

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

July 6, 2005
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 |
| Rick Hooker for Bruce Ward, Town of Gilbert | Ron Amaya, City of Peoria |
| Faisal Saleem for Nicolaas Swart, Maricopa County | Scott Nodes, City of Goodyear |
| Ron Doubek, City of Phoenix | *Mary Kihl, ASU |
| *Bob Ciotti, RPTA | Alan Hansen, FHWA |
| *Iven Wooten, DPS | *Dennis Murphy, Phoenix Aviation |
| Nick Mascia, City of Surprise | Punya P. Khanal for Michael Smith, City of Avondale |
| *Carrol Reynolds, Town of Buckeye | *BJ Cornwall, City of El Mirage |
| | Michael Shine, Town of Queen Creek |

OTHERS PRESENT

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| Debra Barker, ADOT | Michael Wendtland, ITS Engineers |
| Mani Kumar, ADOT | David Haines, Kimley-Horn & Associates |
| Nasreen Hasan, ADOT | Pierre Pretorious, Kimley-Horn & Associates |
| Tracy Eberlein, City of Surprise | Sarath Joshua, MAG |
| Krishna Anantuni, PB Faradyne | Kiran Guntupalli, MAG |
| Michael Maurite, Transcore | Effie Bouras, MAG |
| Bob Hughes, Town of Gilbert | |
| Romley Pearson, ITS Engineers | |

*Not present or represented by proxy

1. Call to Order
Chairman Alan Sanderson called the meeting to order at 10:03 AM.
2. Approval of June 1, 2005 Meeting Minutes & Introductions
Tim Wolfe moved and Bruce Dressel seconded, and it was unanimously carried to approve the minutes of the June 1st, 2005 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

The following is a summary of Program Manager's report:

- New Task Orders in ITS/TE On-Call existing contract
 - ITS Training Workshop – IDAS, Aug 23rd & 24th - KHA/Cambridge Systematics
 - ITS Outreach – new Task Order to be released, based on original SOW
- FY 2006 Projects in ITS/TE/Safety On-Call RFQ
 - Traffic Signal Optimization Program - \$ 300k + \$30k
 - ITS Planning - \$ 50k – RCN implementation, Performance Measurement, Freeway Travel Time Reliability
 - Regional ITS Architecture Update \$100k
 - ITS Training - \$18k
 - ITS Evaluation - \$68k
 - Integrated Corridor Mgmt System - \$ 230k
 - Coordinate Regional Smart Corridors - \$ 250k
- Other Projects
 - RCN implementation project \$ 1.6 million – awaiting completion of the RCN project study. Procurement process for this project is to be determined.
- FMS Working Group
 - Recommend FMS features for the future needs
 - First meeting to be scheduled in August–Tentative dates – 1:00 p.m. July 20th after AZTech Ops meeting or 1:00 p.m. Aug 3rd after ITS Committee meeting
- Arterial ITS Program

Sarath Joshua reported that TRC is expected to accelerate the funds available for Arterial ITS to first 10 years rather than 20yrs, which would increase the funding available for Arterial ITS to approx. \$5.4million per year. He also added that as 2006-2010 projects are already programmed in TIP. The funds available will be less the programmed amount in TIP till 2010.

5. Regional Communication Network Implementation Project

David Haines from Kimley-Horn distributed an updated map on the three fiber rings proposed in the RCN study. He explained the paths of all the rings. He also reported that Draft Design Concept Report for Northeast and Southeast Valley rings was ready for stakeholder review. For West Valley and Core rings the process is still in PS&E design now and it is estimated to cost nearly \$10 million to implement.

Scott Nodes asked if there was a formal procedure for including a new TMC and a new City Hall as a metropolitan hub. David Haines replied that the West Valley Ring already went through ADOT environmental clearance. He said it could be included as part of the East Valley metropolitan hub PS&E design as it also includes West Valley hubs. He requested Scott Nodes to send a formal request to ADOT stating the same.

David Haines suggested that they could bring two implementation packages. The first package could be completed with \$1.6 million that became available this year and other package to include remaining implementation.

Tim Wolfe said that the DCR would identify the cost breakdown but doesn't prioritize any location and it is the decision of this committee to prioritize the locations of implementation.

Sarath Joshua suggested that as the committee has already identified the Smart Corridors and asked if there is a way to join Smart Corridors map with RCN to prioritize RCN implementation. Chairman Sanderson suggested that questions on priority settings could be discussed in Agenda item #7 and asked committee members if they had any questions regarding RCN study.

5. Mesa ITS Strategic Plan

Alan Sanderson presented City of Mesa ITS Strategic Plan done by City of Mesa. This study identified Scope of Services, Reviewed Local ITS Applications, Needs Assessments, Took input from Departments within the city and identified the Goals and Prioritized the goals in this Strategic Plan.

