

Water/Sewer Working Group Meeting

Meeting Notes
March 16, 2011

Opening:

A meeting of the Specifications and Details Water/Sewer Working Group was called to order by Chair Jim Badowich on March 16, 2011 at 1:30 p.m. in the MAG Cholla Room.

Present:

Jim Badowich, Tony Braun, Rita Chihanik, Chad Dixon, Charles Moses, Paul Nebeker, Larry Smith, Gordon Tyus, Scott Zipprich.

A. Open Issues & Discussion

The overall purpose of the working group was discussed. The immediate focus of the group was to review the list provided by the Outside ROW Group, for review by the Water/Sewer group.

For each MAG Section or Detail, the following was discussed: 1) Should the spec remain in the ROW (current) standards, 2) Should the spec be placed in the Outside ROW (future) standards, and 3) does the Spec/Detail need updating.

The W&S Working Group then briefly went through each case and asked the three above questions for each one.

The majority of cases should remain in the current ROW Standards and should also exist in the future Outside Standards. All cases need some form of review for accuracy, completeness, and applicability for the current MAG Specifications revision or update.

Next the specifications and details were prioritized to determine which to work on first.

B. Decisions & Action Items

Some comments on specific MAG sections are shown below. Those with * were deemed high priority:

Sec. Comments/Recommendation

- 630* Taping Sleeves, Valves, Boxes. Include in both. Update.
- 640 Precast Concrete Arches. Unsure if section is applicable to this working group.
- 736 Non-reinforced Concrete Pipe (CIPP). Phoenix and SRP use. Include in both. Update.
- 750 Ductile Iron. Include in both. Check if revision needed.
- 751 Gray iron pipe. Remove.
- 754 Copper Pipe. Discussion about Type K and Type M copper pipe. Include in both. Update.

Detail Comment/Recommendation

- 301 Blocking in detail needs to be revised to show in a more realistic scale. Include in both. Update.
- 302 Joint restraints w/rods. Phoenix has supplements. Discussed removing from MAG. Typically these are designed job specific. Notes reference cadmium bolts.
- 321 Water Meter Vault. Agencies have their own details. In ROW only. Create a more standard detail to reduce supplements.
- 340* Installing Tapping Sleeves. Discussion about stainless steel, size on size for mechanical joints in Phoenix. Include in both. Update.
- 346 Fire line detector check valve. Outside ROW. Revise?
- 360* Fire Hydrants. Add wet barrel hydrants (Avondale and Peoria use). Revise to meet current International Fire Code. Discussed color and national standards for threads. Include in both. Update.
- 370 Vert. Realignment. Phoenix has P370 supplement with boltless restraint. Include in both. Update.
- 380* Thrust Blocks. Include in both. Update.
- 389 Curb stop w/VBC. Needs to be updated because of low lead brass requirement, and avoid brand names. Include in both. Update.
- 390 Curb stop w/flushing. Same as above.
- 391* Valve box installation and adjustment. Discussion about creating separate installation and adjustment details. Include in both. Update and possibly split.
- 392 Debris Caps. Discussion about deleting it, adding it to deletion case. Remove.
- 405 Broken Sewer Line. Remove references to only "clay" pipe. Include in both. Update.
- 420 Precast manholes. Discussion of using precast bases and including compaction requirements. Charles Moses of Jensen Precast said he would provide info next meeting. Include in both. Update.
- 424* Manhole frame and cover. Rita Chihanik of Deter & Neenah Foundry agreed to provide updated details and information at next meeting. Include in both. Update.
- 425 Aluminum manhole covers. Outside ROW only; special use. Update?
- 426 Drop Sewer Connection. Remove 'brick' references/illustrations. Include in both. Update.
- 427 Stub out and plugs. Remove 'brick' references/illustrations. Include in both. Update.
- 441 Sewer Clean-out. Include in both. Update.
- 345 Water Meters. ROW only. Update.

Adjournment

The meeting was adjourned at 3:00 p.m. by Jim Badowich. The next Water/Sewer Working Group meeting is tentatively scheduled for 1:30 p.m. on Tuesday April 19, 2011 at the MAG office. Room location TBD.