

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

May 4, 2011
MAG Cholla Room, 2nd Floor
302 North First Avenue
Phoenix, Arizona

MEMBERS ATTENDING

Reza Karimvand, ADOT	Debbie Albert, City of Glendale
**Soyoung Ahn, ASU	Luke Albert, City of Goodyear
Margaret Boone-Pixley for Bennie Robinson, City of Avondale	Nicolaas Swart, Maricopa County
**Thomas Chlebanowski, Town of Buckeye	Suresh Shrimavle, METRO
Mike Mah, City of Chandler	**Derrick Bailey, City of Mesa
*Captain R. Brant Benham, DPS	**Ron Amaya, City of Peoria
Jorge Gastelum, City of El Mirage	Marshall Riegel, City of Phoenix
**Jennifer Brown, FHWA	Bob Ciotti, Phoenix Public Transit
Kurt Sharp, Town of Gilbert	*Bill Birdwell, Town of Queen Creek
	**Bruce Dressel, City of Scottsdale
	Nicholas Mascia City of Surprise
	Catherine Hollow, City of Tempe

OTHERS PRESENT

Farzana Yasmin, ADOT	Darrell Bingham, ADOT
**Faisal Saleem, Maricopa County	Jim Michalak, Fountain Hills
Marta Gerber, Michael Baker	Randy Pearson, ITS Engineer
Natalie Carrick, Michael Baker	Don Wiltshire, YSMA
Jim Lee, Lee Engineering	Yung Koprowski, Lee Engineering
Bo Gao, TransCore	Brennan Kidd, Lee Engineering
Gopal Raju, OZ Engineering	Deanna Haase, KHA
Jay Yenerich, PB	Dan Hartig, Ayres Associates
Sarah Simpson, UCG	Keith Winney, UCG
Allen Barakovic, Jacobs	Shanthi Krishnan, Jacobs
Sarath Joshua, MAG	Micah Henry, MAG
Leo Luo, MAG	Kiran Guntupalli, MAG

- * Not present
- ** Via teleconference

1. Call to Order
Chairman Nicolaas Swart called the meeting to order at 10:09 AM.

2. Approval of the April 6, 2011 Meeting Minutes
Debbie Albert moved, Reza Karimvand seconded and it was unanimously carried to approve the minutes of the meeting held on April 6, 2011.

3. Call to Audience

Chairman Nicolaas Swart 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:

FY2011 TSOP Project Update: A total of 13 TSOP projects have been launched and are currently underway, two projects will be launched in the Fall and one project has been completed.

ITS Committee Chair and Vice-Chair appointments: Vice-Chair Debbie Albert will be assuming the role of Chair in July. Committee members who are interested in serving as the Vice-Chair need to submit a letter of interest by May 30, 2011, to Mayor Thomas Schoaf, MAG Chair.

Leo Luo provided a brief summary of a recent FHWA webinar on providing travel time information by utilizing third party traffic data. It appears to be a very successful approach and some of the applications have been expanded. More detailed information on Maryland CHART's effort was provided.

5. Non-Recurring Congestion Countermeasures

Jim Lee from Lee Engineering briefed on the findings of the MAG Non-Recurring Congestion Study and explained the method used to rank the potential countermeasures for both freeways and on arterials. He then presented the results of the surveys received from MAG member agencies. Sarath added that the next step of the project is to develop a framework for the potential Pilot project to reduce the impact of the non-recurring congestion. Key countermeasures need to be identified to guide this next task. Debbie Albert, Mike Mah, Catherine Hollow, Darrell Bingham shared their thoughts in ranking the countermeasures. Sarath and Mike both shared concerns of driver distraction in potential use of the 511 phone system. Faisal and Reza mentioned that there are users of the 511 system and it may be worth improving the system. Nicolaas and Sarath mentioned that Adaptive Signal Control could be a good candidate countermeasure for arterial and arterial-freeway coordination. Nicolaas Swart (MCDOT), Margaret Boone-Pixley (Avondale) and Cathy Hollow (Tempe) all expressed interest in participating in a future pilot project. Debbie asked where the pilot project will be focus on. Reza suggested focusing the pilot project on an arterial street. Sarath and Jim mentioned that the impact of non-recurring congestion is much more significant on the freeways and that it is more needed on freeways. Jim Lee suggested that non-recurring congestion has great impacts where recurring congestion is more significant. There was general agreement that the I-10 corridor was good candidate for a potential pilot project. Committee members were invited to provide input to the study to help shape the pilot project framework.

6. Guidelines for ITS Planning in Smaller Jurisdictions

Shanthi Krishnan from Jacobs provided a brief presentation of this MAG on-call study. She explained the goals of the project and identified the 14 cities and towns as well as three Indian reservations as the smaller communities. Members from all small jurisdictions will be invited to form the Study Advisory Group. A workshop on basic ITS functions, understanding the needs of the small communities is scheduled to be held at MAG on May 18 from 9:00am to 11:30 am. Larger jurisdictions were also invited to

participate and share their experience. She also briefly went through the scope of the project. Shanthi confirmed with Margaret that more detailed information regarding the workshop will be provided via email. Sarath added that this project is part of a MAG initiative to address needs of smaller communities.

7. Status of Regional Traffic Management Operations Infrastructure

Sarath mentioned that substantial regional investments have been made in both freeway and arterial ITS. A summary information on the ITS infrastructure and practices is not readily available. This on-call project will utilize ideas from a recent publication by the Puget Sound Regional Council and produce a web-based information resource, on traffic management and ITS infrastructure, to be used for planning purpose. In response to a question by Nicolaas on how this will be maintained, Sarath replied that tools for maintaining this resource will also be developed. Sarath mentioned that this effort will also incorporate some of the other data gathering efforts by AZTech in the updates.

8. Status Reports by Committee Members

Debbie Albert mentioned that City of Glendale approved three (3) ITS projects including ITS Strategic plan and design for adding 9 miles of fiber communications, 16 CCTV cameras and 4 DMS. Margaret Boone-Pixley mentioned the new procurement process for City of Avondale interim TMC. Reza Karimvand mentioned that ADOT is upgrading the TOC by adding a new video wall. Ron Amaya mentioned that Peoria TMC project is close to completion. The Peoria video display issue has been resolved and a traffic signal emergency operation project is undergoing ADOT review. Derrick Bailey from Mesa mentioned that the Adaptive Signal Control System project is moving forward with system integration. Gilbert Road ITS project is close to completion. The ITS east loop project and the southwest ITS project are approved by City Council. Pedestrian push button equipments have been procured to be installed at 60 Mesa intersections. Faisal Saleem mentioned that Maricopa County is procuring a new Traffic Control System and constructing their new TMC. The 99th Avenue fiber optic backbone project is under construction and the Olive Avenue project design is close to completion. Signal upgrade projects located in county islands in the east valley are also close to completion. Jennifer Brown from FHWA mentioned that the requirements of ITS projects complying with the new 2009 MUTCD is still under discussion. While MAG received instructions from FHWA and sent out the notification to MAG member agencies, the requirements probably are still not final. Soyoung Ahn mentioned that ASU has been analyzing freeway detector data for bottlenecks of the system, which could be useful for selecting the non-recurring congestion study pilot corridor. Sarath asked if the preliminary findings of the study could be shared with the project team. Soyoung mentioned that she will work with ATRC to provide the information.

9. Request for Future Agenda Items

No future agenda item is received.

10. Next Meeting Date

Next meeting will be held at 10:00 a.m. on Wednesday June 1, 2011.

11. Adjournment

Chairman Nicolaas Swart adjourned the meeting at 11:30 a.m.