



North Central Texas Council of Governments

SUMMARY

Public Works Standard Drawings Subcommittee

Monday, June 4, 2018

10:00 AM – 11:00 PM, Regional Forum Room (CPII)

NCTCOG Offices

616 Six Flags Drive, Arlington, Texas 76011

1. Welcome and Introductions.

DISCUSSION

2. **Survey Results.** Subcommittee will review survey results and feedback collected from iSWM and Stormwater subcommittee members.

NCTCOG staff presented subcommittee with results from survey sent to iSWM and Stormwater subcommittee members. NCTCOG received 6 survey responses from this group.

Below are the top-voted schematics, voted upon by Standard Drawings, iSWM, and Stormwater Subcommittee members:

1. Figure 2.11 Schematics of Turf Reinforcement Mats (5 votes)
2. Figure 3.3 Schematics of Depressed Pavement Replacement Sediment Trap (4 votes)
3. Figure 3.23 Example of Basin Outlet Design (4 votes)
4. Figure 4.1 Schematics of Concrete Washout Containment (4 votes)
5. Figure 2.8 Anchor Examples for Erosion Control Blankets (3 votes)
6. Figure 2.12 Examples of Turf Reinforcement Mats (3 votes)
7. Figure 3.5 Schematics of 2"x4" Weir Curb Inlet Protection (3 votes)
8. Figure 3.10 Schematics of Filter Fabric Area Inlet Protection (3 votes)
9. Figure 3.11 Schematics of Excavated Impoundment Area Inlet Protection (3 votes)
10. Figure 4.2 Schematic of Control for Subgrade Stabilization (3 votes)
11. Figure 4.3 Concrete Waste Management (3 votes)

3. **Prioritization of iSWM Schematics.** Subcommittee will prioritize 10 schematics to add/update as part of the iSWM work scope. Items 2,8, 2.11, 2.12, 3.10, grouted rock rip-rap, and creek trash screen/catch were a beginning point of selection at the 4/30/2018 meeting.

Discussion by Subcommittee members:

- Remove Figure 3.3 Schematics of Depressed Pavement Replacement Sediment Trap, as there is little to update on this schematic
- Remove Figure 3.23 Example of Basin Outlet Design, as this detail is design-focused

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- Removed Figure 4.2 Schematic of Controls for Subgrade Stabilization, as it is not a construction-oriented detail
- Remove Figure 4.3 Concrete Waste management, as it overlaps with Figure 4.1 Schematics of Concrete Washout Containment
- Figure 4.5 Hyper-chlorinated Water Mgmt likely needs to be edited due to potential conflict with TCEQ standards
- Figure 3.12 Schematics of Block and Gravel Area Inlet Protection is commonly used and encountered often in the field
- Add Figure 2.13 Schematics of Velocity Dissipation Device to the priority list

Final selection:

1. Figure 2.8 Anchor Examples for Erosion Control Blankets
 2. Figure 2.11 Schematics of Turf Reinforcement Mats
 3. Figure 2.12 Examples of Turf Reinforcement Mats
 4. Figure 2.13 Schematics of Velocity Dissipation Device
 5. Figure 3.5 Schematics of 2"x4" Weir Curb Inlet Protection
 6. Figure 3.10 Schematics of Filter Fabric Area Inlet Protection
 7. Figure 3.11 Schematics of Excavated Impoundment Area Inlet Protection
 8. Figure 4.1 Schematics of Concrete Washout Containment
 9. Grouted Rock Rip-Rap Detail
 10. Creek Trash Screen/Catch Detail
4. **Division 1000 Drawings.** If time allows, the Subcommittee will review remaining outdated drawings in Division 1000.

Group to review the following Division 1000 drawings for next meeting:

- **1030A, 1030B – Interceptor Swale**
- **1040A, 1040B – Diversion Dike**
- **1050A, 1050B – Triangular Sediment Filter Dike**
- **1080A, 1080B – Sand Bag Check Dam**
- **1090 – Stone Outlet, Sediment Trap**
- **1110 – Pipe Slope Drain**

The following Division 1000 Drawings have already been covered by previous Halff drawings:

- 1020A & 1020B: Silt Fence
- 1060A & 1060B: Rock Check Dam
- 1070A & 1070B: Stabilized Construction Entrance
- 1100: Pipe Outlet, Sediment Basin
- 1160A & 1160B: Erosion Control Blankets

The following Division 1000 Drawings will be covered by new Halff drawings:

- 1120: Inlet Protection, Filter Barrier
- 1130: Inlet Protection-Drop, Block and Gravel
- 1140: Inlet Protection-Curb, Block and Gravel
- 1150: Inlet Protection, Excavated Impoundment

5. **Next Steps.** Subcommittee will outline next steps to be taken by NCTCOG staff and the group as a whole before the next meeting.



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The group would prefer to all access the same file and have everyone be able to mark-up the same drawing. A file-share system will be figured out and provided by NCTCOG staff. NCTCOG staff will explore Blue Beam studio session as an option, as well as Google Drive/Slides.

Discussion was held on intern or student who will be updating the red-lines. NCTCOG staff will supply the mark-ups final version to the Subcommittee and ensure that they are happy as we go, before we post as finalized. NCTCOG staff will either use an internal temporary intern or a university student.

OTHER BUSINESS

6. Outside requests for membership.

The subcommittee expressed placing value in balance and impartiality of the subcommittee.

Texas Concrete Pipe Association, PVC Pipe Association, and other related association representatives can be invited as non-voting members to provide their expertise during the review of Divisions 3000, 4000, and 6000. NCTCOG staff to handle contacts, research, and communication. NCTCOG staff will also work to replace retired member of subcommittee with an individual from a comparable entity.

7. NEXT MEETING. Date and time to be determined by subcommittee.

Possible meeting dates:

Monday July 2, 2018 at 10 a.m., Regional Forum Room
Monday July 30, 2018 at 10 a.m., Metroplex Conference Room
Monday August 6, 2018 at 10 a.m., Regional Forum Room

Final Dates Chosen:

Monday July 2, 2018 at 10 a.m., Regional Forum Room
Monday August 6, 2018 at 10 a.m., Regional Forum Room

Next Public Works Council Meeting scheduled for August 16, 2018

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.

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