

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

December 2, 2015  
MAG Ironwood Room, 2nd Floor  
302 North First Avenue  
Phoenix, Arizona

**MEMBERS ATTENDING**

|  |   |
|--|---|
| Farzana Yasmin for Reza Karimvand,<br>ADOT           | # Hugh Bigalk for Luke Albert, City of<br>Goodyear    |
| * Yingyan Lou, ASU                                   | Barbara Hauser for Nicolaas Swart,<br>Maricopa County |
| Chris Hamilton, City of Avondale                     | Avery Rhodes, City of Mesa                            |
| * Jason Mahkovtz, City of Buckeye                    | Steve McKenzie, City of Peoria                        |
| Mike Mah, City of Chandler                           | Marshall Riegel, City of Phoenix                      |
| Captain Burley Copeland, DPS                         | * Steve Ramsey, City of Scottsdale                    |
| Bryce Christo, City of El Mirage                     | Albert Garcia, City of Surprise                       |
| * Toni Whitfield, FHWA                               | # David Lucas, City of Tempe                          |
| Leslie Bubke, Town of Gilbert                        | * Abhishek Dayal, Valley Metro                        |
| Allan Galicia for Debbie Albert, City of<br>Glendale |   |

**OTHERS PRESENT**

|                               |                                |
|-------------------------------|--------------------------------|
| BriAnne Turpin, Michael Baker | Bruce Dressel, Lee Engineering |
| Felipe Ladron, Kittelson      | Scott Kelley, AMEC FW          |
| Justin Watson, Stantec        | Margaret Boone, MAG            |
| Jeff Jenq, OZ Engineering     | Ryan Gish, MAG                 |
| Srini Goundla, PB             | Micah Henry, MAG               |
| Krishna Anantuni, PB          | Sarath Joshua, MAG             |
| Don Tappendorf, TEC           | Eric Nava, MAG                 |
| Arnab Gupta, AECOM            | Christopher Olander, MAG       |
| Don Wiltshire, YSMA           | Audrey Skidmore, MAG           |

- \* Not present or represented by proxy
- # Participated by teleconference
- + Participated by videoconference

1. Call to Order  
Chair Marshall Riegel called the meeting to order at 10:30 a.m.
2. Approval of the November 4, 2015 ITS Committee Meeting Minutes  
Chair Riegel requested approval of the meeting minutes from the November 4<sup>th</sup> ITS Committee meeting. David Lucas with City of Tempe identified a correction in Item 5 for the Phoenix ARID project. **Leslie Bubke from Town of Gilbert moved, Mike Mah from City of Chandler seconded, and it was unanimously carried to approve the minutes, with the corrections noted, of the meeting held on November 4, 2015.**

3. Call to Audience

Chair Riegel 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

Chair Riegel invited Sarath Joshua from MAG to present the Program Manager's Report. Mr. Joshua addressed the following items in his report:

➤ Status of TSOP Projects:

For FY2015 TSOP projects nine out of the eleven projects have been completed. Project number ten, which will facilitate the Before and After Evaluation of three TSOP projects, is slated to be completed this week. This includes a Glendale project on 59<sup>th</sup> Avenue from Deer Valley Road to Union Hills Drive (underway), the City of Tempe project on Mill Avenue from Curry Road to University Drive, and the City of Surprise project on Bell Road from Grand Avenue to Loop 303. The fee proposal for Project number eleven, the ICM project for I-10 from 35<sup>th</sup> Avenue to 83<sup>rd</sup> Avenue, is expected this week and the task order will be initiated shortly.

MAG issued a call for applications on October 7, 2015, for FY2016 TSOP projects. The available budget is \$300,000. The deadline for submitting applications was Noon on Friday, November 13, 2015. Projects involving two or more agencies of a regional scale can receive up to \$60,000, while single-agency projects can receive up to \$30,000. The application form requires additional information including type of controllers maintained by the agency, the time source used for coordination, and the existence of interconnection. Applications were reviewed by the Committee and is an item on today's agenda for discussion and possible recommendation of approval of a list of 2016 TSOP projects. Task Orders will be issued in January 2016 and all work is anticipated to be completed by June 2016.

➤ ITS Committee 2016 Schedule of Meetings

The proposed schedule for meetings for the ITS Committee in 2016 includes the following dates:

- January 6, 2016
- February 3, 2016
- March 9, 2016
- April 6, 2016
- May 4, 2016
- June 1, 2016
- July 6, 2016
- August 3, 2016
- September 7, 2016
- October 5, 2016
- November 2, 2016
- December 7, 2016

Each meeting will begin at 10 AM in the MAG Ironwood conference room, preceded by the Regional Community Network Working Group starting at 9 AM.

5. Recommendation of FY2018-2019 ITS Projects

Chair Riegel invited Sarath Joshua to discuss the recommendation of TIP projects for CMAQ ITS projects. Two lists of ITS projects were recommended for FY2018 and FY2019 and were presented at the November ITS Committee meeting. In order to reduce ADOT administration costs during the project obligation process, MAG staff received request from agencies to combine projects of similar scope. This included moving some projects from one funding year to another. After consulting with the member agencies, ten ITS CMAQ projects recommended have been combined, to produce five projects. This includes the following projects:

- City of Mesa – Install cabinets & controllers at 50 locations and establish communications (FY2018),
- City of Goodyear – Install fiber along Elwood Street, CCTV, connect two signals to TMC (FY2018),
- City of Chandler – Install bicycle detection system for 40 signalized intersections along Chandler Boulevard & Ray Road (FY2019),
- City of Glendale – Install fiber, communication, and CCTV along Camelback Road from 51<sup>st</sup> Avenue to 91<sup>st</sup> Avenue (FY2019),
- City of Phoenix – Central Core ARID (FY2019).

