**SUMMARY**

**Public Works Standard Drawings Subcommittee**

Monday, September 24, 2018

10:00 AM – 11:30 AM, Swing Space – Large Conference Room (CP3)

NCTCOG Offices

600 Six Flags Drive, Arlington, Texas 76011

1. **Welcome and Introductions**.
2. **Division 1000 Drawings.** Subcommittee will continue to review Public Works Construction Standards Fifth Edition Division 1000 drawings.

Subcommittee members discussed edits for the following drawings:

* Figure 2.3 Schematics of Sack Gabion Check Dams
	+ New drawing
	+ Replace the notes at the bottom of the schematics with the following language:

*Notes: Actual dimensions of the check dams shall be designed based on flow conditions in the drainage swale or ditch. Height (H) and spacing (L) of check dams as provided in plans by owner or owner’s representative. Provide calculations that document the following parameters used to design the check dams.*

* Figure 2.4 Schematics of Organic Filter Tube Check Dams
	+ New drawing
	+ Include (H) in the arrow designating the *9” – 20” per design calculations* section
	+ Replace the notes at the bottom of the schematics with the following language:

*Notes: Actual dimensions of the check dams shall be designed based on flow conditions in the drainage swale or ditch. Height (H) and spacing (L) of check dams as provided in plans by owner or owner’s representative. Provide calculations that document the following parameters used to design the check dams.*

* Figure 3.30 Schematics of Excavated Stone Outlet Sediment Trap
	+ New drawing
	+ Replace the notes at the bottom of the schematics with the following language:

*Notes:*

* + - *Actual dimensions of the sediment trap shall be designed based on flow conditions and site topography.*
		- *Provide calculations upon request of the reviewing agency.*
		- *Design of volume, height, slope, and length as provided in plans provided by owner or owner’s representative.*
* Figure 3.31 Schematics of Bermed Stone Outlet Sediment Trap
	+ New drawing
	+ Edit *2:1 max slide slopes* to *2:1 max side slopes*
	+ Include *min. freeboard of 10”* and *40” max to top of rock* on right side
	+ Remove internal leader line from freeboard dimensions
	+ Remove table (?)
	+ Replace the notes at the bottom of the schematics with the following language:

*Notes:*

* + - *Actual dimensions of the sediment trap shall be designed based on flow conditions and site topography.*
		- *Provide calculations upon request of the reviewing agency.*
		- *Design of volume, height, slope, and length as provided in plans provided by owner or owner’s representative.*
* Figure 3.20 Schematics of Sediment Basin with Overflow Riser
	+ Drawing 1100 Replacement
	+ Separate the plan view and cross section into two separate drawings designate as A and B
	+ Include arrow indicating flow
	+ Include perforation on riser and include label “Perforated Riser”
	+ Include the following language:

*Note: Pipe size, rock size, and berm height as provided in plans by owner or owner’s representative.*

*Optional: A collar of 1.5-3 inch, well graded gravel (not shown) may be placed around the perforated riser.*

* Figure 3.28 Standard Construction Detail – for Silt Fence
	+ Replacement for PWCS Drawing 1020A,B
	+ Remove “Isometric Plan View” and replace with “Silt Fence”
	+ Remove “Chain link fence fabric is acceptable.”
* Figure 2.1 Standard Construction Detail – Rock Check Dams
	+ Replace “D” with “H” throughout
	+ Remove all text following the second sentence of the notes section.
	+ Include the following language after the second sentence of the notes section:

*Height (H) and Spacing (S) of check dam as provided in plans by owner or owner’s representative. Provide calculations upon request of the reviewing agency.*

* Figure 3.29 Standard Construction Detail – Stabilized Construction Exit
	+ Remove the following text: *Drainage must flow away from entrance.*
	+ Replace “entrance” with “exit” throughout drawing and notes.
1. **Next Steps.** Subcommittee will outline next steps to be taken by NCTCOG staff and the group as a whole before the next meeting.

Administrative updates will be provided to the subcommittee after all edits, removals, additions, etc. have been made to the Division 1000 Drawings.

1. **NEXT MEETING.** The next Standard Drawings Subcommittee is scheduled for Monday October 22, 2018 at 10 a.m. in NCTCOG’s Six Flags Conference Room.

The Subcommitteecame to a consensus that the group will meet the 2nd Monday of every month moving forward.

Next Potential meeting dates:

* **November 12, 2018 at 10 a.m., Regional Forum Room**
* November 19, 2018 at 10 a.m., Metroplex Conference Room
* November 26, 2018 at 10 a.m., Regional Forum Room
* December 3, 2018 at 10 a.m., Metroplex Conference Room
* **December 10, 2018 at 10 a.m., Six Flags Conference Room**
* December 17, 2018 at 10 a.m., Metroplex Conference Room
1. **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.