

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

July 10, 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<br>Chris Hamilton, City of Avondale   | Faisal Saleem for Nicolaas Swart, Maricopa County    |
| ** David Gue for Thomas Chlebanowski,<br>Town of Buckeye | Avery Rhodes, City of Mesa                           |
| Hong Huo for Mike Mah, City of Chandler                  | Ron Amaya, City of Peoria                            |
| + Captain Burley Copeland, DPS                           | Marshall Riegel, City of Phoenix                     |
| Jorge Gastelum, City of El Mirage                        | + Bill Birdwell, Town of Queen Creek                 |
| Allen Hansen for Jennifer Brown, FHWA                    | + Steve Ramsey, City of Scottsdale                   |
| ** Erik Guderian, Town of Gilbert                        | + Albert Garcia for Jason Mahkovtz, City of Surprise |
| Trevor Ebersole for Debbie Albert, City of Glendale      | Catherine Hollow, City of Tempe                      |
|  | Ratna Korepella, RPTA                                |

OTHERS PRESENT

Jordan Lamoreanx, Maricopa County  
Gary Bonner, Mesa  
Dan Hall, Iteris  
Rick White, Shneider Electric  
David Riley, UCG  
Jason Watson, Stantec  
Art Brooks, Strand  
Saroja Devarakonda, HDR  
Amara Ibeti, CK  
Audrey Skidmore, MAG  
Margaret Boone, MAG  
Kiran Guntupalli, MAG  
Leo Luo, MAG

Arthur Dock, Mesa  
Giao Pham, Apache Junction  
Arnab Gupta, PB Inc  
Sandy Thoms, Jacobs  
Dan Hartig, Ayres Inc  
Deanna Haase, KHA  
Cory Steele, Strand  
Jeff Jenq, OZ  
Joe Spadafino, YSMA LLC  
Ryan Gish, MAG  
Sarath Joshua, MAG

- + Not present  
\*\* Teleconference

1. Call to Order

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

2. Approval of the May 1, 2013 Meeting Minutes  
**Marshall Riegel moved, Ron Amaya seconded and it was unanimously carried to approve the minutes of the meeting held on May 1, 2013.**
  
3. Call to Audience  
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:
  - TSOP Update  
All the FY2011, FY2012 and FY2013 TSOP projects are completed.
  - MAG ITS Architecture Update  
The 2013 MAG Regional ITS Architecture Update has been completed. Transit components in the region are also incorporated.
  - MAG ITS & Safety On-call Contracts  
MAG Fiscal Services is finalizing the on-call contract. It is expected to be completed by the end of August. Work on consultant task orders will begin in September.
  - Integrated Corridor Management Systems Webinar  
MAG will host the ICM Decision Support webinar at Ironwood Room on July 11 2013.
  
5. RCN Working Group Update and Video Multicast Access  
Ryan Gish mentioned that RCN switch at Gilbert was relocated to municipal building to allow easy access to police and 911 system. Further extension of RCN is expected to result in connecting Glendale. MAG is currently working with cities on Video Multicast Access solutions. Ryan specially thanked Mesa, Maricopa County, Glendale and ADOT for their assistance in making the Multicast functional. He also demonstrated the multicast video from three different software packages. Chair Catherine Hollow asked if Camera Cameleon allows pan, tilt and zoom. Ryan mentioned that it needs configuration and the agencies will also need ADOT's authorization for PTZ. Ron Amaya asked the cost comparison between Camera Cameleon and Luxriot. Ryan mentioned Camera Cameleon state wide license costs about \$250,000, but it's free for other agencies. Annual maintenance is about \$45,000. The Luxriot pricing is per server. Each server license costs about \$1500. Annual maintenance is about \$400 per server. Camera Cameleon takes more time for configuration, installation and upgrade. MAG also developed a simple interface to pull the multicast video. Ryan confirmed with Chair Cathy Hollow that any agencies who would like to test the MAG Video Monitor can contact him directly. Sarath commented that one of the reasons Ryan is offering the different software packages is to show agencies that there might be different options available in addition to Camera Cameleon. Ryan also confirmed with Cathy that Camera Cameleon is the only software package that currently allows pan, tilt and zoom beyond one agency. Marshall Riegel commented that camera owning agency needs to provide the authorization for the pan, tilt and zoom capability.

