

Water/Sewer Working Group Meeting

Meeting Notes

April 19, 2011

Opening:

A meeting of the Specifications and Details Water/Sewer Working Group was called to order by Chair Jim Badowich on April 19, 2011 at 1:35 p.m. in the MAG Ocotillo Room.

Present:

Jim Badowich (Avondale), Aaron Berry (Goodyear), Tony Braun (NUCA), Rita Chihanik (Deeter/Neenah), Chad Dixon (AGC), Charles Moses (Jensen), Clemente Riley (Goodyear), Larry Stumfoll (Jensen), Gordon Tyus (MAG), Scott Zipprich (Buckeye).

1. Introductions

Participants present introduced themselves

2. Review March Meeting

Jim Badowich quickly introduced the purpose of the working group and reviewed the last meeting notes. He said the goal was to review the sections and details as requested by the Outside ROW Working Group, and to prepare cases for the full committee.

3. Pre-cast Manhole Presentation

Charles Moses and Larry Stumfoll of Jensen Precast provided a PowerPoint presentation that gave an overview of the use of precast manholes compared to pour-in-place construction. Mr. Moses also provided a sample detail similar to one that was developed for Pima County as well as potential revisions to Section 625 and sample Precast Manhole Construction Specifications.

Members discussed related issues such as settlement and the advantages and disadvantages of different connection options. It was noted that precast bases would require a different method of installation for contractors. Other issues such as steps, H₂S concentration and coating materials were discussed.

4. Manhole Frame and Cover Presentation

Rita Chiharik of Deeter/Neenah Foundry presented information regarding manhole frames and covers. She provided a sample revised Detail 424 for a 24" Manhole Frame and Cover. The new detail is more general since covers currently are not manufactured exactly to the dimensions of MAG Detail 242, and different manufacturers have different designs, although everyone is using class 35. The revised detail refers to performance specifications in ASTM and AASHTO.

Members discussed including having the manufacturer of frames and covers inscribed directly on them so covers would be correctly matched to frames if replacement or road reconstruction occurs. Rita agreed to develop a Detail for 30" frames and covers as well.

5. Specs/Details Being Considered for Removal

Scott Zipprich discussed work he has been doing on the MAG deletion case. Detail 302 Joint Restraints could be removed because if used they are typically designed by an engineer. Detail

392 Debris Caps was also discussed. Members attending the main committee meeting noted that it was discussed that the caps are still being used by several agencies including Phoenix and Goodyear, although they have their own details. It was suggested rather than deleting the detail; it is revised to incorporate the agency supplements.

Scott also said he was also working on revising the fire hydrant details and was planning to add a wet barrel detail such as used by Avondale.

6. Case Assignments

Members agreed to continue work on the draft cases discussed.

7. Next Meeting Date

Members agreed to meet again on Tuesday, May 17th at 1:30 at the MAG office.