

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

February 1, 2006
MAG Cholla Room, 2nd Floor
302 North First Avenue
Phoenix, Arizona

MEMBERS ATTENDING

Avery Rhodes for Debbie Burdette, City of Glendale	Paul Porell for Bruce Dressel, City of Scottsdale
Alan Sanderson, City of Mesa	Jim Decker, City of Tempe
Brain Scifers for 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	Gus Woodman for Kelly LaRosa, City of Avondale
*Carrol Reynolds, Town of Buckeye	*BJ Cornwall, City of El Mirage
	*Michael Shine, Town of Queen Creek

OTHERS PRESENT

Robert Fijol, FHWA	Nolan Hess, Transcore
Girgis Girgis, ADOT	John Grant, Transcore
Faisal Saleem, MCDOT	Dave Chambers, Transcore
A. Bernshtesn, VMR	Audrey Skidmore, MAG
Milt Coleman, KCS Systems	Sarath Joshua, MAG
Doug McCants, PBS&J	Kiran Guntupalli, MAG

*Not present or represented by proxy

1. Call to Order
Chairman Alan Sanderson called the meeting to order at 10:00 AM.
2. Approval of January 4, 2006 Meeting Minutes & Introductions
Bob Ciotti moved and Ron Amaya seconded, and it was unanimously carried to approve the minutes of the January 4, 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
 - a. Status of ITS On-Call RFQ
 - On Management Committees Agenda for February 8, 2006
 - Will go forward on to Regional Councils agenda on February 22, 2006

b. ITS Brochures

The content of these brochures is now available at the MAG Web site at:

<http://www.mag.maricopa.gov/archive/itsystems/>

c. ITS Projects for FY 2005 MAG Work Program

- RCN Phase one
- Traffic Signal Optimization Program
- Integrated Corridor Mgmt System
- ITS Strategic Plan and Architecture Update
- Arterial ITS Plan
- ITS Evaluation – travel times
- PDA/Cell Phone Access to FMS Speed Map
- Data Collection System – Tempe site
- ITS Training

d. Report to TRC on Feb 23, 2006

Scott Nodes briefed on activities at MAG ITS Committee to Model Committee Chairs meeting on behalf of MAG ITS Committee Chair Alan Sanderson. Mike Ellegood requested all technical committees to do a presentation of their activities at TRC meeting. MAG ITS Committee will be reporting its activities on February 23, 2006 to TRC meeting.

5. Regional Community Network Phase One

Sarath Joshua initiated the discussion by stating the purpose of the project and jurisdiction limits and funding available for this project. He also reported that he presented and received approval from the AZTech Executive Committee for carrying out a Systems Engineering Analysis prior to actual project construction. Tim Wolfe stated that design for this project is at 95% completion and would be 100% soon. He also stated that ADOT has agreed to bid this project through their contracts and specifications. He mentioned the challenges involved in this project as it goes through four jurisdictions -- ADOT, Phoenix, Peoria, and Glendale, requiring a JPA with each of the jurisdictions. ADOT feels that this step will be the critical path in the project. Another issue mentioned by him was maintenance of the facilities after the project has been completed. Various ideas were put forward like using closeout funds, using Arterial ITS funds to maintain this facility. Sarath Joshua also mentioned that there is a need to identify funds to complete entire RCN network. Sarath Joshua mentioned that MAG is funding Systems Engineering Study with money coming from ITS Planning as the source of funds. Sarath Joshua listed the steps that may be involved in Systems Analysis Study, based on a similar process that Phoenix Transit hopes to follow:

- i. Identify the ITS elements(s) and program areas included in the project. Provide a brief description of how the ITS element(s) meets the ITS program goals.
- ii. Identify participating agencies, roles, responsibilities and positions that will participate in designing, purchasing, installing, operating, maintaining, expanding or removing the system and what their responsibility will be.
- iii. Identify what is needed to complete each system and how each element must function within the system. This includes all items necessary to complete a fully operational system including hardware, software, installation, training, etc.

- iv. Evaluate alternatives that will meet systems configuration and technology requirements and determine preferred alternatives.
- v. Identify and evaluate procurement options.
- vi. Identify the applicable standards and testing procedures from the regional ITS architecture standards section that apply to the projects ITS elements.
- vii. Identify all procedures and resources that are needed to manage, operate and maintain the projects ITS elements.

He also mentioned that some of these steps could have already been done as part of design process.

