum, City of El Mirage  
+Kelly LaRosa, FHWA  
\*Mike Gillespie, Town of Gilbert

Chris Lemka, City of Glendale  
+ Hugh Bigalk, City of Goodyear  
Chris Plumb, Maricopa County  
Renate Ehm (Chair), City of Mesa  
\* Jeremy Knapp, Town of Paradise Valley  
Mannar Tamirisa for Jamal Rahimi,  
City of Peoria  
Kerry Wilcoxon, City of Phoenix  
George Williams for Paul Porell,  
City of Scottsdale  
Julian Dresang, City of Tempe  
Gardner Tabon, RPTA

OTHERS PRESENT

Maria Deeb, City of Mesa  
Andrew Kwasniak, Exponent  
Margaret Boone, MAG

Sarath Joshua, MAG  
Leo Luo, MAG  
Kiran Guntupalli, MAG

+Teleconference  
# Videoconference  
\*Not present

1. Call to Order

Chair Renate Ehm called the meeting to order at 10:05 a.m.

2. Approval of November 27 ,2012 Meeting Minutes

Chair Renate Ehm called for a motion to approve the previous meeting minutes. Kiran Guntupalli confirmed that Kelly LaRosa's comments were added to revised minutes regarding the information provided by FHWA on CMF training. Kerry Wilcoxon moved that the minutes be approved with the amendments sent by Kelly, Chris Lemka seconded. The motion passed unanimously.

3. Call to Audience

Chair Renate Ehm 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:

• **Status of RFP on Strategic Transportation Safety Plan**

- Response from ADOT on DBE goals received, RFP has been finalized and will be released January 18
- Will be contacting committee to form a review selection panel offline
- Review proposals, interviews, contract signed, work anticipated to begin in June
- Committee busy working with consultant on the plan; may need to meet more frequently once work on this program begins
- ADOT Strategic Highway Safety Plan – These two efforts to run parallel
- MAG work will incorporate State goals

Larry Talley stated that there may be a statewide workshop included and updating the HSIP manual as a response to issues raised at previous Safety Committee meetings.

• **FY 2013 safety projects in the MAG work program**

- July 1<sup>st</sup> Through June 30<sup>th</sup> – MAG currently working on draft program for the next fiscal year
- \$300k for RSA's PA's and DCR's
- Current list of on-call will expire June 30<sup>th</sup>
- New RSA's will be conducted with new on-call list

• **Staff Addition**

- Margaret Boone, former Chair, has joined MAG staff as ITS/Safety Engineer III

Sarath stated that letters from representatives of MAG member agencies interested in serving as Vice Chair need to be submitted to Mayor Marie Lopez-Rogers, Chair of the Management Committee. Once these letters are submitted, the Executive Committee will appoint a new Vice Chair hopefully in place by the next meeting.

5. MAG Road Safety Assessment (RSA)

Chair Renate Ehm referred to the summary of the ten RSA applications submitted by member agencies; noting that there is \$300,000 available and that the request totaled \$230,000. Sarath noted a correction that approval for the RSA's will be for what is also programmed in 2013 as well as that to be programmed for 2014, that only \$100,000 can be spent through the end of June 2013. Julian Dresang asked about a previous discussion regarding inclusion of DCR's. Sarath stated that including DCR's in this round was discussed and that the funding is eligible but that since this work includes environmental, other clearances, and some level of design which is not currently included in the MAG on-call consultant scopes it would not be feasible with the current on-call list. Sarath also stated that establishing guidelines for performing this type of work would be addressed with the new on-call consultant list. Maria Deeb asked if the MAG process allows for using ADOT on-call consultants that are qualified for DCRs. Sarath stated that MAG does not allow or have the ability to hire off of the ADOT on-call list. The question came

from Chris Lemka about the difference in cost of the Phoenix projects versus the rest of the projects. Kiran Guntupalli clarified that intersection RSAs are usually combined within a mile or less of each other or what makes sense to the agency. The consultant fees are thus reduced. Chris Plumb stated that based on similar projects administered in the County that the estimated costs seem reasonable. George Williams stated that the committee should look to combining other projects to realize a bulk of economy and try to keep costs down and voiced concern with allocating \$30k for an intersection that only has 8 collisions in over three years. Sarath reminded the committee that the list reflects projects submitted by member agencies as areas of concern and that the costs are conservative estimates shown for recommendation and used as a safety margin for programming. Chris Lemka proposed a motion that recommended the following priority order for performing RSAs:

1. Three intersections as one RSA project in Phoenix (listed as #1, #2 and #3 in the handout) - estimated cost of \$45,000
2. RSA as two intersections in Avondale (listed as #6 and #10) – estimated cost of \$35,000
3. RSA at one intersection in Peoria (listed as #9) – estimated cost of \$30,000
4. RSA at Phoenix intersection listed as #4 – estimated cost of \$30,000
5. RSA at Phoenix intersection listed as #5 – estimated cost of \$30,000
6. RSA at Avondale intersection listed as #7 – estimated cost of \$30,000
7. RSA at Avondale intersection listed as #8 – estimated cost of \$30,000

