

MEETING MINUTES FROM THE
MARICOPA ASSOCIATION OF GOVERNMENTS
STANDARD SPECIFICATIONS AND DETAILS COMMITTEE

January 2, 2013

Maricopa Association of Governments Office, Ironwood Room
302 North First Avenue
Phoenix, Arizona

AGENCY MEMBERS

Jim Badowich, Avondale	* Javier Setovich, Peoria
Craig Sharp, Buckeye (proxy)	Syd Anderson, Phoenix (St. Trans.)
* Warren White, Chandler	Jami Erickson, Phoenix (Water)
Antonio Hernandez	Rodney Ramos, Scottsdale
Tom Condit, Gilbert	* Jason Mahkovtz, Surprise
Mark Ivanich, Glendale	Tom Wilhite, Tempe, Chair
Troy Tobiasson, Goodyear	Harvey Estrada, Valley Metro
Karl Rockwell, MCDOT (proxy)	* Jim Fox, Youngtown
Bob Draper, Mesa	

ADVISORY MEMBERS

Jeff Benedict, ARPA	Jeff Hearne, ARPA
Tony Braun, NUCA	Peter Kandaris, Independent
Slade Ottney, NUCA	Paul R. Nebeker, Independent
Brian Gallimore, AGC	Jacob Rodriguez, SRP
Adrian Green, AGC	

MAG ADMINISTRATIVE STAFF

Gordon Tyus

* Members not attending or represented by proxy.

GUESTS/VISITORS

Bill Davis, ADS
Kelly Kokesh, ADS

1. Call to Order

Chairman Thomas Wilhite called the meeting to order at 1:32 p.m.

2. Call to the Audience

Audience members introduced themselves. No members of the audience requested to speak.

3. Outgoing Chair Recognition

Chairman Tom Wilhite presented previous chair Troy Tobiasson a certificate of recognition for his service as chair from 2011-2012.

4. Approval of Minutes

The members reviewed the September 5, 2012 meeting minutes. Bob Draper introduced a motion to accept the minutes as written. Troy Tobiasson seconded the motion. A voice vote of all ayes and no nays was recorded.

5. 2013 Revision to the MAG Specifications and Details Document

Gordon Tyus said the 2013 update packets have been printed and committee members should have received a copy. He also gave the prices for the update packet as \$10, new books including the 2013 update for \$25 and the binders for \$10. To order, please call MAG and ask for Judy Tadlock. The updated documents have also been posted to the MAG website, including the AutoCAD drawings updated in 2012.

http://www.azmag.gov/communications/Specs_and_Details/default.asp

Review of 2012 Carry Forward Cases

6. Case 12-12: Steel Reinforced Polyethylene Pipe

Add new Section 739 for Steel Reinforced Polyethylene (SRPE) Pipe. Sponsor Rod Ramos said he had not made any changes to the case, but did mention that the water/sewer working group has been working on it. Jim Badowich summarized how the case had initiated a larger look at the installation specifications for both flexible and rigid pipe. He said the working group is looking at Sections 601, 610 and 615 and was determining such things as trench widths, fill requirements and terminology. The goal would be to separate installation and material specifications, so new pipe materials could be added without having a new installation procedure for each. Kelly Kokesh, who is on the working group agreed.

New 2012 Cases

7. Case 13-01 A-C: Miscellaneous Corrections

Maricopa County introduced three correction cases.

- A) Revise title of Section 324 by removing the word “Street” and adding the abbreviation (PCCP)
- B) Correct a typographic error in Section 505.6.3.3 (4)
- C) Delete obsolete reference of AASHTO M315 in Section 735.4 (D)

Jeff Hearne mentioned that the concrete working group may want to revise Section 324 more fully since it was one of the sections on their list to review.

8. Case 13-02: Revisions to Section 337 CRACK SEALING

Obtain compatibility with Maricopa County requirements. Karl Rockwell, who was filling in for Bob Herz of Maricopa County presented a new case to update Section 337 to include requirements in the Maricopa County supplement. He said a list of the changes was included on the cover page. Jeff Benedict said he had about an hour to review the case and said he agreed with many of the material specifications proposed to be updated. He said this case would be added to the asphalt working group agenda for the January 24 meeting.

Jim Badowich said a more generalized specification may allow other manufacturers to offer the crack sealing products. He said Avondale was looking for other manufacturers due to the high price. Jeff Benedict said that Maricopa County has unique specifications due to the climate, such as softening requirements and a different range of temperatures that require more polymers. This could make the product more expensive. Rod Ramos questioned extending the allowable width of cracks covered by the specification to 1 ½ inches. He said in Scottsdale they use a different method with an epoxy grout fill, treating it as though it were rigid pavement. Jim Badowich said Avondale was experimenting with chip seals. Other members also described different methods used.

9. Potential Cases for 2013

Chairman Wilhite asked the members to report on potential cases for 2013.

Bill Davis of APS said that Warren White of Chandler couldn't be at the meeting, but is planning to introduce a case in February for a new high performance thermal plastic pipe that uses polypropylene. It is a stiffer pipe somewhere between HDPE and PVC that holds line and grade well and has a double gasket in the bell that allows it to be used for sanitary sewer trunk lines in addition to storm drains. He expected that the material spec would be a new section similar to Case 12-12, and that they would continue discussion at the next water/sewer working group meeting.

