

Public Works Standard Drawings Subcommittee Meeting

Monday, March 22, 2021

Microsoft Teams

Welcome and Introductions

Jan 25th Meeting Summary

The Subcommittee reviewed Drawings 6020-6030.

6020

- 6020B: Correct the spelling of “the” on note 8
- 6020B: trim lines on either side of box, the keyway joint should not extend to the exterior of the wall
- 6020D-E: Add note, “Depths greater than 10’ need to be structurally engineered.”

6030

- 6030B: trim lines on either side of box, the keyway joint should not extend to the exterior of the wall
- 6030B: Add note instead of 6” to “match pavement thickness, typical 6””
- 6030B: have consistent callout of “w” on 6020 and 6030
- 6030C: Eliminate the extra 2” and 6” dimension callouts
- 6030D: Add note, “When pouring inverts, the bottom shall be no more than ¼” ft toward pipe.”
- 6030F-G: Add note, “Depths greater than 10’ need to be structurally engineered.”

- NCTCOG staff sent out a survey asking Public Works Council members if they had drawing 4130-4190 in their systems, if they used these drawings, and if they want them updated.
 - There were only 4 responses, and one was a Subcommittee member. The respondents did not use these details so the Subcommittee would like to remove the 4” and larger details (4150-4190A&B).
 - NCTCOG staff will double check the Specifications first to make sure they are not referenced.
- The subcommittee will keep 4150 or 4170 as a schematic, Chris will provide a markup of this detail for NCTCOG.
- On 42000, “Wastewater” should be changed to “Stormwater” to be compliant with TCEQ chapter 217 and 290. A note to reference these chapters should also be added. NCTCOG should reference Coppel’s 4200 drawings for megalugs vs. thrust blocking.
- The comment about megalug joint restraint should be added to all thrust block details, including 4010A and 4030.

Division Review Process

Division 1000 and 3000

- Seeking Subcommittee Approval Jan 25th
- Seeking Public Works Council Approval Feb 18th

Division 6000 and 2000

- Seeking Subcommittee Approval Feb 22nd and March 22nd (respectively)
- Seeking Public Works Council Approval May 6th

Division 4000 and 5000

- Seeking Subcommittee Approval June 28th and July 19th (respectively)
- Seeking Public Works Council Approval August 19th

The draft divisions will be sent to the Subcommittee and PWC at least 3 weeks in advance to review.

Thank you for volunteering your time to update these drawings for the region!

Division 1000: Erosion and Sediment Control Approval

Division 3000: General Underground Conduit Approval

Next Steps

- Determine action items for Subcommittee Members and NCTCOG staff

Next Standard Drawings Meetings

February 22, 2021
10am-11:30am

Teams

Committee Webpage: <https://www.nctcog.org/envir/committees/public-works-council/standard-drawings-subcommittee>