

North Central Texas Council of Governments

SUMMARY

Public Works Construction Standards Subcommittee

Wednesday, March 11, 2026

10:00 a.m. – 12 p.m. (CST)

In-Person Meeting

NCTCOG Offices, Metroplex Conference Room

616 Six Flags Drive, Centerpoint II

Arlington, TX 76011

Welcome, Introductions, and Background. The NCTCOG will welcome everyone to the meeting and provide subcommittee background information.

Madisson Dunn (NCTCOG) welcomed attendees, reviewed housekeeping items, and presented background context on the Public Works Construction Standards and the subcommittee.

ACTION ITEM

1. **Construction Revision Submissions Review.** NCTCOG will reintroduce each revision submission to the subcommittee. Members will need to review the item; provide any comments or feedback; and vote on accepting the suggestion, modifying the request prior to acceptance, or rejecting the request. Subcommittee members received all submitted revisions two weeks prior to the meeting. (Madisson Dunn)

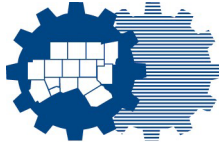
Submission #1 (502.10.3.2 and 502.10.4). Madisson Dunn (NCTCOG) presented the submission to include “locatable/traceable” in the water and wastewater utility line sections. Mat Busby (LJA Engineering) asked if this specification conflicts with other utility/warning tape specifications. Madisson stated she is unaware if this submission conflicts with other specifications. Mat mentioned he doesn’t think it is relevant because each service contractor could interpret differently, dependent on the context, and therefore he is concerned about the wording. Marshall Agee (Porter Associates/3M) specified that this is for use on all water and sewer pipelines (with each color emitting a different frequency) and intends to replace tracer wire. Mat stated the addition of the revision is fine, but the people using this standard don’t utilize it daily. He further emphasized not including manufacturer-specific information. Marshall explained the submission was revised to omit manufacturer-specific information. Marshall and Wesley Horky (3M) elaborated that this type of warning tape is popular in Rowlett, Waxahachie, Duncanville, and other regions. Mat stated he had no problem with the recommended revision. Jacob Reinig (Kimley-Horn) asked what other sections may need to be updated with similar language. The subcommittee approved this revision.

Submission #2 (303.2.1 – 303.2.12.1). Madisson Dunn (NCTCOG) presented the submission to revise the expansion joint materials section to include Southern Yellow Pine and Redwood. Sam Davis (Texas Asphalt Pavement Association (TXAPA)) noted the concern of trying to grade pressure-treated lumber in the field. He mentioned from his own contractor experience, redwood was easier, but pine was challenging. Jacob Reinig (Kimley-Horn) agreed and elaborated that

redwood is intended to not degrade over time while other tree species shrink, crack, and break at a higher rate. He mentioned that longevity will not be consistent if other materials are used. Jacob asked the group if other materials were being used in expansion joints. Sam added that the grade of the redwood also needs to be considered. Jacob asked if Cypresswood and Douglas wood are also defined similarly to the submission. Mat Busby (LJA Engineering) mentioned that the Materials section should be consistent with other material sections (such as the Pipe Materials section). Jacob stated the current Materials section could be revised to describe the material properties and types. Mat recommended reaching out to the submitter to understand what they are trying to address in the revision. Madisson clarified that the submission was submitted by a municipality. Mat also recommended asking the Public Works Council (PWC) if anyone sees alternative materials utilized for expansion joints, otherwise the section should cover the industry standard. The subcommittee agreed that redwood is the most consistent material used. Sam asked if the standards need to be clarified to describe what materials are being used. The subcommittee tabled this revision submission until further information is gathered.

Submission #3 (501.7.3). Madisson Dunn (NCTCOG) presented the submission on removing the requirement for asphaltic coating on ductile iron pipe. Mat Busby (LJA Engineering) stated he approves the revision as submitted. The subcommittee approved the revision.

