

Water/Sewer Working Group Meeting

Meeting Notes

June 19, 2012

Opening:

A meeting of the Specifications and Details Water/Sewer Working Group was called to order by chair Jim Badowich on June 19, 2012, at 1:35 p.m. in the MAG Cholla Room.

1. Participants

Jim Badowich (Avondale), Arturo Chavarria (Hanson Pipe), Bill Davis (ADS), Mike Hook (ACPA), John Kanzlemer (Contech), Adrian Leon (Contech), Paul Nebeker (Pipe Right Now), Matt Savage (Ferguson), Craig Sharp (Buckeye), Gordon Tyus (MAG), Mike Weinberg (Contech).

2. Cadmium Plated Bolts (Case 11-03)

Jim Badowich referenced a handout showing his revisions to Section 610.3. He said he still needed to find the correct ASTM for stainless steel. He said he removed different specifications for different bolt sizes, and noted that ASTM 242 was the correct spec for corrosive resistant steel. Mr. Badowich said he would update the ASTM for stainless steel, try to get feedback from Javier Setovich, and submit the revised version to the main committee for review.

3. Wet Barrel Fire Hydrant Spec and Detail Update (Case 11-14)

The latest version of the hydrant details were handed out and discussed. Paul Nebeker questioned whether note 5 should be included on 360-3 because fittings are very often under pavement, especially in retrofitting type of applications where offset fittings are often used. Members also agreed to remove note 9 (expansion joints) from 360-1 and 360-2 and clarify it on 360-3. Mr. Nebeker also questioned showing the concrete pad below grade shown on the dry barrel drawing. Mr. Sharp said he would review his notes to see which agency had it below grade. Mr. Badowich said the concrete pad on 360-2 should be dimensioned. Mr. Sharp said he would make updates to the details as discussed.

4. Manhole Details and Pre-Cast Manhole Bases

Jim Badowich said he planned to use the specifications Buckeye developed for the pre-cast manhole bases. He asked if he could get help modifying the manhole details. Craig Sharp said he had a drafter available to make changes to the details, and asked for Mr. Badowich to send him the revisions.

5. Special Bedding for Mainline Storm Drain Pipe (Case 11-21)

Mr. Badowich provided an overview of the case proposed by Phoenix which provides an option for using slurry in storm drain installation. Mr. Tyus said discussions evolved in the working group to include updated installation specifications depending on the type of the pipe. ASTM standards for HDPE and concrete pipe installations were provided. Bill Davis said table 601 in MAG does not match the ASTM standards for HDPE trench width, so they were developing a new table. Mr. Badowich said the current MAG standard does require granular backfill for HDPE pipe. Members from Contech discussed their proposed specification for steel reinforced plastic pipe based on the existing HDPE material specification. Mr. Badowich said he wanted

all flexible pipe installation standards to have the same minimum requirements rather than having new sections for all variations of materials. There was also discussion on testing procedures and the use of laser testing. Mr. Nebeker expected that it would be used more in the future, much like how video is used today.

6. Disinfecting Water Lines (Case 12-08)

Jim Badowich said he thought Phoenix planned to withdraw the case on disinfecting water lines. Mr. Nebeker said dealing with the issue now makes sense, with all the abandoned subdivisions that may begin development again. Mr. Badowich also said flushing issues can be addressed in the future.

7. Next Meeting Date

Members agreed to tentatively schedule the next meeting of the Water/Sewer working group on Tuesday, July 17, 2012 at 1:30 p.m. at the MAG office.