

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

May 3, 2006
MAG Cholla Room, 2nd Floor
302 North First Avenue
Phoenix, Arizona

MEMBERS ATTENDING

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| Debbie Burdette, City of Glendale | Bruce Dressel, City of Scottsdale |
| Alan Sanderson, City of Mesa | Jim Decker, City of Tempe |
| Mike Mah, City of Chandler | Tim Wolfe, ADOT |
| *Bruce Ward, Town of Gilbert | Ron Amaya, City of Peoria |
| Nicolaas Swart, Maricopa County | Scott Nodes, City of Goodyear |
| Ron Doubek, City of Phoenix | *Mary Kihl, ASU |
| *Bob Ciotti, RPTA | Alan Hansen, FHWA |
| Mike Lockhart, DPS | *Dennis Murphy, Phoenix Aviation |
| Nick Mascia, City of Surprise | *Kelly LaRosa, City of Avondale |
| *Carrol Reynolds, Town of Buckeye | *BJ Cornwall, City of El Mirage |
| | *Mike Shine Town of Queen Creek |

OTHERS PRESENT

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|--------------------------------|---------------------------------|
| Faisal Saleem, Maricopa County | Arkady Bernshteyn, Valley Metro |
| Milt Coleman, KCS Systems | Nolan Hess, TransCore |
| Dave Chambers, TransCore | Eileen O'Connell, MAG |
| Doug McCants, PBS&J | Kiran Guntupalli, MAG |
| Micah Henry, ITS Engineers | Leo Luo, MAG |

*Not present or represented by proxy

1. Call to Order
Chairman Alan Sanderson called the meeting to order at 10:05 AM.
2. Approval of April 5, 2006 Meeting Minutes and Introductions
Mike Mah moved to approve minutes, Ron Amaya seconded and it was unanimously carried to approve the minutes of the April 5, 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 distributed a handout to address his report and two following agenda items.
 - a. ITS On-Call Contracts
 - Currently receiving Hourly Rate Schedules from all qualified 13 On-Call consultants
 - The contract boilerplate is under development and expected to be finalized by the

end of May

- Contracts are expected to be signed in July

b. FMS White Paper

- Was presented at the March TRC meeting
- TRC recommendation: revise White Paper to include local needs
- Local FMS needs identification
 - ADOT/Glendale FMS Project to advance construct FMS features to prepare for the super bowl event has been submitted for TIP closeout funds
 - If the project receives closeout funds, the FMS White Paper's project schedule can remain unchanged
- Key FMS issue that have surfaced
 - Many questions on the viability of proceeding ahead with Passive Acoustic Detectors
 - A key meeting in August with TTI will shed light on this issue
 - Following the TTI meeting, MAG staff would make a recommendation to the ITS committee on future FMS vehicle detection

Alan Sanderson asked where the TTI meeting would be held. Sarath replied that it would be held at MAG and that he will keep committee members informed.

5. Arterial ITS Plan Development

Sarath Joshua reported that the next cycle of TIP (2008-2012) programming would begin with a call for projects in August 2006. This would involve identifying projects for RTP funds dedicated for Arterial ITS applications, which are the only projects that have not been programmed into the TIP. Because the RTP funds dedicated for arterial ITS were advanced to the first ten years of the plan, approximately \$12 million will be available for programming arterial ITS projects in FY 2008 through FY 2012. Last year, in response to the ITS committee, the arterial ITS subcommittee came up with a recommendation that a consultant project be developed to produce an Arterial ITS Plan. Even if a project is launched now, it is unlikely to be completed by September, the deadline of project submission for the 2012 TIP. Mr. Joshua suggested that the ITS committee come up with an Arterial ITS Plan to prioritize projects. He also mentioned that the Plan could include projects for a 10-year period, but the projects after 2013 can only be considered in future TIP cycles. Due to the time constraint, Arterial ITS Plan should identify at least regional priorities and specific projects for next few years. Alan Sanderson asked if the Arterial ITS working group has any detail discussion on this type of projects. Sarath replied that the working group decided to identify local priorities, take into account the individual jurisdiction priority and come up with region approach to address the needs, but no detailed discussion was produced. Sarath mentioned that the Smart Corridor Project was programmed into the RTP. If we stepped away from this project, we would have to do a memorandum for the RTP to drop the Smart Corridor Concept and keep consistency with our ITS plan. In the meanwhile, we also need to have alternative projects to replace Smart Corridor Concept, which we don't have right now. Sarath also suggested that we have two more meetings in addition to the next two ITS committee meetings in order to complete the Arterial ITS Plan. He re-emphasizes that we can have Arterial ITS Plan to set up criteria to prioritize arterial ITS projects for the later 5 years from 2013 to 2018, but we need to have specific projects for upcoming 2008-2012 years. Sarath also mentioned that the ICM project could also be considered as one of the projects in Arterial ITS plan. Alan Sanderson confirmed with Sarath that we need a firm list of projects for the 2008-2012 TIP, but a guideline to select projects

