

March 21, 2013

TO: Members of the MAG Intelligent Transportation Systems Committee

FROM: Catherine Hollow, City of Tempe, Vice Chair

SUBJECT: MEETING NOTIFICATION AND TRANSMITTAL OF TENTATIVE AGENDA

Wednesday, March 27, 2013- **10:00 a.m.**
MAG Office Building, 2nd Floor, Ironwood Room
302 North First Avenue, Phoenix

The ITS Committee has been scheduled at the time and place noted above. Committee members or their proxies may attend **in person or by video conference or by telephone conference call**. 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 ITS 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

<u>TENTATIVE AGENDA</u>		<u>COMMITTEE ACTION REQUESTED</u>
1.	<u>Call to Order</u>	
2.	<u>Approval of the March 6, 2013 Meeting Minutes</u>	2. Review and approve minutes of the meeting held on March 6, 2013.

3. Call to Audience

An opportunity will be provided to members of the public to address the ITS 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 the ITS Committee requests an exception to this limit. Please note that those wishing to comment on action agenda items will be given an opportunity when the item is heard.

4. Program Managers Report

The following items will be discussed:

- TSOP Update

5. Action Plan for Improved Operations on I-10 and I-17

At the last meeting the committee assigned the task of developing a draft plan to the AZTech ICM Working Group. A draft plan has been developed and will be presented to the committee. The plan will be reviewed, if necessary modified, and finalized by the committee for a recommendation to MAG.

6. 2013-2016 MAG ITS On-Call Consultant Qualification

A total of twenty-seven (27) proposals were received in response to the MAG Request for Qualifications for ITS On-Call Consulting Services. An evaluation panel, consisting of committee members and MAG staff, reviewed the proposals and have recommended ranked lists of consultants for each of the seven (7) areas of technical expertise identified in the RFQ. Attachment One shows the panel recommendation.

3. For information and discussion.

4. For information and discussion.

5. For information and discussion.

6. For information, discussion and possible action to recommend the ranked list of consultants, as shown on Attachment One, for MAG ITS On-Call consulting services.

7. Reports by Committee Members

Members will be provided an opportunity to share information related to ongoing ITS activities in their jurisdictions.

8. Request for Future Agenda Items

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

9. Next Meeting Date and Place

The next committee meeting is scheduled to be held at 10:00 a.m. on Wednesday, May 1, 2013. It will be held in the Ironwood Room on the 2nd Floor of the MAG office building.

Adjournment

7. For information and discussion.

8. For information and discussion.

9. For information and discussion.

**DRAFT MINUTES OF THE
MARICOPA ASSOCIATION OF GOVERNMENTS
INTELLIGENT TRANSPORTATION SYSTEMS COMMITTEE**

March 6, 2013

MAG Ironwood Room, 2nd Floor
302 North First Avenue
Phoenix, Arizona

MEMBERS ATTENDING

Reza Karimvand, ADOT	**Hugh Bigalk for Luke Albert, City of Goodyear
+ Soyoung Ahn, ASU	Faisal Saleem for Nicolaas Swart, Maricopa County
Chris Hamilton, City of Avondale	Avery Rhodes, City of Mesa
**Daymara Cesar for Thomas Chlebanowski, Town of Buckeye	**Ron Amaya, City of Peoria
+ Mike Mah, City of Chandler	Marshall Riegel, City of Phoenix
Captain Burley Copeland, DPS	+ Bill Birdwell, Town of Queen Creek
John Aleman for Jorge Gastelum, City of El Mirage	Steve Ramsey for Bruce Dressel, City of Scottsdale
**Jennifer Brown, FHWA	Jason Mahkovtz, City of Surprise
Erik Guderian, Town of Gilbert	Catherine Hollow, City of Tempe
Trevor Ebersole fro Debbie Albert, City of Glendale	Ratna Korepella, RPTA

