

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

November 2, 2011  
MAG Ironwood Room, 2nd Floor  
302 North First Avenue  
Phoenix, Arizona

**MEMBERS ATTENDING**

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

**OTHERS PRESENT**

**Mike Benjamin, Regional 911	Nicole Patrick Maricopa County
Liz Ceraeber, Regional 911	Min Zhang, Surprise
Stin Weber, Glendale	Trevor Ebersole, Glendale
Darrell Bingham, ADOT	Don Wiltshire, YSMA
Madhuri Uddaraju, Atkins	Jay Yenerich, PB
Steve Blair, ITS Engineers	Dan Hartig, Ayres
Jim Lee, Lee Engineering	Natalie Carrick, Michael Baker
Jeff Jenq, OZ Engineering	David Riley, UCG
Deanna Haase, KHA	Sarah Simpson, UCG
Micah Henry, MAG	Audrey Skidmore, MAG
Leo Luo, MAG	Kiran Guntupalli, MAG

- \* Not present
- \*\* Via teleconference

1. Call to Order  
Chair Debbie Albert called the meeting to order at 10:03 AM.
2. Approval of the October 5, 2011 Meeting Minutes  
**After noting a few minor corrections, Reza Karimvand moved, Catherine Hollow**

**seconded and it was unanimously carried to approve the minutes of the meeting held on October 5, 2011.**

3. Call to Audience

Chair Debbie Albert 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: Nine (9) projects have been completed. Five (5) projects are still underway. Two (2) projects are about to start. The total cost for all the projects is \$434,000. An estimated of \$30,000 will be forwarded to the next year.
- FY2012 TSOP Call for Projects. The project selection criteria were briefly reviewed, including before-and-after studies and the different types of TSOP projects that would be considered. The project applications will be due on November 18. A special meeting will be held on November 28, 2011 for the ITS committee to make a formal recommendation of FY2012 TSOP projects.
- ITS Planning in Smaller Jurisdictions: The project is underway and is expected to be completed soon.
- Status of Regional Transportation Systems Management & Operations: Responses to the survey have been received from all member agencies. The CONSULTANT—Kimley Horn Associates is finalizing the results of the survey. The agreed-upon contents of the survey will be presented as webpages at the MAG website. The project is expected to be completed in December.
- ITS World Congress & ITS America Annual Meeting: The focus of ITS appears to have shifted towards improving road safety. Significant efforts are underway for improving road safety using technology. Sarath suggested that the committee could explore efforts in the region. Reza Karimvand agreed on the shift towards safety in ITS applications. He also mentioned that it was his observation that Arizona is clearly among the most advanced states in the nation in ITS applications.

5. Emergency Vehicle Preemption

In introducing the agenda topic Sarath Joshua mentioned that Darryl Crossman, City Manager of Litchfield Park, had expressed concern of the potential for conflicts between emergency vehicles and others at signalized intersections. Arthur Dock from Mesa was invited to provide an update on the work being carried out by a small group of staff from east valley cities that have been working on Emergency Vehicle Preemption (EVP) for a number of years. Arthur mentioned the east valley cities have generated a common coding scheme that would allow preemption of traffic signals by emergency vehicles from other jurisdictions. He also explained the reason for the common coding scheme is to prevent the abuse of the preemption system by unauthorized users who may have access to illegal devices. The coded operation has been adopted by all participating cities: Tempe, Mesa, Chandler and Gilbert. The preemption confirmation light was also discussed, including the confirmation lights to the emergency vehicle operators and the traveling public. The City of Mesa has installed central software so that the emergency vehicles, intersections and the preemption operation can be monitored in real-time. Reza Karimvand asked what types of vehicles could preempt signals. Arthur mentioned that it varies by agencies. Typically, fire department and EMS have the capability. Others may

include ambulance, police, etc. However, more disruptions will occur if more vehicles are preempting the signals. Arthur further introduced several available confirmation light technologies for traveling public. Chair Debbie Albert asked if GPS based technologies are also considered in EVP. Arthur mentioned that the patent and compatibility issues between the vendors could be a potential problem. Sarath suggested including the EVP topic in the Status of Regional Transportation Systems Management & Operations project. Margaret mentioned that Avondale has implemented EVP confirmation lights at a few intersections. She suggested that Bennie Robinson could provide more detailed information if Darryl Crossman and others are interested. Other topics related to the EVP confirmation lights including maintenance, the availability of EVP at the intersection, crash history, etc. were also discussed. Arthur mentioned that the east valley group will be continuing the EVP discussion.

6. RCN No-Cost Service Request

Audrey Skidmore from MAG reported that the MAG RCN Working Group had received a no-cost service addition request from Maricopa Regional 911 to use RCN as an additional redundant path for their communications. The communication bandwidth needed is around 5Megabits per second. This request for approval submitted to MAG is to allow the 911 communications traffic on the RCN network. The Regional 911 will contact each member agency for approval of connection and negotiate other details. In this request, Maricopa Regional 911 acknowledges the limits of the RCN. Audrey also mentioned that additional data the transportation community may be able to obtain by working with the public safety sector. **Catherine Hollow moved, Faisal Saleem seconded and it was unanimously carried to approve the use RCN as an additional redundant path for Maricopa Regional 911 communications.**

7. Status Reports by Committee Members

Reza Karimvand from ADOT mentioned that the new TOC video is under procurement. The State DMS plan is under final review. The United Civil Group is conducting the FMS ramp meter system evaluation. A project to develop the state's ITS Architecture will hold its kick-off meeting soon. The FMS along I-17 from Loop 101 to SR74 was advertised for design in November. Bruce Dressel from Scottsdale mentioned that a high bandwidth wireless communications project is underway. More information will be provided to the committee when the installation is completed. Chair Debbie Albert mentioned that Glendale is changing their centralized traffic signal control system from the i2 system by Siemens to KITS system by Kimley-Horn and Associates.

8. Request for Future Agenda Items

No future agenda item was received.

9. Next Meeting Date and Place

Next meeting will be held on Monday November 28, 2011, in the Ironwood Room (2<sup>nd</sup> floor) at MAG at 10:00 a.m.

Adjournment

Chair Debbie Albert adjourned the meeting at 11:30 a.m.