Committee members took action needed to amend the prior recommendation of projects and to recommend the revised list of projects. **Albert Garcia from the City of Surprise moved, Avery Rhodes from City of Mesa seconded, and it was unanimously carried to amend the prior recommendation of projects. Albert Garcia from the City of Surprise moved, Avery Rhodes from City of Mesa seconded, and it was unanimously carried to approve the revised recommended list of projects for FY2018 and FY2019 for the MAG TIP.**

6. FY2016 TSOP Projects

Chair Riegel invited Sarath Joshua with MAG to discuss the Traffic Signal Optimization Program projects scheduled for FY2016. The FY2016 MAG Work Program includes \$300,000 for a new cycle of TSOP projects. To identify new projects, MAG issued a call for project applications on October 7, 2015, with a deadline of Noon, Friday, November 13<sup>th</sup>. A total of six project applications were received for a total estimated cost of \$304,000. There is a \$10,000 carry-over of funding from a previous cycle for a total of \$310,000 available for these projects. Applications were provided to Committee members for review prior to the meeting and the submitting agencies provided an overview of each application to facilitate the Committee discussion.

The project applications included:

- Gilbert/Mesa/ADOT – Develop ICM Plan for US-60 from Gilbert Road To SR-202L
- MCDOT – Signal Optimization on 99<sup>th</sup> Ave. from Olive Ave. to Union Hills Dr. and on Union Hills Dr. from Westbrook Parkway to 107<sup>th</sup> Avenue
- City of Phoenix – Signal Optimization on Glendale Ave. from 7<sup>th</sup> St. to 24<sup>th</sup> St. including SR-51, and Morten Ave. & 16<sup>th</sup> St., and Bethany Home Rd. & 16<sup>th</sup> St.
- City of Phoenix – I-10 ICM Concept of Operations
- City of Surprise – Signal Optimization on Greenway Rd. from Dysart Rd. to Cotton Ln.
- ADOT – Signal Optimization on Indian School Rd. From 19<sup>th</sup> Ave. to 23<sup>rd</sup> Ave. and on Camelback Rd. from 19<sup>th</sup> Ave. to 27<sup>th</sup> Ave.

Two additional TSOP projects include the 3-Day Synchro Training Workshop and the Before and After Evaluation of Selected Corridors. These were added to the original list for a combined eight TSOP projects.

During discussion of the project applications, Chair Marshall Riegel with City of Phoenix identified the need to continue the current effort to implement Integrated Corridor Management strategies on I-10. Chair Riegel requested the TSOP application for City of Phoenix for I-10 ICM Concept of Operations be replaced with the second phase for implementing ICM on I-10. Leslie Bubke with Town of Gilbert identified four potential staff members for the Synchro Training, for a total of nineteen participants. The project study area for the MCDOT TSOP was clarified. Avery Rhodes with City of Mesa identified the need for general cost estimates for future TSOP project consideration. This effort would be supported by MAG; MAG staff will review the different types of projects initiated through the program including standard TSOP projects, ICM-related projects, and system modeling projects. As future TSOP projects include ICM-related tasks, these estimates will further be developed.

Committee members took action needed to recommend the TSOP projects for funding. **Mike Mah from City of Chandler moved, Marshall Riegel from City of Phoenix seconded, and it was unanimously carried to approve the list of TSOP projects for FY2016 with the modifications noted.**

7. Reports by Committee Members

Chair Riegel called on members to report items of interest to the committee. Farzana Yasmin with ADOT updated the Committee on the Active Traffic Management project on I-17. She reported that the draft of the Concept of Operations has been completed and is under review. The Project Assessment is scheduled for completion by March 2016. Barbara Hauser with Maricopa County reported on the efforts related to Traffic Incident Management (TIM) being conducted by the County. A TIM Summit sponsored by FHWA is scheduled to be held next week. Chair Riegel briefed the committee on the Bell Road Adaptive Traffic Signal Control project. He stated that RFPs have been received and are currently under evaluation. Scoring will be conducted this month. Sarath Joshua reported on the pilot project to co-locate DPS at the ADOT TOC. One year of the pilot project has been completed and the data is being compiled. There will be a media event held at the TOC on the project's first anniversary in January 2016. Sarath Joshua announced that following the committee meeting, MAG will be hosting a national webinar related to ITS applications for bicycle and pedestrian facilities, and invited members to participate.

8. Request for Future Agenda Items

Chair Riegel called on members to request future agenda items. There were no requests.

9. Next Meeting Date and Place

Chair Riegel noted that the next meeting will be held at 10:00 a.m. on Wednesday, January 6, 2015, in the Ironwood Room (2<sup>nd</sup> floor) at MAG.

10. Adjournment

Chair Riegel adjourned the meeting at 11:14 a.m.