

Water/Sewer Working Group Meeting

Meeting Notes
September 11, 2014

Opening:

A meeting of the Specifications and Details Water/Sewer Working Group was called to order by Jim Badowich on September 11, 2014, at 1:37 p.m. in the MAG Cottonwood Room.

1. Introductions/Attendance

Jim Badowich (Avondale), Arturo Chavarria (Hanson), Julie Christoph (Mesa), Bob Herz (MCDOT), Craig Sharp (Buckeye), Gordon Tyus (MAG), Stew Waller (Rinker), Warren White (Chandler)

2. Manhole Revisions/Update (Cases 13-21 and 13-22)

Craig Sharp handed out updated versions of Section 625 and Details 420-2 and 422 based on the changes made to the cases prior to approval as recorded in the minutes of the Specs and Details committee meeting. Members reviewed the updated Detail 420-2. Bob Herz noted the numbers of the notes need to be realigned with the text. Gordon Tyus suggested removing the arrows at the bottom of the detail. Detail 422 added the table for the spacers note. Suggestions included making the titles bold and making the table font consistent. There were also a couple missing extension lines. After reviewing the final version of Section 625, members suggested a few formatting corrections for paragraph spacing. Mr. Sharp said he would make the final corrections and send the case materials to Mr. Tyus.

3. Revisions to Rigid and Flexible Pipe Installation (Case 13-15)

Bob Herz handed out comments for the revised Section 601 that combined Sections 601 and 603. Industry representative Stew Waller agreed with the process of combining the two sections. Mr. White handed out a memo outlining the final changes to the case. He also provided updated Details 200-1, 200-2 and 212. The case will also add minor changes to Sections 206, 355, 735, 739 and 740 to correct references, and coordinate changes in Section 601. Warren White discussed the changes to Detail 200-1 including fixing the references in the notes and changing the hatch pattern for the Type "D" Trench Repair. The group decided to change the reference in the section view of Detail 212 Utility Pothole Repair, to refer to Section 601 generally, rather than a specific sub-section since it would cover all applications depending on the utility, such as when sand is used around gas lines.

Next the group went through Mr. Herz comments on Section 601. On the trench widths section, the group agreed to delete the "unless otherwise specified..." line, and also delete Note #1 after Table 601-1. Next the group discussed who typically was responsible for construction staking in 601.2.3. Mr. Herz said this was inconsistent with Section 105.8. Mr. Badowich said they still have the contractor set the stakes, and wanted to keep it as Contractor, not Engineer. Mr. Herz said that it was inconsistent with the rest of the paragraph, so members agreed to switch the terms "Engineer" and "Contractor" in the last sentence of 601.2.3. Mr. Badowich said they may want to revisit Section 105.8 next year.

Mr. Herz suggested deleting the “unless otherwise shown...” phrase from 601.3.1 Utilities; however, since it was not uncommon for agencies to turn off utilities on some projects, Mr. Badowich thought it should be left in. The consensus was to leave it as is.

Next the group had a lengthy discussion fine tuning the language for Section 601.4 FOUNDATION, BEDDING, HANCHING, BACKFILLING AND COMPACTION. In summary, the group decided to use ABC per Section 702 as the default fill material for the Bedding, Haunching, and Initial Backfill areas. To provide options for these areas, a sentence stating, “With Agency approval, other granular fill materials or CLSM may be used.” Based on feedback from industry representatives Stew Waller and Arturo Chavarria, in the Initial Backfill area, the group decided to allow the option of native backfill material for concrete pipe only.

For the Final Backfill, Julie Christoph noted that it currently says that it is “sound earthen material with no piece larger than 4 inches and free from broken concrete, broken pavement or other deleterious material.” However, if MAG ABC was used, per Section 702 it could include recycled pavement, creating a conflict. Mr. Badowich was also concerned about using native material under the streets, so he suggested adding “ABC per Section 702 or” in front of the “sound earthen material...” He also wanted to leave in the reference to Detail 200-1 for final backfill under street pavement, so contractors would know that they would need to follow a trench repair detail.

The working group agreed with the other comments in Section 601. Warren White said he would make these final corrections and prepare the final case files. Members thought both the red-lined and final versions should be in the packet. Mr. Tyus said the final version for the vote should include all the sections that changed, although if it is a minor change to sentence, only that part would need to be included in the case outline.

6. Horizontal Drilling Directional Drilling (New Section 608)

Sponsor Arvid Veidmark was not present; however, the latest copy of Section 608 and a potential detail drawing were provided. Jim Badowich said he thinks this will be a good spec to have in the future. Ms. Christoph said Mesa is putting in a large amount of cable. This will likely be a case next year.

8. Future Case Items

Mr. Badowich asked the group for suggestions of additional cases for next year. In addition to catching minor updates and corrections that were missed for the cases that passed, he said they can look at the granular fill definition and options in more detail. Mr. Tyus suggested reviewing Detail 502-2: Trash Rack.

9. Next Meeting Date

The Water/Sewer working group will take a break until January of next year.

The meeting was adjourned at 4:09 p.m.