



North Central Texas Council of Governments

# AGENDA

## Public Works Standard Drawings Subcommittee

Monday, April 30, 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. **iSWM Schematics.** Subcommittee will review schematics from iSWM Technical Manual, and prioritize schematics to update as part of the iSWM work scope.
  - The iSWM schematics are generally more detailed than the Construction Standard Drawings. The Construction Standards work as a baseline/foundation, where additions can be included based on the situation. The Construction Standards act as the minimum expectation, while the iSWM schematics can act as different alternatives entities can choose to pursue.
  - The current Construction Standard Drawings (Fifth Edition) are from 2004. The policy for many communities is to use the “latest edition,” however, this is not always the case. Keith brought up that the Fourth Edition (2004) was not adopted by many communities until 2010.
  - The group discussed potentially referencing the iSWM manual in the Construction Standards. It was mentioned that it would be more convenient for small communities, as they are unlikely to reference multiple documents.
  - There may be an issue with Figure 3.9 Curb Rock Sock On-Grade Curb Inlet Protection (*this schematics has already been updated by Halff Associates*) due to its protrusion into the drive lane. However, this issue is addressed in Note 2 of the schematic, which states “do not install on inlets where the rock socks would extend into an active travel lane.”
  - Potentially, the group can eliminate drawings that get little use or are outdated.

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- The group discussed the write-in items included in the survey. They believe it would be beneficial to add new schematics to the iSWM manual, specifically schematics for grouted rip-rap and creek trash screen/catch. It is beneficial both in the sense that these new schematics will be useful to our communities and it is a good use of NCTCOG resources to contract this task to Halff Associates for their development.
- Jessica mentioned that many of the communities she works with are interested in the use of turf. She also brought up the point that turf mats are often used in the long-term, while erosion control blankets are usually used in a more temporary fashion, specifically during construction. It was suggested that the word “permanent” be added to the title of Figure 2.11 Schematics of Turf Reinforcement Mats. It is important to distinguish between permanent and temporary. Figure 2.8 may become Anchor Examples for Temporary Erosion Control Blankets. In addition, Figure 2.11 may become Permanent Turf Reinforcement Mats.
- The drawings should include minimum spacing of anchors – this would be very helpful to individuals out in the field.
- The group may want to drop Figure 2.8 Anchor Examples for Erosion Control Blankets from the list as this is covered already in Halff’s Figure 2.7 Temporary Erosion Control Blankets.
- Updating Figure 3.23 Example of Basin Outlet Design should not be a selection as it has been updated as Halff’s 3.20 Sediment Basin with Overflow Riser (also updates Standard Drawings 1100).
- Below are the schematics prioritized by the group:

#### Schematics to Update

1. Figure 2.8 Anchor Examples for Temporary Erosion Control Blankets (goes with Halff’s 2.7 Temporary Erosion Control Blankets)
2. Figure 2.11 Permanent Turf Reinforcement Mats
3. Figure 2.12 Anchor Examples for Permanent Turf Reinforcement Mats
4. Figure 3.10 Filter Fabric Area Inlet Protection (replaces Standard Drawings 1120)

#### Schematics/Drawings to Add

1. Grouted Rip-Rap
2. Creek Trash Screen/Catch
3. **Division 1000 Drawings.** Subcommittee will review remaining outdated drawings in Division 1000.

This item was not covered during the meeting, and will be moved to the next meeting.



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

NCTCOG staff will send a survey to iSWM and Stormwater committee members to receive their feedback on which schematics to add/update.

### OTHER BUSINESS

5. **NEXT MEETING.** Date and time to be determined by subcommittee.

Possible meeting dates:

Monday June 4, 2018 at 10 a.m., Regional Forum Room  
Monday June 25, 2018 at 10 a.m., Regional Forum Room

Final date selected: Monday June 4, 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](mailto:kpowers@nctcog.org), 72 hours in advance of the meeting. Reasonable accommodations will be made to assist your needs.

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