

Water/Sewer Working Group Meeting

Meeting Notes

July 16, 2015

Opening:

A meeting of the Specifications and Details Water/Sewer Working Group was called to order by Jim Badowich on July 16, 2015, at 1:34 p.m. in the MAG Cottonwood Room.

1. Introductions/Attendance

Tony Ayala (Avondale), Jim Badowich (Avondale), Bob Herz (Maricopa County), Souren Naradikian (Maricopa County Environmental Division), Ron Pint (Cox Communications), Craig Sharp (Buckeye), Gordon Tyus (MAG), Arvid Veidmark (SSC Boring)

2. Case 15-01: Miscellaneous Corrections

Bob Herz said he made updates to Case 15-01D by revising Detail 270 to include the option for outside ROW areas, as well as changing the note on the riser pipe and the titles. Next discussed was Case 15-01E which deletes a reference to Section 601 for manhole backfill requirements which conflict with those already in Section 206. Bob Herz introduced a new correction (F) that replaces 'Section 712' with 'Section 718' in the third paragraph of Section 334.3.

3. Case 15-03: Revise Sect 601.4.5; Trench Final Backfill

Jim Badowich reviewed the main points of the case and brought up the issue of requiring a PI of 15 for backfill. He said this could cause issues by not allowing the use of native fill. He said Avondale typically have a geotechnical reports that help them determine what treatments or changes to the fill are required. Since most members agreed that it currently wasn't a problem in the field, Mr. Herz said he would remove the PI requirement from the case.

4. Case 15-05: Reclaimed Water Boxes

Case sponsor Warren White was not present; however, there was a brief discussion on whether the box had machined surfaces. It appears current boxes are completely cast, and so the machining symbols should be removed from the draft detail.

5. New Case 15-12: Horizontal Drilling Directional Drilling (New Section 608)

Arvid Veidmark discussed changes proposed by a representative from Cox Communications at the last committee meeting. This included changing what was required to be reported in the "drillers log/as-builts" section. He explained how the drillers log is completed in the field and why agencies may want this information to locate utilities. He proposed changing it so that "pitch, roll and clock-face" reporting were only for medium and large projects, but the driller's log still would be included for all projects, and available if requested by the agency. Ron Pint of Cox Communication agreed with the revisions. Mr. Herz had some questions about the equipment setup diagram, and there was discussion on whether to include it as a figure or detail. Mr. Veidmark also handed out a copy of a presentation on the case he plans to give at the next committee meeting.

6. Case 14-12: Revisions to Section 336 and Detail 200-1

Bob Herz said this case was planned to be voted on at the next committee meeting. Mr. Badowich said he liked the offset option added to Detail 200-1, but also thought this detail may need to be reviewed and expanded in the future.

6. Spec Section 611; Water, Sewer and Storm Drain Testing

Jim Badowich brought up the issue of flushing, and believes MAG's specifications need to be updated. Tony Ayala said he has been reaching out to other agencies about the issue, and said Goodyear has done work in this area. More information on the process of flushing, that provides enough flow and velocity, size and placement of meters, etc. is needed in the MAG spec. He said there are also formulas to determine how long to flush. Members agreed that methods needed to be added to assure flushing water does not contaminate the potable city water. Other issues discussed included proper chlorination and de-chlorination of flushing water, and the need to reduce the total use of water.

7. MAG Detail 320; Concrete Meter Boxes

Jim Badowich said he is still looking at adding concrete-polymer meter boxes as a future possible case.

8. Other Issues

Souren Naradikian of Maricopa County Environmental Division brought up the problem of what to do if there is contamination due to a sewer line break. Craig Sharp said they have a plan to quickly address any problems because the penalties from ADEQ are set at \$10,000. Mr. Naradikian said there are not specifications in MAG that deal with such contingencies. Mr. Badowich said he wasn't sure MAG was the place for it. Members tended to agree that this was more of a project specific or individual agency issue.

9. Next Meeting

Jim Badowich reminded everyone that the next Water/Sewer Working Group meeting is scheduled for August 20, 2015.

10. Adjournment

The meeting was adjourned at 3:10 p.m.