Submission #4 (501.23). Madisson Dunn (NCTCOG) presented the submission on revising the polyethylene and polypropylene stormwater pipe requirements and standards. Alyssa Samarco (ADS Pipe) provided background context on the submission. She mentioned there used to be two different standards for the American Society for Testing and Materials (ASTM). The proposed revision includes use of recycled materials in stormwater pipes to reflect what's in the market. Chris Rowland (AmeriTex Pipe and Products) asked if virgin materials were still used, and if pipes under 12 inches exist. Alyssa answered that virgin materials are still used, but they aren't as common as recycled materials, and the ASTM doesn't specify pipes under 12 inches. Chris asked if the revision is for a larger dimension of pipe. Alyssa answered that since the ASTM was split, the diameters in question are mentioned later. Mat Busby (LJA Engineering) asked why the American Association of State Highway and Transportation Officials (AASHTO) doesn't provide standards for pipe diameters smaller than 12 inches. Jacob Reinig (Kimley-Horn) stated that may be due to typical storm drainage installations are 12 inches or greater. Mat asked why there is a requirement only for pipes between 12 – 60 inches. Alyssa answered because the stiffness is adequate. Mat asked if anyone is making items in different cell classifications and if so, could it be added to the table. Alyssa answered the wording in ASTM has added new requirements for recycled materials. Mat asked if virgin materials still apply under the new cell classification which Alyssa confirmed. Mat asked if there are other test methods not referenced, if not, he advised removing the last sentence of 501.23.2.2, as it is already specified in AASHTO. He continued to emphasize the only consideration for 501.23.2 is the cell classification statement. Jacob asked if the contractor should be familiar enough with AASHTO or should the testing requirement be restated. Alyssa mentioned the testing requirement should be stated due to the change in allowable materials. Mat requested the item be tabled to verify the reference standards are correct. Subcommittee members noted that ASTM F2648 in 501.23.5.2 and ASTM 2736 in 501.23.4.3 need to be updated to ASTM F2881. Alyssa stated the revision to the Backfilling paragraph is to comply with ASTM. Jacob asked if this revision is to reduce the bedding depth which Alyssa confirmed. Mat stated the section may need to specify the geotextile as most are specified under stormwater best management practices. Alyssa mentioned she did not see details for geotextiles but would provide suggestions if desired. Mat mentioned those details should be included under the Stormwater section, but there may be a weakness in the NCTCOG Construction Standards. Jacob asked



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who determines, the owner or engineer, if migration of fines (under 508.6.5.2) is a concern and that detail would need to be added to the geotextile fabrics reference. Chris mentioned that changes to the Backfilling section would contradict the Type III sub-bullet, so be aware. Reece Taylor (Braun Intertec) stated that the definitions for final and initial backfill need to be consistent within the section. Jacob asked if the first sentence of the Backfilling section could be revised to state "...pipe bedding to the crown...". Mat advised that section 100 and 504 need to have definitions cleaned up. Alyssa stated she would research and share more information later. The subcommittee tabled this submission until further information is gathered.

Submission #5 (501). Madisson Dunn (NCTCOG) presented the submission for adding Steel Reinforced Polyethylene Pipe (SPRE) to the Underground Conduit Materials section. Kinan Nadar (Contech ES) provided context and additional materials on SPRE, including that it is a TxDOT approved product for stormwater under special provisions. Jacob Reinig (Kimley-Horn) stated that he is not familiar enough to make an informed decision. Mat Busby (LJA Engineering) asked if Contech is the only company who produces this product and if the product is patented. Kinan answered yes, and the product is patented. Mat stated he is unsure if this should be added as it is a sole source product, even if the product is not specified by name. Mat referred this decision to the Public Works Council to decide if the Construction Standards should include sole source products. Sam offered a solution of stating "Materials previously approved by TxDOT for storm drainage are acceptable" as SPRE is an alternative material type for concrete pipes. Kinan added that this product increases competition in pipes 60 inches or greater and is relevant in several different applications including airports. The subcommittee tabled this submission until further information is gathered.

Submission #6 (302). Madisson Dunn (NCTCOG) presented the submission to completely revise Item 302: Asphalt. Sam Davis (TXAPA) shared background context on the NCTCOG specification and the new Texas Asphalt Pavement Association (TXAPA) and TxDOT asphalt standards. He mentioned that TXAPA is willing to sit with a subcommittee to generate a specification draft. Mat Busby (LJA Engineering) stated that he is for updating the specification to the TxDOT standard, without overly repetitive references. Reese Taylor (Braun Intertec) asked if the TXAPA specification mirrors TxDOT's standard. Jacob Reinig (Kimley-Horn) asked if the TxDOT standard references other standards. Sam answered no. Jacob asked what happens if TxDOT is absolved, raising the question of whether the subcommittee wants the NCTCOG specification to be tied to the TxDOT standard. Sam emphasized the need for revisions since the current specification is 20 years old. Jacob agreed but asked the group if the Construction Standards should be tied to another entity's specifications. Mat asked for the differences between asphalt at the state level versus municipal level. Sam stated the NCTCOG specification has no requirements for testing or certification to verify quality of asphalt. Jacob asked if the subcommittee wants to define this section to the same degree. He elaborated that though concrete is used more than asphalt, it is becoming more competitive. Mat asked if this applies to thin overlays (0.5 inches). Sam stated no, but most residential streets are paved with asphalt. Jacob asked if the subcommittee could omit sections of the TxDOT standard that do not apply to our region/climate. He added his support for an ad hoc subcommittee to include other subject matter experts (including a geoprofessional) to address Item 302. Mat stated consistency is necessary, and this section should look like the concrete specification. Jacob added that there is a challenge when handling mixed design reviews, which includes

contradicting specifications. The subcommittee tabled this submission until an ad hoc asphalt subcommittee is formed.

