

August 24, 2010

TO: Members of the MAG Intelligent Transportation Systems Committee
FROM: Nicolaas Swart, Maricopa County, Chair
SUBJECT: MEETING NOTIFICATION AND TRANSMITTAL OF TENTATIVE AGENDA

Wednesday, September 1, 2010- **10:00 a.m.**
MAG Office Building, 2nd Floor, Cholla Room
302 North First Avenue, 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, by video conference or by telephone conference call**. Those attending by video conference must notify the MAG site three business days prior to the meeting. Those attending by telephone conference call please contact MAG offices for conference call instructions.

Please park in the garage under the 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

	<u>COMMITTEE ACTION REQUESTED</u>
1. <u>Call to Order</u>	
2. <u>Approval of the July 7, 2010 Meeting Minutes</u>	2. Review and approve minutes of the meeting held on July 7, 2010.

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:

- RCN Project Update
- Non-Recurring Congestion Study
- Update on FY2015 TIP Programming
- Next cycle of TSOP projects

5. Process for No-Cost Service Additions to the Regional Community Network (RCN)

At the July 7, 2010 meeting, the committee approved three specific types of no-cost service additions to the RCN. In a follow-up activity, the RCN Working Group has developed and recommended a No-Cost Service Addition Policy and an application form to be used in formalizing the application process for future add-on services (See Attachment One). This document has already been reviewed and approved by the MAG Technology Advisory Group. Upon committee approval this becomes part of the formal MAG process for consideration of future RCN add-on services that may be requested by member agencies.

6. Ramp Meter Controllers and Central Control System Upgrade

When the Freeway Management System was

3. For information and discussion.

4. For information and discussion.

5. For information, discussion and possible action to recommend the RCN No-Cost Service Addition Policy and Application Form.

6. For information and discussion.

first designed and built by ADOT, model 179 controllers were installed to perform the ramp metering function. These controllers are now well past the end of their life cycle. The FMS Central Control System (CCS), as first configured, was unable to control or retrieve data from the 179 controllers, or support AZ511 and data archiving functions. To address this and other FMS related needs, ADOT initiated a project in 2008 to define the requirements for an upgraded CCS, with a central control module for ramp metering. Due to a recent breakdown of the old CCS, this project was expedited by ADOT and a new CCS, based on the TransSuite platform, installed utilizing FMS funds. The new CCS includes a ramp metering module. The addition of this particular functionality to the FMS addresses one of the recent FMS recommendations by the committee. A briefing on the functional changes due to the new CCS and other opportunities will be provided by ADOT.

7. Maricopa County TIP Project Change Request

In the FY 2011 TIP, Maricopa County is the lead agency for a joint project (Project No. MMA11-723) that also involves the City of Glendale and the City of Surprise. The original project scope planned to construct Dynamic Message Signs and install fiber conduit and cable along Bell Road from Loop 303 to 75th Avenue. The County is seeking a committee recommendation to approve a scope change that would replace two (2) DMSs with two (2) CCTV cameras, and also amend the project limits from 115th Avenue to 55th Avenue. This scope change would result in a reduction of total project cost from \$841,870 to \$546,000. The proposed change would keep the currently approved federal funding unchanged at \$382,200. The local share will be reduced from \$459,670 to \$163,800. The requested change would still meet the MAG requirement that all federally funded ITS projects show a 30 percent local match.

7. For information, discussion and possible action to recommend the changes to the TIP project MMA11-723 as requested by Maricopa County.

8. TIP Project Change Requested by the City of Surprise

The City of Surprise requests a committee recommendation for the approval of changes to projects: SUR12-818 and SUR13-901 programmed in the TIP for FY 2012 and FY 2013 respectively. The changes to SUR12-818 are necessary because conduit, pull boxes and optical fiber has already been installed as part of the Bell Road Resurfacing Project between Loop 101 and 195th Avenue. The City of Surprise seeks approval to add two (2) DMSs and shorten the project length along Bell Road. The proposed changes will reduce the local share from \$1,203,783 to \$426,950. The total project cost will be \$1,423,167.

For project SUR13-901, the original scope was to establish fiber communications along Cotton Lane from Peoria Avenue to Bell Road for the purpose of connecting traffic signals, CCTVs and DMSs. Close coordination with ADOT has resulted in the installation of conduit required for fiber along Loop 303 that could be utilized by the city. The City of Surprise is requesting committee recommendation to approve a change to the scope to install optical fiber in the conduit along Loop 303 from Peoria Avenue to Bell Road and along Bell Road from Loop 303 to Surprise TMC for no additional federal funding. The local share will be reduced from \$1,500,000 to \$322,901. The total cost of the project will be \$1,076,339.

9. Status Reports by Committee Members

Members will be provided the opportunity to report on-going ITS related activities in their jurisdictions.

10. Request for Future Agenda Items

Members will have the opportunity to suggest future agenda topics.

11. Next Meeting Date

8. For information, discussion and possible action to recommend the changes to the TIP projects SUR12-818 and SUR13-901 as requested by City of Surprise.

9. For information and discussion.

10. For information and discussion.

The next committee meeting is scheduled to be held at 10:00 a.m. on Wednesday, October 6, 2010.

12. Adjournment

11. For information and discussion.