OTHERS PRESENT

Albert Garcia, Surprise	Paul Porell
Natalie Carrick, Michael Baker	Anita Shanker, Stantec
Arnab Gupta, PB Inc	Don Tappendorf, Tappendorf Consultants
Randy Pearson, ITS Engineers	Bo Gao, Stanley Inc
Lisa Burgess, KHA Inc	Dan Hartig, Ayres Inc
Keith Winney, UCG Inc	Deanna Haase, KHA
Sarah Simpson, UCG Inc.	Amara Ibeji, CK
Lisa Woodward, Telvent	Jeff Jenq, OZ
Chuck O'Connor, Rhythm Engineering	Don Wiltshire, YSMA LLC
Joey Paskey, Atkins	Art Brooks, Strand Associates
Doug McCants, Atkins	Ryan Gish, MAG
Sandra Thoms, Jacobs	Sarath Joshua, MAG
Margaret Boone, MAG	Kiran Guntupalli, MAG
Leo Luo, MAG	

+ Not present
** Teleconference

1. Call to Order

Vice Chair Catherine Hollow called the meeting to order at 10:02 a.m.

2. Approval of the February 6, 2013 Meeting Minutes
Erik Guderian moved, Marshall Riegel seconded and it was unanimously carried to approve the minutes of the meeting held on February 6, 2013.

3. Call to Audience
Vice Chair Catherine Hollow made a call to the audience providing an opportunity for any members of the public to address the ITS Committee. No comments were received.

4. Program Manager's Report
Sarath Joshua addressed the following items in his report:
 - ITS and Safety On-call and Special Meeting on March 27, 2013
The RFQ was advertised on January 31, 2013. The SOQ was due at noon on March 5th. The selection panel will review the proposals and make a recommendation of a list of qualified consultants. The ITS Committee will advance the April 3 meeting to March 27th to take action on the item. The recommendations will be reviewed at Management Committee on April 10 and Regional Council on April 15. This on-call contract will cover duration of three years.
 - TSOP Update
A total of ten projects worth of \$243,000 were approved by Regional Council in January. The task orders are under development. He emphasized that all after travel time runs have to be completed by May 16. Otherwise these runs would have to be canceled. A project to develop signal timing plans to respond to I-10 closure is under scoping stage similar to the Loop 101 effort.
 - FHWA Operations Data Workshop
Leo Luo provided a brief update on the workshop. He mentioned that one of the core questions of integrating the operations data is the purpose of using the data. A clearly defined purpose will drive the requirements on data quality, data format, etc. The resources needed to maintain data quality and technical and institutional challenges on integrating data from different sources are also discussed at the workshop. SAIC and Cambridge Systematic are the consultants working for FHWA. They are looking for partners to develop a pilot system of integrating the different sources of operations data to support particular applications.

5. Action Plan for Improving Operations on I-10 and I-17
Vice Chair Catherine Hollow mentioned that the ITS Committee assigned the AzTech ICM working group to produce an action plan for improving operations on I-10 and I-17. Sarath provided the background information on the central Phoenix framework study and mentioned that the study has asked the ITS committee to provide inputs on how to improve operations along I-10 and I-17 corridor. Funding could be made available to demonstrate the benefits of improved operations by FY 2015. The demonstration of value of ITS and operations will also lead to significant inputs into the next generations of RTP. Lisa Burgess was invited to provide a brief update on the action plan. She mentioned that the plan will focus mostly on the concept of operations, operations improvement and overall cost estimates. A draft plan will be provided to the Committee on March 27. Sarath added that once received the draft action plan, it is the ITS Committee's responsibility to revise and recommend the plan to MAG. The central Phoenix framework study may adopt part or the entire plan. Reza asked if the plan is adopted and funding is available, would the funding go through AzTech. Sarath mentioned that MAG funding mechanism is channeled through its member agencies, just as the FMS funding,

which MAG provide the funding for ADOT to implement the system. Sarath mentioned that the central Phoenix framework study will generate another sets of recommendations to the TPC within the next few months.

