

September 14, 2006

TO: Members of the MAG Telecommunications Advisory Group
FROM: Greg Binder, Phoenix, Chairman
SUBJECT: MEETING NOTIFICATION AND TRANSMITTAL OF TENTATIVE AGENDA

Thursday, September 21, 2006, 10:00 a.m.
MAG Office, Suite 200, Palo Verde Room
302 North 1st Avenue, Phoenix

A meeting of the MAG Telecommunications Advisory Group (TAG) will be held at the time and place noted above. Members of the Telecommunications Advisory Group may attend in person, by videoconference or by telephone conference call. Those attending by telephone conference call are requested to call 602-261-7510 between 9:55 a.m. and 10:00 a.m. After the prompt, please enter the meeting ID number 624824 (MAGTAG) on your telephone key pad followed by the pound key. If you have a problem or require assistance, dial 0 after calling the number above. Those attending by videoconference must make arrangements with Craig Chenery at MAG and your site coordinator by Tuesday prior to the meeting.

If you are attending in person, please park in the garage under the building. Bring your ticket to the meeting, parking will be validated. For those using transit, the Regional Public Transportation Authority will provide transit tickets for your trip. For those using bicycles, please lock your bicycle in the bike rack in the garage.

Please be advised that under procedures approved by the MAG Regional Council on June 26, 1996, all MAG committees need to have a quorum in order to conduct business. A quorum is a simple majority of the membership, or 9 people for the MAGTAG. **If you are unable to attend the meeting, please make arrangements for a proxy from your jurisdiction to represent you.**

If you have any questions or need additional information, please contact Heidi Pahl at (602) 254-6300.

TENTATIVE AGENDA

ADVISORY GROUP ACTION REQUESTED

1. Call to Order and Roll Call

2. Call to the Audience

An opportunity will be provided to members of the public to address the MAG Telecommunications Advisory Group (TAG) 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 Chair of the MAGTAG requests an exception to this limit. Please note that those wishing to comment on action agenda items will be given an opportunity at the time the item is heard.

3. Approval of March 16, 2006 Meeting Minutes

4. Transportation Technology

As part of the Information Sharing Working Group initiative to inform the TAG and others on various telecommunications issues, one agenda item each meeting will be devoted to an informational telecommunications-related issue. For this informational session, four guest speakers will discuss transportation technology initiatives.

Arkady Bernshteyn, Valley Metro, will discuss light rail technology projects.

Nancy Steptoe will discuss Phoenix Transit technology projects such as the vehicle tracking system, and electronic fare box.

Sarath Joshua, MAG, will discuss Intelligent Transportation Systems (ITS) projects.

2. For information.

3. Review and approve March 16, 2006 meeting minutes.

5 minutes

4. For information and discussion.

90 minutes

Audrey Skidmore, MAG, will provide an update on the Regional Community Network (RCN).

Please invite interested parties from your agency to attend this information sharing session to learn about transportation technology initiatives.

5. MAGTAG Working Group Projects

MAGTAG, members requested that the Information Sharing Working Group arrange informational sessions on telecommunications related issues for future MAGTAG meetings. An update will be provided.

6. Announcements and Public Input

An opportunity will be provided to Committee members and members of the public to address the MAGTAG.

7. Date of Future Meetings

MAGTAG meetings are held every other month. The next meeting of the MAGTAG is scheduled for Thursday November 16, 2006 at 10:00 a.m. in the Palo Verde room of the MAG offices.

