

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

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

MEMBERS ATTENDING

*Debbie Burdette, City of Glendale	Paul Porell for Bruce Dressel, City of Scottsdale
Alan Sanderson, City of Mesa	Jim Decker, City of Tempe
Mike Mah, City of Chandler	*Tim Wolfe, ADOT
*Ken-Ichi Maruyama, Town of Gilbert	Ron Amaya, City of Peoria
Nicolaas Swart, Maricopa County	Scott Nodes, ADOT
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
*Thomas Chlebanowski, Town of Buckeye	*BJ Cornwall, City of El Mirage
Michael Pacelli, Town of Queen Creek	
Arkady Bernshteyn, Valley Metro Rail	

OTHERS PRESENT

Faisal Saleem, Maricopa County	Douglas McCants, PBS&J
Ade Ashaye, ADOT	Bill Meador, Compel
Micah Henry, ITS Engineers	Nolan Hess, TransCore
Robert Binkley, Binkley Consulting	Tomas Guerra, OZ Engineering
Sarath Joshua, MAG	Kiran Guntupalli, MAG
Leo Luo, MAG	

*Not present or represented by proxy

1. Call to Order
Chairman Alan Sanderson called the meeting to order at 10:10 AM.
2. Approval of July 5, 2006 Meeting Minutes and Introductions
A few corrections were identified for attending members. Mike Mah moved to approve minutes, Ron Amaya seconded and it was unanimously carried to approve the minutes of the July 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 addressed the following items in his report:
 - ITS On-Call Contract Status
He mentioned that the ITS On-Call Contracts were at the final drafting stage and would be

signed by the end of August 2006.

- **Traffic Signal Optimization Program**

The traffic signal optimization projects will be launched in fall, 2006. A call for projects will be sent out soon. A few volunteers from the ITS committee will be required to set up the criteria for the program, review and select projects into the program. It may take two meetings with one and a half hours each.

- **FHWA Request for Comments on Real-Time System Management Information Program**

Leo Luo made a brief presentation on this item. Alan Hanson emphasized that the program was on the request for comments stage. The proposed requirements were not finally decided. Nicolaas Swart asked if the travel time requirement includes travel time shown on the DMS. Alan Hanson replied that it was one of the goals of FHWA. Paul Porell mentioned that one of the major problems is the operating cost of putting travel time on DMS. Faisal Saleem added that the detector quality is also a barrier for travel time information. Alan Sanderson commented that the program might need to address the maintenance and operation cost. Alan Hanson suggested utilizing STP funds to address this issue while CMAQ funds had the limitation. Sarath Joshua mentioned that the projects with recurring cost were actually discouraged since only one project, the FSP project, was programmed in the past. Other projects are mainly building and implementing new facilities. Because of the demand for STP funds in MAG region, ITS programs can only get CMAQ funds.

5. Arterial ITS White Paper

Sarath Joshua briefed the committee the structure and the contents of the Arterial ITS White Paper. He mentioned that additional information might be required for the projects proposed by member agencies. Alan Hanson commented that the process including the Systems Engineering Analysis (SEA) was appropriate. FHWA will provide guidance for SEA. Paul Porell asked how to incorporate the SEA in the project development process. Sarath Joshua explained that consultant who is responsible for the project design during the project development process could conduct the SEA. Paul asked if MAG could have consultant specialized in SEA onboard to conduct the analysis for member agencies. Alan Hanson mentioned that the purpose of SEA is for member agencies to clearly address the issues such as maintenance, operations and etc. in a specific project. It is difficult for MAG to do so. The complexity of the SEA varies depending on the projects. Paul expressed his concern on the uniformity of the SEA. Alan Hanson suggested that MAG could provide the general guidance for SEA in this region so that member agencies could follow with uniformity. Bob Ciotti briefly introduced their SEA experience in Vehicle Management System in RPTA.

6. The Regional Archived Data Server (RADS)

Tomas Guerra from OE Engineering made a presentation on the RADS. The latest development is to archive filtered incident data from Phoenix Fire Department. RADS is also anticipating TMC sensor data as well as DMS data. Currently, RADS is providing travel time to the public by getting the sensor data from FMS. It also provides travel time, speed, map and incidents on major freeways from Sky Harbor Airport rental car center to different destinations. Faisal Saleem added that the Phoenix Fire Department incident project provided 3000 incidents to the system per month in addition to the HCRS's 3600 incidents per month. Sarath Joshua briefed the committee the history of the RADS project. He also confirmed with Mr. Guerra that incident data of other fire departments in the East Valley – such as Mesa is not part of the Phoenix Fire Department dispatch system. The data from East Valley is still not available in RADS. The Phoenix Fire project illustrated a good example to share information with other agencies. Alan Anderson also mentioned that a high-ranking

project in Mesa involves sharing of filtered data with police and fire dispatch systems. Mr. Guerra responded to Mike Mah indicating that travel time information is now available on AZ511 website. With the upgraded address, new domain name will be used. Ron Doubek mentioned that the RADS website does not automatically refresh.

7. Status Reports by Committee Members of ITS Activities

Ron Amaya reported on the development of Peoria's signal system. Ron Doubek mentioned that 3M has filed a lawsuit against Tomar. City of Phoenix is not part of the parties involved in the lawsuit and will proceed as normal. He also mentioned that Mike Frisbie has left City of Phoenix and joined URS. Michael Pacelli mentioned that Town of Queen Creek adopted to include Mesa's East Street conduit configuration. Mary Kihl mentioned that ASU was hoping to establish a University Transportation Center and is preparing to apply for a USDOT grant by August 15, 2006. ITS would be a key research area in the Center. Arkady Bernshteyn emphasized that Valley Metro Rail would not overlook ITS components on the rail side. He briefly introduced the ITS applications in Valley Metro Rail including rail signal system, backbone communications, CCTV, DMS, sharing video and travel information data with cities and sharing incident information with police and fire department. Mike Mah mentioned that Brian Scifers was leaving City of Chandler and that Chandler will have more openings in the coming fiscal year. Alan Sanderson mentioned that Mesa has a conduit fiber device project along Broadway going to bid through ADOT. Mesa Transportation director, Jeff Kramer left Mesa and started as Assistant Public Works Director for Transportation in Chandler. Scott Nodes introduced Ade Ashaye from ADOT to the committee. She is in ADOT's engineering training program.

8. Next Meeting Date

Next meeting date was announced as 10:00 a.m. on Wednesday, September 6, 2006.

9. Adjournment

Chairman Alan Sanderson adjourned the meeting at 11:25 AM