

# **Water/Sewer Working Group Meeting**

Meeting Notes

May 17, 2011

## **Opening:**

A meeting of the Specifications and Details Water/Sewer Working Group was called to order by Scott Zipprich on May 17, 2011 at 1:30 p.m. in the MAG Ocotillo Room.

## **Present:**

Rita Chihanik (Deeter/Neenah), Chad Dixon (AGC), Brian Gallimore (AGC), Charles Moses (Jensen), Gordon Tyus (MAG), Scott Zipprich (Buckeye).

## **1. Introductions**

Scott Zipprich said that working group chair Jim Badowich was unable to attend the meeting and asked him to fill in. Other attendees greeted and exchanged cards.

## **2. Review April Meeting**

Gordon Tyus provided notes from the April 15<sup>th</sup> meeting for members to review. Mr. Zipprich referred to projects underway and asked to receive updates from other members as described below.

## **3. Manhole Frame and Cover Presentation**

Rita Chiharik of Deeter/Neenah Foundry presented draft details of 24" and 30" manhole frames and covers. She also provided details for 24" and 30" details for water tight and pressure tight versions. These details would replace current MAG Details 423, 424 and 523. For clarity the 24" and 30" details are on separate sheets. Mr. Tyus noted they should be labeled 423-1 and 423-2 for example. Ms. Chiharik noted that these details met ASTM A-48 class 35 and AASHTO 306 for load bearing. There was discussion on variations on of agency identification and logos. Scott Zipprich asked to add a note indicating the manufacturer inscribed on the frame and cover. He also asked members to review and make any changes necessary to Section 787 Grey Iron Castings. Ms. Chiharik said she would make updates and email the detail drawings. Mr. Zipprich said once these were completed he would like to introduce it as a MAG case at the next full committee meeting.

## **4. Adjustments to Frames and Covers**

Brian Gallimore began discussion about creating new specifications and details for frame and cover adjustments when repaving. Members reviewed MAG Detail 270. Scott Zipprich suggested moving the Frame and Grade adjustment detail to a separate sheet (possibly 271) and updating it to show the process required for making the adjustments (lowing and raising) during construction. There was also discussion about problems with the covers coming up, and whether to include the chain detail. Ms. Chiharik said some agencies do use chains, but her company also created a frame for Yuma with a longer collar and a heavy lid. It was suggested that this type of detail be added as an option.

## **5. Specs/Details Being Considered for Removal**

Scott Zipprich said he had nothing new but was planning to update the case for the next MAG meeting.

## **6. New Fire Hydrant Details**

Mr. Zipprich passed out draft hydrant details both for dry barrel and wet barrel types based on details from Buckeye and Avondale. He hoped that adding these details and providing notes to allow agency specific variances, (such as placement of the flange and break-off valve) the supplements to MAG would be reduced. Members discussed the depiction of the thrust blocks in the details, and also as shown in MAG 380, and the consensus was to make them look more “blob-like” in general. There was also discussion about when and where mechanical restraints are used instead of thrust blocks. Scott Zipprich noted that these details are in the draft stage, and he was planning to add a third sheet that included more details, and a plan view of the hydrant with required restrictions within 3 and 10 foot circles.

## **7. Pre-cast Manholes**

Charles Moses is working with Buckeye on a current project. Details created for Buckeye may be used as a basis for a new MAG detail in the future. Jim Badowich updated the full committee on the pre-cast manhole bases at the last meeting, and the presentation has been posted on the MAG website.

## **8. Other Revisions**

Attendees further discussed frame and cover adjustments relating to details other than 270 such as 391-1 and 391-2. It was suggested that the adjustment parts of the details be moved to a more general (new) 271 Frame and Cover Grade Adjustment (name TBD) detail. Chad Dixon said he reviewed these and other related details, and could provide feedback. Scott Zipprich noted that as a new detail was created it would make sense to clean up the others. He noted there was no detail for the cover of the Type C Valve Box on Detail 391-1, and suggested making sure it specified the heavier covers.

Brian Gallimore said he was working on revising Section 621 Corrugated Metal Pipe, and thought MAG needed a frame and grate/cover detail for it. Rita Chiharik said she would see if they had anything. Scott Zipprich said he might find something in Chandler’s underground details. This section may be moved to the MAG Outside Right-of-Way book.

## **9. Case Assignments**

Members agreed to continue work on the draft cases discussed.

## **10. Next Meeting Date**

Members agreed to meet again on Tuesday, June 21<sup>st</sup> at 1:30 at the MAG office.