6. Emergency Vehicle Preemption (EVP) Study

Sarath mentioned that MAG has received inputs from some of the committee members regarding the EVP study scope of work. The revised scope of work was provided to the ITS Committee. The funding of the study will be available after July 1, 2013. Sarath mentioned the background information of the study initiated by a request from Darryl Crossman, the Litchfield Park City Manager. The committee is expected to provide further inputs by the end of March. Faisal Saleem asked if the new technologies such as connected vehicles will be considered. Sarath mentioned that new technologies are considered and requested Faisal to provide additional information of connected vehicles. Sarath also requested Faisal to provide information on safety of responders in the scope.

7. Reports by Committee Members

Faisal Saleem mentioned that the Bell Road ITS project is making progress. He mentioned that the Olive TSOP might not be completed on time due to the construction. Reza mentioned that the FMS design project from 83rd Avenue to Loop101 was advanced to FY 2014. The construction project will be advanced to FY 2015. ADOT started the debriefing with DPS for major incidents. He also mentioned that the alternative route plan works perfect since backup on freeway was less than 2 miles for complete closure. ADOT and DPS planned to stop truck fuel leakage in their response. Sarath suggest inviting local agencies for incident debriefing. Marshall Riegel mentioned the wireless and ITS communications project to connect I-10 west signalized intersections are under way and expected to be completed by end of April. Ratna Korepella mentioned that the DMS signs at stations along Link services are in operations and providing next bus arrival information. The information is the same as received in text messages. Faisal Saleem mentioned that Bob Steele is retiring and a traffic signal analyst position is open. Vice Chair Catherine Hollow mentioned that the Priest Drive TSOP is close to completion, pending on the implementations.

8. Request for Future Agenda Items

Reza Karimvand requested for a potential Agenda Item for Travel Time Reliability and Travel Time Index Report.

9. Next Meeting Date and Place

Next meeting will be held at 10:00 a.m. on Wednesday, March 27, 2013, in the Ironwood Room (2nd floor) at MAG.

Adjournment

Vice Chair Catherine Hollow adjourned the meeting at 10:53 a.m.

2013 MAG ITS ON-CALL SERVICES CONSULTANTS
RANK ORDERED LIST OF RECOMMENDED CONSULTANTS

Area of Expertise: Traffic Engineering

1. Lee Engineering LLC
2. Stanley Consultants, Inc
3. Kimley-Horn and Associates, Inc.
4. URS Inc
5. Ayres Associates Inc
6. Stantec Consulting Services Inc
7. Kittelson and Associates, Inc.
8. Parsons Brinckerhoff, Inc.
9. Y.S. Mantri & Associates LLC

Area of Expertise: ITS Planning

1. Lee Engineering LLC
2. Kimley-Horn and Associates, Inc.
3. Jacobs Engineering Group, Inc.
4. OZ Engineering LLC
5. United Civil Group

Area of Expertise: ITS Operations Planning

1. Lee Engineering LLC
2. Kimley-Horn and Associates, Inc.
3. Stanley Consultants Inc.
4. Jacobs Engineering Group, Inc.
5. OZ Engineering LLC

Area of Expertise: ITS Training

1. TransCore ITS, LLC
2. Kimley-Horn and Associates, Inc.
3. Lee Engineering LLC
4. Ayres Associates Inc.
5. OZ Engineering LLC

Area of Expertise: ITS Evaluation

1. Lee Engineering LLC
2. Y.S. Mantri & Associates LLC
3. United Civil Group
4. Stanley Consultants, Inc.
5. Jacobs Engineering Group, Inc.

Area of Expertise: Modeling Support

1. Kittelson and Associates, Inc.
2. Lee Engineering LLC
3. Jacobs Engineering Group, Inc.
4. URS Inc
5. Parsons Brinckerhoff, Inc.

Area of Expertise: Fiber Network Management

1. Kimley-Horn and Associates, Inc.
2. Lee Engineering LLC
3. Stanley Consultants, Inc.
4. TransCore ITS, LLC
5. OZ Engineering LLC

REVIEW PANEL

Cathy Hollow – City of Tempe
Mike Mah – City of Chandler
Reza Karimvand – Arizona DOT
Margaret Boone - MAG
Sarath Joshua - MAG