

Water/Sewer Working Group Meeting

Meeting Notes

July 23, 2013

Opening:

A meeting of the Specifications and Details Water/Sewer Working Group was called to order by chair Jim Badowich on July 23, 2013, at 1:30 p.m. in the MAG Cottonwood Room.

1. Introductions/Attendance

Tony Ayala (Avondale), Jim Badowich (Avondale), Jared Dusha (Contech), Arturo Chavarria (Hanson), Jami Erickson (Phoenix), Art Glover (FCDMC), Rob Godwin (Goodyear), Bob Herz (MCDOT), Mike Hook (ACPA), Peter Kandarlis (DGA), Paul Nebeker (Pipe Right), Matt Savage (Ferguson), Craig Sharp (Buckeye), Raffi Soghomonian (Armorcast), Wally Sunnaa (Armorcast), Gordon Tyus (MAG), Arvid Veidmark (Specialized Services), Steve Waller (Rinker), Warren White (Chandler)

2. Case 13-21: Precast Manhole Specifications

Craig Sharp handed out the latest version of the case. He said a few typos were noted during the committee meeting.

3. Case 13-22: Manhole Revisions/Update

Jim Badowich handed out redlined copies of the manhole details, 420-1, 420-2, 421 and 422. He reviewed each drawing in detail, highlighting major changes or items needing further discussion. These included the removal of bricks and steps, overall ring height, and revisions of the notes. He also said he wanted to show the entire manhole section. Other topics discussed included: size and number of adjustment rings, methods of vacuum testing, the use of steel reinforcement for installations greater than 18' deep, the use of natural material under cast-in-place manhole bases, types of coatings and pesticide treatments. Coatings could be addressed in the specifications or through agency material lists. Mr. Badowich said he would work with Mr. Sharp to draft the details and add them to Case 13-22 in the future, since changes in the details should match the changes proposed in the specifications.

4. Case 12-12: SRPE Pipe (Proposed Section 739)

Case 12-12 was approved at the last committee meeting. Art Glover of the Flood Control District asked if the larger diameter sizes have been used in the Valley. Jim Badowich said 60" SRPE was used on an ADOT project on I-10. Jared Dusha of Contech said he could supply Mr. Glover with more information.

5. Case 13-15: Revisions to 603, 615 and 618 for flexible pipe

Warren White handed out information provided at the last committee meeting. It included new definitions for trenching and backfill terms as well as updated detail drawings 200-1 and 200-2. Members agreed about the new terminology, but there was some discussion about where to put the specifications for placing the materials from the foundation to one foot above the springline. Warren White said he and some of the industry representatives thought it made sense to keep it in Sections 601 and 603. Mr. Badowich thought it might make sense to put it in 610, 615 and 618 since the initial backfill is integral to the pipe design. It was also noted that subsections for

rigid and flexible pipe installation would be needed. There also needed to be updated post installation testing specifications.

7. Case 13-20: Section 610 Revisions and Water Testing/Flushing

Rob Godwin said the current case focuses primarily on updating the testing procedures to meet AWWA requirements. He was taking all additional comments, and will be making further revisions and possibly a new case next year. Mr. Godwin asked what should be done with elevation changes affect the pressure testing. Paul Nebeker asked how long the bacteria test was good. Jami Erickson said it must be tied into the system within three days, than it is the agencies responsibility.

8. Case 13-16: Trenchless Installation of Steel Casing

Arvid Veidmark passed out a revised copy (version 5) of the case that made updates based on the comments from the previous committee meeting. It also included information on spacer placement. There was discussion on using spacers, the use of wood skids for sewer, and using a flexible coupler for clay pipe so it does not shear before connecting to the manhole. There was also discussion on grouting voids and ramming pipe. Mr. Veidmark said he would provide revisions to Herz, Badowich and Tyus.

9. New Issues

Raffi Soghomonian and Wally Sunnaa of Armorcast provided information and sample detail drawings for polymer concrete meter boxes and covers. They are widely used since they tend to be affordable, less prone to theft and do not interfere with electronic meter reading devices. The package of detail drawings they provided demonstrates how their products match the existing MAG details for concrete meter boxes and steel covers sizes.

10. Next Meeting Date

The next meeting of the Water/Sewer working group is tentatively scheduled for Tuesday, August 20th at 1:30 p.m. at the MAG office.

The meeting was adjourned at 3:50 p.m.