5. For information and discussion.
5 minutes

6. For information and discussion.
5 minutes

7. For information and discussion.
5 minutes

MINUTES OF THE
MARICOPA ASSOCIATION OF GOVERNMENTS
TELECOMMUNICATIONS ADVISORY GROUP

March 16, 2006
MAG Office
302 North First Avenue
Phoenix, Arizona

MEMBERS ATTENDING

Greg Binder, Phoenix, Chair

*Kevin Hinderleider, Avondale

Dee Hathaway, Buckeye

✓ Jim Keen, Carefree

*Patrick Hait, Chandler

**Pat Timlin, El Mirage

**Mike Ciccarone, Fountain Hills

**Shawn Woolley, Gilbert

Ajay Joshi, Glendale

*Dale Shaw, Mesa

**Duncan Miller, Paradise Valley

*John Imig, Peoria

Lester Godsey, Queen Creek

*Kevin Sonoda, Scottsdale

Randy Jackson, Surprise

**Dave Heck, Tempe

*Chuck Brown, Tolleson

*Randi Alcott, RPTA

*Members neither present nor represented by proxy.

OTHERS PRESENT

Randal Rios, Phoenix

**Mark Goldstein, IRC

Audrey Skidmore, MAG

Heidi Pahl, MAG

Steve Gross, MAG

**Lyn Gillean, Queen Creek

**Dave Reinhold, Queen Creek

Arkady Bernshteyn, Valley Metro Light Rail

**Participated via telephone conference call.

✓ Participated via video conference call.

1. Call to Order

The meeting was called to order at 10:01 a.m. by Chair Greg Binder. Voting member Jim Keen attended via videoconference and voting members Pat Timlin, Mike Ciccarone, Shawn Woolley, Duncan Miller, and Dave Heck attended via telephone conference call. All members introduced themselves.

2. Call to the Audience

No comments were made by the audience.

3. Approval of the January 19, 2006 Meeting Minutes

It was moved by Randy Jackson seconded by Ajay Joshi and unanimously recommended to approve the January 19, 2006 meeting minutes.

4. Edge City Telecommunications Interests and Phoenix Sky Harbor Wi-Fi Implementation

Greg Binder thanked the guest speakers for attending the meeting. Randy Jackson gave a presentation on the city of Surprise Community Technology initiative, current issues and emerging technologies. Randy Jackson said that Surprise is trying to find the right recipe to provide citizens with the most advanced technology by the medium of their choice.

Shawn Woolley asked if Surprise had thought about how other cities are abandoning wired for wireless and how this might impact their fiber to the home (FTTH) model. Randy Jackson replied that cable television will not be wireless and Surprise is trying to integrate phone, Internet and TV to the home with a goal of 60-100 MB bandwidth by 2008. He said that Wi-Fi is an important part of the picture but not the whole picture.

Mark Goldstein asked what power company services the city of Surprise. Randy Jackson replied APS. Mark Goldstein said that is good, because APS is doing a broadband trial in Cottonwood, AZ.

Shawn Woolley said that Scottsdale and Tempe left open their Wi-Fi RFPs for other cities to use. Randy Jackson said that Surprise has liberally sampled those RFPs.

Greg Binder asked if Surprise is doing this project as a response to pressures of growth. Randy Jackson replied that in Surprise, growth drives everything.

Audrey Skidmore asked how telecom providers are handling the news of Surprise possibly becoming the last mile provider. Randy Jackson mentioned that he has had discussions with a lot of the vendors and his city council approved the presentation on the subject, but it has not gone any further.

Lester Godsey, Town of Queen Creek, gave a presentation on their Request for Qualifications (RFQ) for a: Wi-Fi network across the town, wired/fiber network concentrating on commercial and industrial areas, ITS Master Plan and evaluation of all the towns existing codes and ordinances.

Lester Godsey stated that Cable America services Queen Creek and they are going to be Cox in mid 2006. Mr. Godsey thanked Surprise for their permitting system and Gilbert for their assistance with the Queen Creek initial telecom assessment.

Randy Jackson said that regional opportunities exist and that all cities have the same goals they just look at them differently.

Lester Godsey said the NeoReach wireless option is attractive to Queen Creek due to other nearby cities having NeoReach wireless. Citizens could drive from Queen Creek to Tempe using the same wireless network.

Shawn Woolley said that Queen Creek should ensure their city ordinance addresses the issue of Cox and Qwest not sharing conduit in the same trench.

Audrey Skidmore asked if any Queen Creek departments are parochial about the fiber. Lester Godsey said no, all Town Departments work well together.

