**SUMMARY**

**Public Works Standard Drawings Subcommittee**

Monday, November 12, 2018

10:00 AM – 11:30 AM, Regional Forum Room

NCTCOG Offices

616 Six Flags Drive, Arlington, Texas 76011

1. **Welcome and Introductions**.
2. **Division 1000 Drawings.** Subcommittee will review the remaining Public Works Construction Standards Fifth Edition Division 1000 drawings. Subcommittee will discuss Figure 3.4, Figure 3.6, Figure 3.7, Figure 3.9, and Figure 3.13 from the iSWM Technical Manual.

*Subcommittee members discussed the following edits:*

All drawings will be formatted to the standard PWCS composition, which includes title, drawing date, NCTCOG logo, standard specification reference, and standard drawing number.

Figure 2.4 Schematics of Organic Filter Tube Check Dams

* Remove “organic” throughout
* Reference Standard Specification 202.18

Figure 3.6 Filter Tube Curb Inlet Protection

* Where the drawing mentions 4”x4” welded wire fabric include the additional specifications of W1.4XW1.4 (as seen in Figure 3.7 Hog Wire Weir Curb Inlet Protection)
* The group discussed making the language relating to wire fabric consistent throughout, but decided against it. Keeping the language as it is currently is more specific than modifying the language to be the same throughout.

Figure 3.5 2” x 4” Weir Curb Inlet Protection

* Do not include Figure 3.5 in Construction Standards document
* The content of this figure is already covered by a more widely used figure (specifically, Figure 3.6 Filter Tube Curb Inlet Protection)
* The iSWM Subcommittee and Halff Associates will discuss this item at their next meeting and determine an alternative to this schematic.

Figure 3.7 Hog Wire Weir Curb Inlet Protection

* Remove the word “hog” throughout
* Make inlets/boxes look consistent throughout. Specifically, eliminate the box with dot hatching and replace it with a depiction and hatching similar to what is used in the Figure 3.6 section view. The current dot hatching does not carry any significance in relation to the drawing.

Figure 3.9 Curb Rock Sock On-Grade Curb Inlet Protection

* Include language in the top right corner regarding active city streets, as is present in Figure 3.6
* Change “crushed rock” to “filter stone” throughout
* Combine notes from page (2 of 2) with figure on page (1 of 2), resulting in schematic and notes being housed on one sheet
* Change “bedrock or hard surface” to “pavement”
* Inlet needs to be consistent with Figures 3.6 and 3.7
* Reference Standard Specification 202.14.2

Figure 3.13 Filter Tube Area Inlet Protection

* Remove “or use sandbags” from text stating “Stake ~~or use of sandbags~~ on downhill side of log as need to hold in place (typical)”
* Replace “= XX” with “12” min. or” in text stating “Filter tube diameter = XX as specified on plan” throughout
* Remove “1 ½” – 2” bedding trench” text throughout
* Replace “#3 rebar” with “metal stakes”
* Change “1” – 2” min.” on embedment example for filter tube to “2” min.”

Figure 3.4 Dewatering Controls

* Change Note 1 to state the following: “The bag should be a non-woven, needle-punched, geotextile. Materials should conform to specification 202.5.2.1 as a minimum”

\*Additionally, as seen in Figure 3.4, ASTM test D4833 has been updated to D6241. This change should be made in Standard Specification 202.5.2.1(2). The weight listed in this specification will also need to be updated according to ASTM D6241.

1. **Next Steps.** Subcommittee will review the Standard Drawings Questionnaire results. Subcommittee will outline next steps to be taken by NCTCOG staff and the group as a whole before the next meeting.

The subcommittee reviewed the questionnaire results and determine the group will review the Division 6000 Storm Water Drainage drawings starting next meeting.

NCTCOG staff will solicit additional volunteers with relevant expertise from the Public Works Council (as well as Council members’ inspectors and team members) to join the Subcommittee in its review of Division 6000.

In addition, NCTCOG staff will reach out to individuals from the Texas Concrete Pipe Association, Plastics Pipe Institute, and PVC Pipe Association for the following information:

* Drawing mark-ups and updates for Divisions 3000, 4000, 5000, and 6000
* Proposed additional drawings

Individuals from these entities will be asked to provide the listed information above before the January 14, 2019 meeting for Division 6000, and before the March 11, 2019 meeting for Divisions 3000, 4000, and 5000

The Subcommittee will review and consider these mark-ups and additions during their upcoming meetings. The Subcommittee may choose to request that individuals from these entities attend as a special guest in order to respond to and discuss questions that arise as part of their review.

1. **NEXT MEETING.** The next Standard Drawings Subcommittee meeting is scheduled for Monday December 17, 2018 at 10 a.m. in NCTCOG’s Metroplex Conference Room.
2. **Adjournment.**

If you plan to attend this public meeting and you have a disability that requires special arrangements at the meeting, please contact Kate Powers by phone at (817) 695-9213 or by email at kpowers@nctcog.org, 72 hours in advance of the meeting. Reasonable accommodations will be made to assist your needs.