6. Integrated Corridor Management (ICM) Action Plan Next Steps

Bob Hazlett from MAG made a brief presentation on the status of the I-10/I-17 improvements. The EIS alternatives substantially exceed the programmed funding in RTP. As a result, both I-10 and I-17 EISs are suspended. He also mentioned that the advance traffic management, ICMS and other ITS solutions proposed by the Committee could help alleviate congestion in a shorter term. An estimate of \$50-\$100M could be made available for these strategies. It is estimated that the spot improvement strategies, including the solutions recommended by the ITS committee will be finalized by October. However, the budget allocation for the spot improvement project has not been established. MAG is planning to conduct a corridor master plan project starting in August to identify long-term improvement alternatives for parallel arterials. The project also tries to address NEPA requirements for future EISs of multiple projects. He mentioned that MAG will involve elected officials as charter partners in the project. Bob clarified with Faisal Saleem that the “within ADOT right-of-way” refers to physical facility construction. He also mentioned that if approved, the projects will be programmed into TIP early next year (2014). When asked about the oversight of the corridor master plan project, Bob mentioned that his group will be reporting to Regional Council. He also mentioned that TMC staffing during peak periods is one of the key issues to be addressed. A potential funding mechanism for TMC staffing will be explored.

7. FY2014 TSOP Call for Projects

Sarath Joshua briefly showed the status of past TSOP projects. All the projects are completed. He then demonstrated the previous TSOP call for projects package and requested the Committee to discuss the improvement and changes needed to the program. Marshall mentioned that it is necessary for Phoenix to further advance what has been accomplished through this round of TSOP projects. Chair Catherine Hollow asked what has been completed in the I-10 project and what is needed for future works. Marshall mentioned that Phoenix intends to investigate if incident occurred at different locations, what diversion route would be and what strategies the City needs to deploy. Sarath clarified that the modeling effort was conducted at MAG and the funding was used for the consultants to generate timing scenarios. Margaret briefly described the I-10 concept of operations and draft IGA project. Faisal suggested expanding the TSOP effort to other agencies as few agencies participated last year. Chair Hollow agreed that is a good idea and she thinks the TSOP program is very helpful. Sarath mentioned that MAG received less TSOP project applications in FY2013 and asked members to discuss the reasons. Hong Huo from Chandler mentioned that Before-and-After study is very difficult to fit into a City’s schedule. City of Chandler always conducts Before-and-After Study in-house even without the requirement. Sarath mentioned that Before-and-After is a requirement for selected TSOP projects. He suggested that member agencies could provide the Before-and-After Study reports to MAG. Avery Rhodes from Mesa agreed and mentioned that with the Bluetooth project, City of Mesa could generate Before-and-After study reports without additional effort. Ron Amaya suggested that the Before-and-After study would still need to remain as an option because not every agency has the technology or man power to conduct the study. Chair Hollow mentioned that questions have been raised regarding the data collection only projects. Erik Guderian, Hong Huo and Avery Rhodes suggested requiring agencies to provide Before-and-After study reports within certain time frame after receiving the data. This way, the agencies will still be responsible in developing timing within reasonable time frame. Faisal Saleem suggested that agencies need to provide the project schedule when they submit

applications. Erik mentioned that it would be very helpful for member agencies if a TSOP call for projects can be issued on a consistent schedule each year. Sarah mentioned that MAG will be developing such a schedule and will incorporate input from the committee in the next TSOP call for projects. The draft documents will be provided for committee review at the next meeting. The next call for TSOP projects is planned for August.

8. Reports by Committee Members

Ron Amaya mentioned that City of Peoria is replacing their traffic signal system. The new system name is Intelight. The project is expected to be completed in the next few months and no need in upgrading city's existing traffic controllers for regular operations. However, if the city chooses to adopt the adaptive module of the system, then new controllers will be required. Avery Rhodes shared a successful procurement process with the committee members on using a micro-duct system for fiber conduits by working with FHWA. This project has resulted in 10% saving of project budget amounting to about \$200,000. Erik Guderian from Gilbert mentioned that the fiber project to connect to Mesa at Baseline Road and Gilbert Road is close to completion.

9. Request for Future Agenda Items

No future agenda items were received.

10. Next Meeting Date and Place

Next meeting will be held at 10:00 a.m. on Wednesday, August 7, 2013, in the Ironwood Room (2<sup>nd</sup> floor) at MAG.

Adjournment

Chair Catherine Hollow adjourned the meeting at 11:34 a.m.