6. Draft White Paper on Freeway Management System

Tim Wolfe reported that the Draft White Paper was presented at the ADOT-MAG Freeway Issues Coordination Group meeting held in January. The group was very pleased with the White Paper and have accepted the recommendations presented in the White Paper. They suggested that the ITS Committee generate a formal recommendation to MAG including the necessary FMS programming changes, for approval through the MAG committee approval process necessary for an RTP amendment. Tim Wolfe told the committee that ADOT is implementing all the design elements suggested in White paper. Mr. Wolfe provided copies and presented a table reflecting the FMS funding requirements necessary for FMS preservation and construction over next 20 years. Alan Sanderson commended the FMS Working Group and everyone involved for volunteering their time in successfully finishing the task assigned to them. Scott Nodes suggested the terminology in White paper be updated to reflect preservation instead of maintenance, to be consistent with ADOT usage.

Tim Wolfe moved that the committee recommend that the RTP be amended to reallocate some of the RTP FMS funds for FMS preservation activities. This reallocation is to be based on the recommendations in the FMS White Paper. Paul Porell suggested rewording the motion to include all other recommendations such as performance measurement. To refresh everyone's memory, Sarath Joshua read the six part recommendations of the White Paper. ***Tim Wolfe agreed and clarified his motion to read: The MAG ITS Committee recommends that all the recommendations stated in the FMS White Paper and the be adopted by MAG, including the programming changes suggested, with all refererences in the White Paper to "maintenance" changed to "preservation". Ron Doubek seconded and it was unanimously carried to approve the motion.***

7. Status Reports by Committee Members of ITS Activities

Tim Wolfe mentioned a Senate Bill 1420 has been presented in Legislature. Alan Sanderson read out the Senate bill. It stated modifying funding allocation to accelerate construction of FMS on I-17, prior to the RTP programmed year. Tim Wolfe mentioned that Manny Agah is retiring by end of February. He also mentioned that ADOT has now access to DPS CAD system and is now working to get the same at MCDOT. Sarath Joshua asked if the system is integrated with HCRS. Tim Wolfe mentioned that for now it is a manual process to enter data into HCRS. Lt. Lockhart commended ADOT for Freeway Service Patrol and told that they are working with ADOT to replace old FSP vehicles. Nick Mascia apologized for not making to last meeting due to unforeseen circumstances. He reported that Surprise has

received a REACT vehicle from MCDOT for incident response and have hired a full-time person for the job. City of Surprise is also documenting the process. Mary Kihl updated the committee that ASU is in final stage of hiring a couple of professor positions in Planning and in Engineering. She also mentioned about events at TRB and expressed interest in Elderly traveler information system as part of 511. Brian Scifers updated committee about ITS activities in Chandler. Alan Sanderson updated committee that he testified at legislature on Tuesday against universal 4-second yellow time in local jurisdictions. Mesa is working on west loop fiber project. Ron Amaya updated that Peoria is working on purchasing i2 TMS signal system very soon. Bob Ciotti updated that they are going ahead in modifying fare boxes in transit buses. He also mentioned that they started express route from Surprise to downtown Phoenix. Nicholaas Swart updated that on January 19, 2006, the traveler information system at the Phoenix Rental Car Facility was opened. Ron Doubek told that they are starting to work on installing emergency preemption units at rate of 100 intersections per year. He updated that they are using Tomar Signal Preemption System. Glendale has three ongoing ITS projects. Paul Porell updated that they finished installing 31 new CCTV cameras. They are made possible through franchise agreement with Qwest, using T1 lines from Qwest. Total CCTV cameras in Scottsdale are 58. Paul mentioned these are invaluable in managing major events like Barrett Jackson auto auction held last week and FBR Golf tournament. They are also using 511 systems for traveler information. Scottsdale also updated that they started photo enforcement on Loop 101. This system will be issuing warnings till February 20, 2006 and will start issuing citations for vehicles traveling 11 miles over speed limit. He also mentioned Scottsdale is testing a electromagnetic vehicle detection technology and looks like that it is very effective. He also mentioned an item of information to committee members to also think about air conditioning unit when designing a TMC as Scottsdale is facing pretty warm temperature as the equipment in TMC increases. Sarath Joshua asked if Scottsdale is doing any before and after study for photo enforcement on Freeways. Paul Porell reported affirmatively and told that they formed a committee along with ADOT, DPS, Court system and Insurance Institute of Highway Safety to do this evaluation and working on contracting Simon Washington at ASU to perform this study.

8. Next Meeting Date

Next meeting date was announced as 10:00 AM on Wednesday, March 1, 2006.

9. Adjournment

Chairman adjourned the meeting at 11:25 AM