6. Arterial ITS Program

Sarath Joshua introduced the topic highlighting that the committee was responsible for direction on how to invest \$50million Arterial ITS funds available in the RTP as well as funds available for RCN implementation project. Alan Sanderson pointed that the concept of Smart Corridors isn't really true when seen from cities perspective as city engineers treat every arterial in similar manner, Jim Decker concurred with Alan Sanderson's view.

Alan Sanderson suggested forming a sub-committee to identify the manner to expend the money or update the Strategic Plan and identify ways in this strategic plan for best results. Tim Wolfe added that previously Smart Corridor was to connect from one end of corridor to other end. The latest definition would be tying it with TMC with Cameras and VMS including signal control.

Faisal Saleem added that arterials supporting the freeway infrastructure and having interconnection are regionally significant are identified as Smart Corridors.

Debra Barker added that priority based on need is one thing but priority based on opportunity should also be given importance i.e. including the fiber or conduit where current work is done.

Sarath Joshua stated that since the objective of this effort is to relieve the traffic congestion and improve traffic management, arterials with high traffic volumes may deserve consideration.

Mike Mah pointed that an entire corridor is never congested its only a few sections of corridor that are congested. Ron Doubek concurred with Mike Mah.

Bruce Dressel asked if these funds are available for Operations. Sarath Joshua replied that these funds being CMAQ funds, could be used for 3 years for demonstration purposes and it will be up to local agencies to bear the costs beyond three years. Scott Nodes supported the idea of hiring a consultant and also suggested a Working Group to monitor the consultant. Alan Sanderson called in for volunteers for this Working Group.

Debra Barker, Debbie Burdette, Bruce Dressel, Scott Nodes, Ron Amaya, Faisal Saleem, Mike Mah volunteered for sub committee. Sarath Joshua stated that he would work with Working Group in drafting the scope for the consultant project.

7. Status Reports by Committee Members of ITS Activities

Ron Doubek reported that Phoenix is working on developing their ITS Strategic Plan similar to Scottsdale and Mesa. Faisal Saleem reported that Maricopa County has started Smart Corridor Phase III process. Faisal Saleem also added that Bell Road is going to bid on 27th of this month. Nick Mascia from City of Surprise reported that Maricopa County has appointed their REACT team supervisor and City of Surprise appointed their REACT coordinator.

They are in the process of developing scope for alternate routes and developing manuals and stated that they are facing difficult for procuring trucks. Ron Amaya stated that City of Peoria has two federally funded projects first one is traffic signal system. The city is waiting on approval from ADOT as they are acquiring signal system through statewide contract and also communication equipment. The second project is building a TMC for which there are planning on having a kickoff meeting for design. Mike Mah stated that as they had a new section of Santan Freeway opened they retimed signals in the vicinity using volume projections from MAG model. Punya Khanal reported that city of Avondale is about to introduce citywide Wireless Signal control system. Rick Hooker from Town of Gilbert reported that is working on building TMC. Scott Nodes from city of Goodyear is working on developing Scope of work ITS Strategic Plan. He is also working with ADOT on advancing I-10 widening project and design of interchange. Bruce Dressel told that Scottsdale is working on evaluating their software, as it is at least 15years old. Alan Hansen reported that Highway Bill had an extension of 90days. Debra Barker reported that they are having a pre-meeting to Scope RFP for statewide VMS signs. Phase 8 and 9 are going to construction. Tim Wolfe reported that Debra Barker is promoted as supervisor of all ITS projects. Mani Kumar from ADOT was also introduced to committee. He also reported that the License Plate Readers were tested and are ready to use. They allow trip time measurement but not enough vehicles are traversing the entire corridor to enable trip time generation during off peak hours. Faisal Saleem added that trip times are important during peak hours than off peak. Tim Wolfe stated that Mike Frisbie is looking forward to put these times on VMS and ADOT is working on doing the same. Tim Wolfe added that KHA is working on an RFP for Wireless Contract and is out for comments. Debbie Burdette from City of Glendale reported that they are working on Bell road in putting Fiber and detectors. She expects 90% design plans to go to ADOT later this month upon approval city plans on starting the construction in spring. City is also working on finalizing scope on putting fiber in northern part of city and "Sign Structure Aesthetic study" for various signs in city.

Faisal Saleem announced that the ITS Arizona 12th Annual Conference will be held on October 18th and are inviting papers to be presented at this conference.

8. Next Meeting Date

Next meeting date was announced as 10:00 AM on Wednesday, August 3rd, 2005.

9. Adjournment

Chairman Alan Sanderson adjourned the meeting at 11:30 AM