for later years. Mike Mah asked about the funds in 2011. Alan Sanderson explained the advance of the Arterial ITS fund to the first ten years of RTP other than spread out for the whole 20 years. The gap in 2011 is caused by this change. As a result, no money was programmed in the previous TIP for year 2011 at that time. Eileen O'Connell further explained the amount of funds assigning to each year. Tim Wolfe suggested that ITS committee could develop an Arterial ITS White Paper to prioritize the potential projects other than just a list of projects for the recent years. Both Sarath Joshua and Alan Sanderson agreed that developing the Arterial ITS White Paper would be a good approach to address the issue. Debbie Burdette asked if it is more feasible to set up criteria to select projects other than specifying the projects. Sarath expressed his concern on the time consuming process to program the projects if no specific projects are included in the next cycle of TIP. Debbie suggested that individual agencies could submit their projects based on the criteria. Mike Mah suggested that we could also look into the areas that need help the most and come up with projects to address the problems of the areas. Nicolaas Swart suggested that we could develop the White Paper to address the short-term needs and the long-term strategies. Then the White Paper could serve as input for the consultant to develop a regional Arterial ITS Plan. Sarath mentioned that the White Paper usually is a good basis to cover a 10-year vision of the region and it could serve as the guiding principle for the regional Arterial ITS plan. Alan Sanderson agreed that it is difficult to have a ITS plan without changes over a 10-year period. Therefore, a White Paper for the Arterial ITS projects should be sufficient to guide the regional development. Sarath Joshua also mentioned that the RTP would be audited in 2010 and we would need to show the benefits that the RTP funded ITS projects bring to the region. Therefore, the Arterial ITS White Paper should cover projects with long-term pay-off and short-term benefits. Tim Wolfe mentioned that the FMS White Paper took about 5 to 6 months to complete. Sarath replied that if the White Paper can at least come up with basic guidelines for selecting the projects by August, the request for TIP projects could be issued by MAG based on that. The ITS committee will be able to review the projects based on the White Paper's Guiding Principles. Alan Sanderson asked if the committee would want to have a meeting before the June ITS committee meeting to prepare outlines and main principles for the White Paper. By doing so, the member agencies would have more time to consider the potential qualified projects for the coming years. The committee agreed to meet on May 18, 2006 at 10:00am at MAG to come up with an outline for the Arterial ITS program, priority, strategies, and some specific projects. That would also determine if changes to the RTP are necessary. Sarath will send out the notice to the committee about the room and schedule for the meeting.

6. Closeout projects for FY 2006

Sarath Joshua reported an estimate of \$3 to 4 million is available as closeout funds. MAG has received project request that total \$12 million, including the request from ADOT and Glendale for the FMS project, 2 projects from Mesa and 1 project from Tempe. Tempe project is in the priority 1B and will have good chance to get the closeout funds, but the rest of the ITS projects are all in the priority 3, which may not guarantee funds.

7. Systems Engineering Analysis of Regional Community Network Project

Sarath Joshua briefed the committee about the process of the Systems Engineering Analysis (SEA) project on Regional Community Network. He pointed out that most of the issues have been addressed by ADOT in the previous study. He also mentioned that it would be necessary to address the institutional agreements, procedures and funding resources necessary to sustain RCN operations and management, and maintenance of the system in the Systems Engineering Analysis. Jim Decker asked if the SEA could lead to changes in the

priority of the RCN Phase I projects since some of the projects are already under deployment. Tim Wolfe mentioned that the priority of the RCN projects have already been approved by the ITS committee.

8. Pilot Project on Traffic Signal Pre-emption Using Automatic Vehicle Location
Sarath Joshua explained the reason why this item was on the agenda. According to Paul Ward, it was necessary to identify the portion of the Federal Funds that each agency will receive when changing the joint project into individual projects. This will require a recommendation from the ITS committee. Sarath Joshua volunteered to coordinate a meeting among Tempe, Mesa, Gilbert and Chandler to resolve this issue and report to the next ITS committee meeting.
9. Integrated Corridor Management System Proposal
Nicolaas Swart updated the ITS committee the process of Integrated Corridor Management System. The proposal is under development by the consultant and will soon be submitted. Several stakeholders meeting are held to address the issues that need to be considered in the proposal.
10. Status Reports by Committee Members of ITS Activities
No specific activities were reported.
11. Next Meeting Date
Next meeting date was announced as 10:00 a.m. on Wednesday, June 7, 2006.
12. Adjournment
Chairman Alan Sanderson adjourned the meeting at 11:15 AM