

July 27, 2011

TO: Members of the MAG Intelligent Transportation Systems Committee
FROM: Debbie Albert, City of Glendale, Chair
SUBJECT: MEETING NOTIFICATION AND TRANSMITTAL OF TENTATIVE AGENDA

Wednesday, August 3, 2011- **9:30 a.m.**
20th floor East Conference room
City of Phoenix Office
200 West Washington Street, Phoenix

A meeting of the ITS Committee has been scheduled at the time and place noted above. Committee members or their proxies may attend **in person or by telephone conference call**. Those attending by telephone conference call please contact MAG offices for conference call instructions.

Please park in the garage under the MAG building, bring your ticket, parking will be validated. For those using transit, Valley Metro/RPTA will provide transit tickets for your trip. For those using bicycles, please lock your bicycle in the bike rack in the garage.

In 1996, the Regional Council approved a simple majority quorum for all MAG advisory committees. If the ITS Committee does not meet the quorum requirement, members who have arrived at the meeting will be instructed a legal meeting cannot occur and subsequently be dismissed. Your attendance at the meeting is strongly encouraged.

Pursuant to Title II of the Americans with Disabilities Act (ADA), MAG does not discriminate on the basis of disability in admissions to or participation in its public meetings. Persons with a disability may request a reasonable accommodation, such as a sign language interpreter, by contacting Jason Stephens at the MAG office. Requests should be made as early as possible to allow time to arrange the accommodation.

If you have any questions regarding the meeting, please contact Sarath Joshua at (602) 254-6300.

TENTATIVE AGENDA

COMMITTEE ACTION REQUESTED

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| <ol style="list-style-type: none">1. <u>Call to Order</u>2. <u>Approval of the June 1, 2011 Meeting Minutes</u> | <ol style="list-style-type: none">2. Review and approve minutes of the meeting held on June 1, 2011. |
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3. Call to Audience

An opportunity will be provided to members of the public to address the ITS Committee on items not scheduled on the agenda that fall under the jurisdiction of MAG, or on items on the agenda for discussion but not for action. Members of the public will be requested not to exceed a three minute time period for their comments. A total of 15 minutes will be provided for the Call to the Audience agenda item, unless the ITS Committee requests an exception to this limit. Please note that those wishing to comment on action agenda items will be given an opportunity when the item is heard.

4. Program Managers Report

The following items will be discussed:

- Non-recurring Congestion Study Update
- FY2015 TIP Programming Update
- RCN Update

5. Potential Use of Mesoscopic Simulation Modeling for Operations Planning

Until recently, there was a lack of reliable areawide traffic simulation models that could be utilized for ITS operations planning. An emerging class of new simulation models that have incorporated Dynamic Traffic Assignment offers much promise. These are called mesoscopic models, and they are able to utilize travel demand data from any regional travel demand model and produce very realistic simulation results.

Over the past two years, MAG staff have been developing the capability to utilize the mesoscopic simulation model, Dynus-T, with support from the University of Arizona. A regional Dynus-T model has been developed that could be utilized to evaluate and refine areawide ITS traffic operations strategies. To test and demonstrate the model's capabilities, the Dynus-T model was applied to simulate a major freeway crash that occurred on I-10

3. For information and discussion.

4. For information and discussion.

5. For information and discussion.

westbound just past US60 on February 4, 2010. This crash resulted in grid-lock for several hours around the affected area. The simulation utilized actual field data provided by DPS, ADOT, and other MAG member agencies. A brief presentation on the results of the simulation model will be provided.

6. FY2012 TSOP Projects

A total of \$400,000 is available for FY2012 TSOP program. The future TSOP projects process, selection criteria, cost standard and other issues will be discussed at the meeting.

7. ITS Planning for Small Community

A study aimed at developing guidelines to assist small jurisdictions in planning for ITS developments is underway. On May 18, 2011, a workshop was held to provide a briefing to local agencies and to seek input to guide the study. A survey was circulated to gather more detailed information. A brief update will be provided on the status of the study.

8. Reports by Committee Members

Members will be provided an opportunity to share information on-going ITS related activities in their jurisdictions.

9. Request for Future Agenda Items

Topics or issues of interest that the ITS Committee would like to have considered for discussion at a future meeting will be requested.

10. Next Meeting Date and Place

The next committee meeting is scheduled to be held at 10:00 a.m. on Wednesday, September 7, 2011. The meeting will be held in the Ironwood Room at MAG, 2nd Floor.

11. Adjournment

6. For information and discussion.

7. For information and discussion.

8. For information and discussion.

9. For information and discussion.

10. For information and discussion.