

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

December 2, 2009  
MAG Cholla Room, 2nd Floor  
302 North First Avenue  
Phoenix, Arizona

**MEMBERS ATTENDING**

Lydia Warnick for Scott Nodes, ADOT  
\*\*Soyoung Ahn, ASU  
Margaret Boone-Pixley for Gus  
Woodman, City of Avondale  
\*\*Thomas Chlebanowski, Town of  
Buckeye  
Mike Mah, City of Chandler  
Jenna Mitchell, DPS  
Jerry Horacek, City of El Mirage  
Jennifer Brown, FHWA  
Kurt Sharp, Town of Gilbert  
Avery Rhodes for Debbie Albert, City  
of Glendale

Luke Albert, City of Goodyear  
Faisal Saleem for Nicolaas Swart, Maricopa  
County  
Derrick Bailey, City of Mesa  
Steve Blair for Ron Amaya, City of Peoria  
Marshall Riegel, City of Phoenix  
\*Bob Ciotti, Phoenix Public Transit  
\*Michael Pacelli, Town of Queen Creek  
Bruce Dressel, City of Scottsdale  
Brian Moberly for John Abraham, City of  
Surprise  
\*Jim Decker, City of Tempe  
Arkady Bernshteyn, Valley Metro Rail

**OTHERS PRESENT**

Darrell Bingham, ADOT  
Bo Gao, TransCore  
Patrick Pitsch, ENS  
Beverly Smith, ITS Engineers  
Armand Ciccarelli, PBS&J  
Gary Rylander, Rylander Consulting  
Art Brooks, Strand  
Sarath Joshua, MAG  
Leo Luo, MAG

Lisa Burgess, KHA  
Yung Koprowski, Lee Engineering  
Jason Watson, Horrocks Engineering  
Don Wiltshire, Y.S. Mantri  
Reed Condie, ITS Engineers  
Richard Weeks, AECOM  
Caroline Addington, International  
Telecommunications  
Kiran Guntupalli, MAG

\*Not present  
\*\* Via teleconference

1. Call to Order  
Acting Chairman Luke Albert called the meeting to order at 10:00 AM.
2. Approval of November 10, 2009 Meeting Minutes  
Derrick Bailey moved, Margaret Boone-Pixley seconded and it was unanimously carried to approve the minutes of the meeting held on November 10, 2009.

3. Call to Audience

Acting Chairman Luke Albert made a call to the audience providing an opportunity for any members of the public to address the ITS Committee. No comments were received.

4. Program Manager's Report

Mr. Sarath Joshua addressed the following items in his report:

- Status of RCN Phase 1A project

Ms. Lydia Warnick from ADOT was requested highlight progress of the RCN Phase 1A construction project. She mentioned that ITS Engineers is nearing completion of the installation of RCN Active Electronics devices at member agencies. The West Valley ring has been completed. ADOT held Partnering Reward ceremony to recognize the firms for completion of the fiber and conduit project. Ryan Gish from ADOT is working with Brian Moberly from Surprise and Bob Steele from Maricopa County to configure the Camera Chameleon for the West Valley Ring. She noted that it is essential that member agencies configure their agency equipment to the assigned IP schemes to allow Camera Chameleon system to function on the RCN network. In addition, Ironview network management workstations will be installed at ADOT and at MAG. She also mentioned that a regional video conferencing system will be acquired in the near future. A recent version of the RCN Roles and Responsibility document and RCN governance document were distributed to the RCN working group. The final comments from the ITS Committee are expected to be received by next Wednesday, December 9, 2009. Sarath Joshua added that each agency should make sure the multicasting function is configured to follow the regional IP addressing scheme to prevent network failure.

- Approvals for ITS projects

The Non-Recurring Congestion project has been approved by Regional Council. The contract with Lee Engineering team is under development. The FY2010 TSOP projects are expected to be approved by Regional Council on December 9<sup>th</sup>. The FY2014 TIP ITS projects will be discussed at the December 14, 2009 TRC meeting. The ITS Committee has recommended that all 13 requested ITS projects be programmed with the final federal cost adjusted to match total available funds, based on the agency funding request.

- Synchro Training Workshop

Mr. Leo Luo reported that a total of 18 agency personnel have registered to attend the 2010 Synchro Training Workshop scheduled to be held January 27 through January 29, from 8:00 AM to 5:00 PM. The workshop will be held at Maricopa County's training facility. Sarath Joshua confirmed with Margaret Boone-Pixley that the training is free for MAG member agencies.