Tom Wilhite said he wanted to look at updating the liquidated damages (Table 108-1) since it hasn't been updated in at least fifteen years.

Mr. Wilhite then asked the chairs of the working groups to preview the cases they are working on. Jeff Benedict said the asphalt working group would be reviewing the penalty table in Section 321 as well as the new crack seal case just introduced. In addition, they would be reviewing warm mix specifications, and issues with the use of rubber and rubberized asphalt.

Jeff Hearne said the concrete working group would look at Section 324: Portland Cement Concrete Pavement (PCCP) as well as other items on their list. One thing he mentioned was work done by the City of Peoria on ADA compliant sidewalk ramps, and the need to have the details modified to match MAG standards. Peter Kandarlis said he was still working on the curb and gutter specifications.

Mr. Kandarlis said he wanted the outside right-of-way working group to get back to its original focus of updating and adding new specifications for the area between the right-of-way and the building. He said there were still some outstanding miscellaneous items, such as fencing, etc. that could be reviewed by another working group.

Brian Gallimore said the materials working group could take on these items. Tom Wilhite preferred this to starting another working group. Mr. Gallimore said he was also reviewing the grade adjustments detail.

Jim Badowich said the water/sewer working group was going to be focusing on updating the manhole details and specifications, including adding the option for precast bases. They also would be continuing to work on revising the pipe installation specifications and incorporating new pipe materials. This work would include getting the trench widths to match ASTM standards and updating terminology. Brian Gallimore noted that the City of Phoenix updated their supplement and included the term "foundation" to mean just the material under the pipe. This may require updates to MAG specs and details to be consistent. Jami Erickson said Phoenix would be looking at the more general water/sewer updates as possible cases for MAG. Troy Tobiasson said the flushing and testing requirements are an area he would like to see updated.

10. Working Group Reports

Chairman Wilhite asked for reports from the working groups. He also suggested the working groups provide him a paragraph on the topics of the working group meetings, so he could formulate an email notice that could be forwarded to interested parties in the MAG agencies.

a. **Water/Sewer Issues Working Group**

Jim Badowich said the group met September 18th at 1:30 at the MAG office. (Notes included in packet.) He said he reviewed much of what the group discussed previously in the meeting. The next meeting is scheduled for January 22, 2013 at 1:30 p.m. at the MAG offices. He asked for additional participation at the working group meetings by agency members.

b. **Asphalt, Materials and Concrete Working Groups**

Jeff Benedict said the next meeting of the three groups is scheduled for January 24, 2013 at the ARPA office. The asphalt group would meet first at 12:00 p.m. followed by the materials and concrete working groups.

Adrian Green said one thing they wanted to discuss with the use of bonuses in contracts similar to what ADOT does to reward high performing construction. Both Jim Badowich and Troy Tobiasson said their cities' contracts were not designed to allow bonuses, but were for a set amount, and some municipalities or city councils may not allow them. Bob Draper advised against using the term bonus at all. Brian Gallimore said contracts could be set up to allow addition compensation based on performance similar to how there are set-asides for project escalations.

c. **Outside Right-of-Way Working Group**

Peter Kandaris said he would like to schedule the next meeting for January 29, 2013 to avoid conflicts with existing working group meetings.

11. General Discussion

Tom Wilhite brought up the idea of creating a framework to allow for the continuous update and review of the specifications and details over a set period, such as five years. The idea would be to determine a certain number of specifications to be reviewed each year, verify if the spec is current, and if not, make the necessary minor updates or introduce a new major case.

Jeff Hearne said ASTM has standing committees that are assigned certain specifications to review and revise on a six-year cycle. Even if a specification is not revised, it is reviewed and reapproved. He noted that ASTM does have many standing committees for this purpose.

Tom Wilhite suggested doing something similar by dividing up MAG specification among the working groups and/or agencies. Jeff Benedict said that the members may not have the expertise for some specifications. Peter Kandaris gave the example of landscaping requirements. He also noted that the details drawings still needed review. Troy Tobiasson liked the method used by the outside ROW group to decide if a specification should be added, deleted, moved or revised, and if revised determine if it was a major or minor revision.

Mr. Tyus said the discussion probably should also include when new editions should be published, how often, and how updates to the specification should be made available to avoid too many update packets to the printed materials. He also asked if MAG should continue to print updates in the future.

Jim Badowich brought up the issue of moving to more general requirements since new materials are constantly coming on the market. He gave the example of joint restraints. With several different types now available, the specifications currently don't cover them all, so they have to use the submittal process for all water and sewer line construction.

Jeff Benedict provided a handout for the Asphalt Paving Alliance national lunch meeting on February 14, 2013 at the AGC office and invited all members to attend.

12. Future Agenda Items

Mr. Wilhite noted two potential future agenda items. One was a request for a presentation on wildlife crossing structures and policies. He asked the committee if they were interested in a short presentation from the group during the February meeting.

He also noted that the ASTM web portal software was undergoing changes, and a representative from ASTM was available to give a presentation on its new features. Several members commented on how useful the access was. Mr. Tyus encouraged member use to justify continued funding of the project, and said he would check to see how the ASTM site update would affect current users.

13. Adjournment:

The chair adjourned the meeting at 2:58 p.m.