

# **Water/Sewer Working Group Meeting**

Meeting Notes  
January 22, 2013

## **Opening:**

A meeting of the Specifications and Details Water/Sewer Working Group was called to order by chair Jim Badowich on January 22, 2013, at 1:32 p.m. in the MAG Cholla Room.

## **1. Introductions/Attendance**

Jim Badowich (Avondale), Arturo Chavarria (Hanson), Rita Chihanik (Deeter), Bill Davis (ADS), Jami Erickson (Phoenix), Brian Gallimore (AGC), Peter Kandaris (DGA), Paul Nebeker (PipeRight), Craig Sharp (Buckeye), Gordon Tyus (MAG), Warren White (Chandler).

## **2. Meeting Participation**

Jim Badowich said wants to recruit more attendees to the working group including commitment of agencies and contractors. He did mention that Troy Tobbiasson of Goodyear was going to be working on bringing flushing specifications forward. Mr. Kandaris said he could help with industry/consultant participation. Ms. Erickson asked about outreach to ACED. Brian Gallimore said he has tried to get them involved previously without success.

## **3. Working Group Goals for the Year**

Mr. Badowich outlined some of his goals for the year including preparing cases for the items the group has been working on. Mr. Kandaris handed out an updated list of sections and details based on the Outside ROW working group review. Mr. Badowich wants to prioritize the list. Bill Davis said he thought sections 601 and 603 should be high on the list in developing installation instructions for rigid and flexible pipe.

## **4. Manhole Revisions/Update**

Jim Badowich indicated this as a goal for the year. Craig Sharp handed out copies of the precast manhole base details and specifications Buckeye developed. Members reviewed the information and discussed where and how it could be incorporated into the MAG specs and details. Adding additional 420-3 and 420-4 details as well as a separate material specification for the bases were suggested. Mr. Sharp also volunteered CAD services to update the other details. The group noted that the design standards used by Buckeye would need to be changed to material specifications in MAG format. Mr. Sharp said he could work on this as well. Several other related topics included: adding information on protective lining and insecticide coatings, removing bricks and steps from the details and eliminating detail 428. Mr. Tyus said he could make copies of the existing details for review and markup at the next meeting.

## **5. Pipe Materials and Installation Specifications**

Another major topic of discussion was on the introduction of new pipe materials (including steel-reinforced polyethylene (SRPE) and Polypropylene pipe. Bill Davis had been working with Warren White of Chandler on developing specifications for the polypropylene pipe and plan to introduce a case similar to the one for SRPE (Case 12-12.) This would also require changes to installation specifications including 601, 603, 610, 615 and 618. Mr. Tyus said rather than continue to add to the list of pipe types in all of these specifications, the group should

continue to work on the plan to update specifications for rigid and flexible pipe types and specify the installation according to the type. This included updating trench widths and major revisions to Sections 601 and 603. Mr. Davis volunteered to work on 603. Mr. Badowich asked Arturo Chavarria if he would work on Section 601 to make it more consistent with ASTM standards. The group agreed that steel pipe should be considered rigid for this purpose.

There was discussion about the terminology for the trench section and bedding. Phoenix changed their supplement to match MAG's terms. Jami Erickson did note that Phoenix had concerns about their supplement being based on the 2012 MAG book now that the 2013 update is out. Brian Gallimore suggested she talk to Bob Herz at Maricopa County to see how they schedule supplements to come out at the same time as MAG's update. She said she could bring this information along with the definition to the next meeting for more discussion. Mr. Kandarlis suggested removing the bedding details from 202-2 and making a separate detail for it. Mr. Tyus mentioned the previous discussion of having the terminology match ASTM standards as shown in D2321.

Finally, Mr. Badowich asked the group of other potential cases. Jami Erickson said Phoenix has some supplements that they may bring to the committee. Mr. Tyus noted that at the previous meeting, Matt Savage provided information about changes to the pipe polywrap table to match current ASTM standards and the sizes being manufactured. The group also discussed moving the aluminum manhole covers out of the book and into the Outside Right-of-Way guide.

#### **6. Next Meeting Date**

The next meeting of the Water/Sewer working group is tentatively scheduled for Tuesday, February 19<sup>th</sup> at 1:30 p.m. at the MAG office.

The meeting was adjourned at 2:58 p.m.