Total estimated cost \$230,000

Chris Lemka also noted that this would make it feasible to program projects for the initial \$100,000 for each of the requesting agencies before June 30, 2013 and then program the remaining by rank for the 2014 program to begin in July 2013. George Williams asked if the other Phoenix projects could be combined. Phoenix stated they would look at it and determine what makes sense and get back to MAG, that it also depends on what is manageable for the agency considering the information gathering required for the RSA sites can be a large effort. Renate clarified the motion by Chris Lemka that referred to the priorities for approving the list of all ten sites. The motion was seconded by Kerry Wilcoxon. The motion passed with a majority with one nay entered by George Williams.

6. Advancing FY 2014 HSIP projects to FY 2013

Chair Renate Ehm noted that the agenda item to be considered is the recommendation of advancement of eligible fiscal year 2014 HSIP projects to FY2013 to take advantage of the un-programmed \$551,000. Sarath briefed the committee that the project list provided shows those projects which could be moved up to FY2013. He pointed out based on project ineligibility as determined by FHWA of the Chandler project and the ineligibility of the El Mirage project to be advanced into 2013 increases the amount to \$645,000. George Williams stated that he believed Scottsdale just received approval from FHWA for speed feedback signs in the amount of \$75,200. Kelly LaRosa clarified that there have been verbal discussions on the Scottsdale program, but no formal approval. ADOT stated that if projects have eligibility letters and they get advanced to 2013 the letter needs to reflect the year and cost estimate to issue a new letter of eligibility and the IGA can be amended for the new amounts. Chris Lemka stated that he is willing to vote in

favor of recommending the list of projects to be advanced but voiced concern that he is not sure that he will be able to obligate the project with the timing of the amended IGA. Renate Ehm asked for a motion to approve the list of projects recommended for advancement from 2014 into 2013 with the amendment that includes the Scottsdale project in the amount of \$75,200 for a total of \$662,000 recognizing that we are attempting to program the un-allocated funds in the amount of \$645,000 with the noted budget flexibility with bids coming in historically lower than the estimate. Chris Plumb made a motion which was seconded by George Williams. The motion passed unanimously.

7. Reports by Committee Members on Transportation Safety Activities

Larry Talley from ADOT emphasized needing the revised letters to amend the eligibility letters, cover letter, and application (excel spreadsheet) for the HSIP projects to be sent to the ADOT project manager, copying Larry. Chris Lemka announced that the City of Glendale is currently administering a DCR for the 59th & Olive intersection (#2 on MAG list of high crash risk intersections) and that the city intends to apply for HSIP funding. The DCR study will be completed by the end of January. Chris Plumb noted that ADOT crash data is currently available for downloading through Sept 2012. Sarath Joshua provided information that under MAP-21 the federal government imposes penalties to the states if they don't perform in certain areas such as safety and that Arizona appears to have been hit with a few penalties. As a result, funds from STP etc. have been reassigned to safety (i.e. STP to HSIP). As a result of this change it is estimated that an additional \$2.8M/year on top of the current allocation of \$1.3M/year may be allocated towards MAG safety programs. MAG is seeking confirmation about this change and will keep the committee informed.

8. Request for Future Agenda Items

No future agenda items were received.

9. Next Meeting

Sarath Joshua stated that because of the scheduling of today's special meeting and the fact that there has been no request for agenda items at this time, that the committee consider cancellation of the January 22<sup>nd</sup> meeting. Chair Renate Ehm called for the motion to cancel the January 22, 2013 meeting. The motion was made by Kerry Wilcoxon and seconded by George Williams. The motion passed unanimously. The next meeting is scheduled to be held on Tuesday, March 26, 2013 at 10:00 a.m. in the MAG Ironwood Room.

Adjournment

Chair Renate Ehm adjourned the meeting at 11:28 a.m.

**2013 MAG On-Call Consultants for Transportation Safety Planning  
Ranked List Recommended by the Proposal Review Panel on March 19, 2013**

<b>FIRM</b>	<b>RANK</b>
Lee Engineering, LLC	1
Kimley-Horn Associates, Inc.	2
Michael Baker Jr., Inc	3
Jacobs Engineering, Inc.	4
Stanley Consulting	5
Atkins North America Inc.	6
EPS Group Inc.,	7
URS Inc.	8
CivTech	9
TransCore	10

**Review Panel**

**Kerry Wilcoxon, City of Phoenix  
Michael Gillespie, Town of Gilbert  
George Williams, City of Scottsdale  
Kiran Guntupalli, MAG  
Margaret Boone, MAG**