

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

December 6, 2006
MAG Cholla Room, 2nd Floor
302 North First Avenue
Phoenix, Arizona

MEMBERS ATTENDING

Avery Rhodes for Debbie Burdette, City of Glendale	Paul Powell for Bruce Dressel, City of Scottsdale
Alan Sanderson, City of Mesa	Christine Warren for Jim Decker, City of Tempe
Mike Mah, City of Chandler	Scott Nodes for Tim Wolfe, ADOT
Ken-Ichi Maruyama, Town of Gilbert	Ron Amaya, City of Peoria
Nicolaas Swart, Maricopa County	*Mary Kihl, ASU
*Ron Doubek, City of Phoenix	Alan Hansen, FHWA
*Bob Ciotti, Phoenix Public Transit	Kelly LaRosa, City of Avondale
Mike Lockhart, DPS	*BJ Cornwall, City of El Mirage
Nicholas Mascia, City of Surprise	*Arkady Bernshteyn, Valley Metro Rail
*Thomas Chlebanowski, Town of Buckeye	
Michael Pacelli, Town of Queen Creek	

OTHERS PRESENT

Luke Albert, City of Goodyear	Bill Meador, Compel
Faisal Saleem, Maricopa County	Micah Henry, ITS Engineers
Nolan Hess, Transcore	Tom Buick, Morrison-Maierke
Doug, McCants, PBS&J	Kiran Guntupalli, MAG
Sarath Joshua, MAG	Lydia Warnick, ADOT
Leo Luo, MAG	Soyoung Ahn, ASU

*Not present

1. Call to Order
Chairman Alan Sanderson called the meeting to order at 10:01 AM.
2. Approval of November 1, 2006 Meeting Minutes and Introductions
Ken-Ichi Maruyama moved to approve minutes, Ron Amaya seconded and it was unanimously carried to approve the minutes of the November 1, 2006 ITS Committee meeting.
3. Call to Audience
Chairman Alan Sanderson made a call to the audience providing an opportunity to members of the public to address the ITS Committee. No comments were received from the public.
4. Program Managers Report
Sarath Joshua addressed the following items in his report:

- TSOP program and call for project

The call for project of the TSOP program has been sent to all the member agencies. The deadline of application is January 5, 2007. The TSOP working group will review and rank the projects later.

- Meeting schedule for 2007(Attachment)

The April and July ITS committee meetings have been moved to the second Wednesday of those months due to conflicts with holidays.

- Proposed new ITS projects in MAG Unified Planning Work Program (UPWP)

Three new ITS projects were proposed for Fiscal year 2008. These projects include:

- ITS Strategy Plan Update. Estimated budget is \$50,000
 - Guidelines for developing ITS and Traffic Management Infrastructure for small cities and towns. Estimated budget is \$60,000
 - Software Purchase and Training in Dynasmart-P, estimated budget is \$20,000.
- Potential project to study future regional ITS communications needs and recommend strategies

Sarath Joshua briefed the committee the proposed draft scope of work for this project, the estimate duration is about 6 months and the cost is \$50,000. If launched, the project will go through the MAG on-call project process. Faisal Saleem asked what level of detail the project expects to produce. Sarath explained that this project will produce a planning document for regional ITS communications rather than a design document which details the implementation. Sarath will provide more detail scope of work and cost of the project before the next committee meeting.

5. Integrated Corridor Management (ICM) Project Scope of Work

Sarath briefed the committee about the background of the ICM project. Although the MAG region was not awarded the federal funds for the ICM, MAG has programmed \$200,000 for the project. It is also identified in the Regional Concept of Transportation Operation (RCTO) as a high priority project for the region. After the proposal to apply for federal funds was not selected, FHWA, MAG, ADOT and MCDOT met and decided it was best to narrow down the scope and move forward with the project. Sarath presented a draft scope of work to the committee. He also expressed his concern about the recommended I-10 corridor because the on-going light rail project has absorbed most of available staff resources from City of Phoenix, which is one of the key participants in the ICM project. Paul Powell suggested undertaking a formal study to select the corridor within the region. Nicolaas Swart explained how the I-10 corridor was first selected. Kelly LaRosa emphasized the importance of the ICM project in improving I-10 corridor through incident management and traffic operations, especially with the upcoming I-10 widening project. She suggested two options if Phoenix is not able to participate in the project. One is to shorten the corridor along I-10 but include more arterials up to loop 101, the other is to move the corridor further west so that the I-10 segment within Phoenix is not included. Faisal Saleem mentioned that there should be different approach to operate the ICM system rather than treating the segments of I-10 within different jurisdictions separately. Alan Sanderson mentioned that the ICM project will be able to address some key issues along the I-10 corridor in the west valley. Kelly LaRosa suggested contacting City of Phoenix and clarifying the level of support that Phoenix can provide. Christine Warren commented that City of Phoenix will need to get involved because the transit system is managed by Phoenix. Sarath Joshua explained that the ICM project will focus on operation coordination rather than infrastructure investment, assuming the infrastructure already in place can support the coordination. Christine Warren mentioned that City of Tempe will not be able to provide sufficient support to ICM project due to the on-