Randy Jackson said that in Surprise the departments realized they can no longer be silos of information. Greg Binder asked if the collaboration among stakeholders included non-city stakeholders. Randy Jackson said that with the survey of citizens, Surprise residents will become part of the process and businesses and developers interests are trying to be folded into this process too. Mr. Jackson said Surprise does not know what legislative reaction will come from a plan that includes a city-wide telecom network.

Audrey Skidmore asked if Surprise intends to use FTTH for city services. Randy Jackson said that city services will use this fiber.

Lester Godsey said that Queen Creek hopes to follow city of Mesa's standards for E-Streets. He said Queen Creek will have conduit for industrial, commercial and municipal use.

Arkady Bernshteyn asked how cities justify the cost of a Wi-Fi network. Greg Binder responded that this is a good question and an issue that should be explored at future MAGTAG meetings. Lester Godsey responded that Queen Creek citizens were surveyed and the survey results showed they wanted increased telecom access/service. He added that they also justify the cost because it is being used by police and fire so it has a critical safety component. Randy Jackson said they are planning wireless around commercial and retail areas because vendors find it more cost effective and they are more willing to install telecom in those areas than to the home. Mark Goldstein remarked that they have proved the concept of Wi-Fi along 30 miles of the Canamex corridor and now they need to market the concept.

Ajay Joshi mentioned that the city of Glendale uses Verizon wireless for Glendale employees in the field. Shawn Woolley noted that Gilbert is doing something similar to Glendale and it works well. Lester Godsey said that Sprint is the only wireless provider for Queen Creek. Shawn Woolley mentioned that the Sprint Nextel merger should provide better service.

Randy Rios, City of Phoenix, discussed Phoenix Sky Harbor International Airport implementation of Wi-Fi. Since December 19, 2005, wireless Internet service has been provided free of charge to Sky Harbor visitors. It is available on both sides of security, in retail areas and near the gates at the airport. He gave a presentation and distributed a handout.

Audrey Skidmore asked if Phoenix Sky Harbor has had trouble with people spoofing hotspots. Randy Rios said that peer-to-peer wireless networks have been detected and shut down. He added

that they have not experienced any mimicking of their Web site. He said that Phase II of the project will address expansion and redundancy.

5. MAGTAG Working Group Projects

Randy Jackson mentioned that the MAGTAG Information Sharing Working Group continues to meet every other month to brainstorm and discuss topics and guest speakers of interest to the membership. Audrey Skidmore said that a future information sharing topic is Information Life Cycle Management. Mr. Jackson invited interested MAGTAG members to attend the next Information Sharing Working Group meeting. Lyn Gillean suggested e-mail retention policies as a future information sharing topic. Greg Binder suggested a legislative update on future MAGTAG agendas.

6. Announcements and Public Input

Mark Goldstein provided an Arizona Telecommunications and Information Council (ATIC) update. ATIC'S next public meeting is scheduled for Thursday, April 20, 2006 from 2-4 p.m. This meeting will focus on cyber security issues and Arizona legislative initiatives in that area. Mr. Goldstein said that ATIC is wrapping up the wireless project with a report due this month. He said that it is a 30 mile piece of the I19 corridor near Nogales that is a seamless mesh Wi-Fi network. It is the anchor of what the Governor hopes will be a "Smart Corridor." He noted that Director Cummiskey has elevated the Telecommunication Infrastructure Sub-Committee (TISC) from a subcommittee to a full committee. He said the State has gone to RFP and awarded 7 new contracts for telecom carrier services. He said ATIC received approval and funding to produce the Arizona Corporation Commission debates and the debates will be available via web cast. Mark Goldstein said interested parties can view the ATIC monthly calendar of events for information on telecommunications activities occurring throughout the State.

7. Date of Future Meetings

The next meeting of the MAGTAG is scheduled for 10:00 a.m. on Thursday May 18, 2006 in the MAG Cholla room. The meeting was adjourned at 11:40 a.m.