



North Central Texas Council of Governments

SUMMARY

Public Works Standard Drawings Subcommittee

Monday, April 19, 2021

10:00 AM – 11:30 AM

Microsoft Teams

https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZTI3ZjRhNDMtYjU5NS00OWIzLWJmZDQ0ODM4MDM2ZTZhMWZj%40thead.v2/0?context=%7b%22Tid%22%3a%222f5e7ebc-22b0-4fbe-934c-aabddb4e29b1%22%2c%22Oid%22%3a%222370af9a-6a25-4148-ae37-eafdba62b654%22%7d

1. **Welcome and Introductions.**
2. **Meeting Summary.** The subcommittee can provide feedback on the March 22nd meeting summary.

Keith Marvin described the composite manhole covers as corrosive resistant not crumbly.

3. **Review comments from Division 4000.** The Public Works Council submitted a few comments for Division 4000.

The subcommittee would like to revisit these comments against the comments they already made to Division 4000.

4. **Review Frisco Trash Screen.** Half Associates sent the draft detail of the Frisco Trash Screen. This work was approved at the March 25th Public Works Council meeting.

The subcommittee thought there was very little dimensions and information on how to build the trash screen. This format would be fine for an iSWM schematic but is not a structural drawing like those in the Construction Standards. They would like dimensions on the steel, angles, and tubing as a standard so that cities can apply their own deviation for sizing. The group discussed providing examples of the weir block, anchored wheel stop or other device as appropriate. They also want more detail and guidance on mounting (bolts, tensioner, etc). Additionally, they would like to see 24"x24" and 48"x48" boxes for varying bag sizes and varying applications.

5. **Division 5000 Review.** The Subcommittee will begin reviewing Division 5000: Wastewater Collection.
5070

- For straight pipe that comes in at the top, remove arrow and leave open on the right side.

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- The detail starts to show how to build a manhole but it should reference back to the manhole detail for barrel and cone.
- Add note, “Extend as directed by owner” and consider Lewisville detail to show this.

5080

- Remove the ball used as a connection piece.
- Show support (straps) 3’-4’ apart minimum, reference Lewisville details.
- Add note, “4’ maximum of spacing, 2 straps minimum,”
- As shown in the previous detail, resilient collar should surround the incoming pipe on drop.

5090

- Rename from “Line Intersection” to “Invert Detail.”

5100

- Remove detail and replace with a detail for a wastewater access detail. Reference Dallas Water Utilities and Lewisville detail.

5110

- Add note, “Only to be used with express consent of the owner.”
- Remove “Class C embedment for clay pipe.”

5120

- On key change note to, “or tap”
- Add note, “Minimum 9’ separation from water service.”

5130-5160

- The wastewater lateral details should be cleaned up, it’s unnecessary to have 5 drawings. However, they need to stay consistent with specification 502.10.4.1 on page 502-28. Mathew will provide feedback outside of meeting.

5140

- Send this detail to Bass & Hays and ask if they use it or if it’s relevant to them.

5170

- Add a note pointed to the cone area, “Removal depth limited to 2’ above ground or as directed by owner.”

The subcommittee would like to add drawings for a wastewater access device, encasement pipe, tracer wire or tape, forced mains, manhole odor control (device to release gasses), and possibly a manhole detail.

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

Olivia will send the groups comments to Halff Associates on the Frisco Trash Screen.

7. **Next Meeting.** The Standard Drawings Subcommittee next meeting is Monday, May 24, 2021 through Microsoft Teams.

8. **Adjournment.**

If you plan to attend this public meeting and you have a disability that requires special arrangements at the meeting, please contact Olivia Kale by email at okale@nctcog.org, 72 hours in advance of the meeting. Reasonable accommodations will be made to assist your needs.



North Central Texas Council of Governments

Standard Drawings Attendance April 19, 2021

Keith Marvin (Lewisville)
Manny Palacios (Weatherford)
Mathew Busby (LAN)
Chris Cha (Pacheco Koch)
Edith Marvin, NCTCOG
Brian Salvesen, NCTCOG

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