going light rail project even if US60 corridor is selected. Sarath Joshua suggested forming a working group to refine the scope of work for the ICM project along I-10 corridor. Scott Nodes agreed with Sarath and pointed out that even if I-10 is selected for this project, it does not preclude other corridors for future ICM implementation. Kelly LaRosa, Luke Albert, Nicolaas Swart, Scott Nodes and Tim Wolfe from ADOT, Alan Hansen volunteered to form the ICM working group.

6. Regional Community Network (RCN) System Engineering Analysis (SEA)

Sarath Joshua presented the RCN System Engineering Analysis developed by ADOT and Kimley-Horn based on the Systems Engineering Analysis Interim guideline approved by the ITS committee. He mentioned that the RCN project is ready for implementation after the completion of the System Engineering Analysis. Chairman Alan Sanderson asked if significant changes were made or identified after performing the System Engineering Analysis. Sarath explained that several items that were not identified before were now explicitly spelled out. The SEA links the project with the Regional ITS Architecture and clarifies the purpose and outcome of the RCN project. It also identifies the responsibility of each involved member agencies in the RCN project. As a result, several IGAs will be signed between ADOT and other member agencies for the maintenance of the equipments. Scott Nodes commented that the RCN phase 1A is under construction and Debbie Baker is the project manager of the RCN project. Committee members can contact her for any concerns about the project. Alan Hansen commented that the SEA process is a very helpful process in a large project like RCN. It clarifies and resolves some key issues that may occur during project life cycle.

7. Discussion of Arterial ITS Project Types for FY2013 and after

Chairman Alan Sanderson presented a handout in which possible arterial ITS project types for future program year were listed for committee discussion. Christine Warren commented that fairness among member agencies should be considered. It may be necessary to provide some assistance to some of the agencies so that all the agencies can perform ITS operations at certain basic level. Mike Mah mentioned that a system that can provide objective ranking scores would be necessary for the candidate projects. Nicholas Mascia commented that a hybrid ranking system with both objective and subjective would be an ideal process. Sarath Joshua mentioned that if a regional wide project across multiple jurisdictions in each program cycle can be granted priority to address the public needs in the MAG region. Nicolaas Swart agreed with Sarath and commented that an arterial travel information system would be a good example for region wide project. Alan Sanderson suggested committee members could provide feedbacks and detail suggestions to the committee before the next ITS committee meeting. Ken-Ichi Maruyama asked about the common timelines for the arterial ITS projects. Sarath explained that the ITS committee usually begins to work on the ranking criteria as early as July and the call for projects is usually sent out in September. The process is usually completed by November. Sarath Joshua agreed to send out a reminder to collect the feedbacks from committee members on this item in early January, 2007. Alan Sanderson mentioned that Bruce Ward of Gilbert passed away unexpectedly before Thanksgiving. **After a brief review of the meeting schedule and upcoming activities, it was decided that the January ITS committee meeting should be canceled.**

8. Status Reports by Committee Members of ITS Activities

Scott Nodes briefed the committee about the change that the ADOT traffic operation center will experience during the I-10 widening project in Tucson. Nicolaas Swart mentioned the Bell Road ITS project. It is expected that all components will be fully functional by December 27, 2006. A before-and-after study will also be carried out to evaluate the benefits of the project. A Systems Engineering Analysis was also conducted for this project. The experience learnt from it is the necessity of paying more attention on sub-consultants/end-consultants. Nicolaas also announced that the 10-year anniversary of AZTech will be held on January 17, 2007. Sarath Joshua confirmed with Nicholaas that the Systems Engineering Analysis was included in the scope of work for the project design. Nicholaas also explained the difference the general public will notice on Bell Road. Ron Amaya from City of Peoria briefed the committee about the new traffic signal system project and the wireless communication project. Mr. Amaya also provided one example on the benefits from the Bell Road ITS project.

9. Next Meeting Date

Next meeting date was announced as 10:00 a.m. on Wednesday, February 7, 2007.

10. Adjournment

Chairman Alan Sanderson adjourned the meeting at 11:42 AM