- FY2011 MAG Work Program

Mr. Sarath Joshua briefly explained the MAG Unified Planning Work Program (UPWP). He also asked for suggestion from the committee members for the new idea for projects. One of the potential projects he suggested is to provide travel time information utilizing the private vendor's data. He also mentioned that the private vendors also have partnering agencies listed on their website. Darrell Bingham mentioned that the data does not include count, occupancy and classification data that ADOT is also looking for. Sarath Joshua agreed that the data is mainly for traveler information purpose. The annually cost for obtaining both the arterial and freeway data is about \$75,000 for the region, \$100,000 for the State. He also pointed out that the arterial traffic data is less solid than the freeway data.

- Dynamic Traffic Assignment Workshop

In response to a request from Sarath Joshua, Ms. Jennifer Brown of FHWA reported on the Dynamic Traffic Assignment Workshop that was sponsored by FHWA and held at MAG on November 20th. The workshop explained the concept of Dynamic Traffic Assignment, Mesoscopic Simulation and Multi-Resolution Simulation and Assignment. MAG's current effort of developing a region-wide DTA model was also introduced. Sarath Joshua briefly explained the significance of Dynamic Traffic Assignment as opposed to the current practice of Static Assignment and the potential significance and the role of the DTA models as tools for operations and operational planning.

5. ITS Evaluation Project

Mr. Sarath Joshua suggested an ITS Evaluation project to establish a web-based application reporting the region's ITS infrastructure and operation status. He demonstrated the system the Puget Sound area has developed. A draft scope of work will be sent to the ITS Committee members.

6. City of Surprise TIP Project Change Request

Mr. Brian Moberly from City of Surprise made a brief presentation on the requested change for the TIP project SUR11-715. The original scope of the project involved the design and implementation of fiber optic communication path along Peoria Avenue from Litchfield Road to Jackrabbit Road. Due to the downturn in the economy and right-of-way issues, the City of Peoria now wishes to modify the limits of the project, replacing the section of Peoria Avenue from Cotton Lane Road to Jackrabbit Road with a new section on Litchfield Road from Peoria Avenue to Greenway Road. The overall length of the fiber optic path and costs remain unchanged. **Steve Blair moved, Bruce Dressel seconded and it was unanimously carried to approve the City of Surprise's request for changing the project limits on SUR11-715.**

7. City of Chandler TIP Project Change Request

Mr. Mike Mah from City of Chandler made a brief presentation on the requested of change for the TIP project CHN11-704. The original scope of the project involved installing fiber optic communication path to link traffic signals along Arizona Avenue from Pecos Road to Riggs Road. The City of Chandler wishes to expand the limits of this project to be able to connect the signals to the City's Traffic Management Center by adding the section from Pecos Road to the City TMC without any additional cost. **Steve Blair moved, Faisal Saleem seconded and it was unanimously carried to approve the City of Chandler's request for changing the project limits on CHN11-704.**

8. Status Reports by Committee Members on ITS Activities

Mr. Thomas Chlebanowski from Town of Buckeye mentioned that the Miller Road ITS project is in scoping stage. Mr. Faisal Saleem mentioned that Maricopa County completed 75 percent design on 99th Avenue ITS project, 40 percent on Olive Road project and 40 percent on the Bell Road TMS project. Mr. Steve Blair mentioned that the equipment for the Peoria TMC are expected to be installed in January, 2010. Mr. Brian Moberly mentioned that the City of Surprise and Maricopa County conducted system acceptance on the Bell Road Phase 2 project. Ms. Margaret Boone-Pixley mentioned that the Avondale TMC project is under development. The scope of work has been revised to include a System Engineering Analysis in the DCR. Ms. Lydia Warnick mentioned that she will be away on maternity leave for 12 weeks starting tomorrow. She asked that questions related

to RCN be directed to Farzana Yasmin and Ryan Gish. Kurt Sharp from the Town of Gilbert mentioned that the town-wide signal optimization project has completed the survey of existing conditions. New signal timing is expected to be implemented in January 2010. Mr. Sarath Joshua mentioned that Nicholaas Swart has been appointed as new ITS Committee Chair, replacing Mr. John Abraham who moved to California. Ms. Debbie Albert has been appointed as the Vice Chair. Both of them were unavailable for today's meeting.

9. Request for Future Agenda Items

No agenda item requests were received from committee members.

10. Next Meeting Date

Next meeting date was announced as 10:00 a.m. on Wednesday, January 6, 2010 at MAG.

11. Adjournment

Acting Chairman Luke Albert adjourned the meeting at 10:50 a.m.