Submission #7 (303.5.6.2). Madisson Dunn (NCTCOG) presented the submission on correcting a concrete pavement inconsistency. Jacob Reinig (Kimley-Horn) stated that the revision makes sense and added that this inconsistency may have been missed during a previous revision. Sam Davis (TXAPA) elaborated that the addition of a sack is a safety factor and ½ sack should be plenty. Jacob stated the sentence should be omitted. The subcommittee approved the revision.

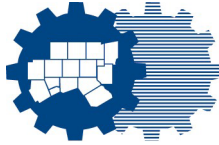
Submission #8 (109.3.2). Madisson Dunn (NCTCOG) presented the submission on payment language. Mat Busby (LJA Engineering) agrees with the submission. Sam Davis (TXAPA) stated many cities will have contingency items. Mat asked if a municipality submitted this request. Madisson clarified that this revision was submitted by an engineering firm. Jacob Reinig (Kimley-Horn) asked the group if this is the language the subcommittee wants. Mat stated the language looks good, and it reinforces payment before work commences. The subcommittee approved the revision.

Madisson Dunn (NCTCOG) shared some recommendations from NCTCOG staff on the standards, including a recommendation to decrease the chlorine residual for continuous feed discharge. Mat Busby (LJA Engineering) asked if the construction discharge would be covered by the Construction General Permit. Madisson stated it would depend on the size of the construction site for permit coverage. Sam Davis (TXAPA) stated the 4 mg/L residual seems high and mentioned asking the Public Works Council (PWC). Mat stated he is not familiar with continuous feed methods, but the chlorine should eventually burn off. Jacob Reinig (Kimley-Horn) asked the group to consider the timeline of how long it would take the chlorine residual to drop. The subcommittee requested the concern with 506.7.5.2 be brought before the PWC once the Texas Commission on Environmental Quality provides input. The subcommittee requested that Business Days and Performance Bond be added to the Definitions section, SW3P be added to the Acronyms section, a comma added to the Completion Time definition, and a review of the Subcontractors definition. Madisson asked the subcommittee if there is a benefit of a centralized list of municipalities that use the exact or adapted version of the Public Works Construction Standards. Jacob mentioned that though beneficial, it may be burdensome to keep up with, dependent on NCTCOG staff time. Marshall Agee (Porter Associates/3M) stated from a contractor's perspective, a list would be helpful. Sam recommended using an asterisk on the website to state this may not be a full list. He mentioned this list may be a way to interpret who is using the Public Works Construction Standards but not paying into the cost share program.

DISCUSSION ITEMS

2. **Review and Revision Cycle.** NCTCOG will update the subcommittee on the current frequency of submission reviews. Members will also be asked to provide input regarding how often new editions of the Public Works Construction Standards should be published. (Crysta Guzman)

Crysta Guzman (NCTCOG) shared information about the current structure and frequency of reviewing submissions. She asked the subcommittee how often the standards should be published. Mat Busby (LJA Engineering) stated he did not want the standards to be a revolving door of monthly publications. Jacob Reinig (Kimley-Horn) recommended including a special provisions addendum to items to be included in the next edition. Sam Davis (TXAPA) stated he does not believe it's ethical to wait for publication when the standards are known to be out of



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date. He advised NCTCOG to include revision dates on everything. Jacob mentioned he is fine with less frequent updates if they are intentional. Mat recommended asking the PWC what merits a new edition of the standards. Tyler Bolen (American Pipe) shared Iowa specifications (SUDAS) as an example for publication frequency. Mat offered California Green Book as another example to research concerning update schedules. Reece Taylor (Braun Intertec) advised to bring this question before PWC. Mat agreed that what cities want should be considered, based on their expectations. Jacob added that the encumbrance of city council adoption processes should be considered.

INFORMATION ITEMS

3. **FY2026 Public Works Program Update.** The Subcommittee will be updated on recent Public Works Program efforts and Subcommittee activities. (Madisson Dunn)

Madisson Dunn (NCTCOG) shared that invoices were distributed in mid-January. FY2027 cost share estimates would be distributed in March to assist with budget planning.

- **Marketing.** NCTCOG will provide an update on the Public Works Training Calendar. (Crysta Guzman)

Crysta Guzman (NCTCOG) shared information on the public works promotional videos and LinkedIn page. She also updated the subcommittee on the [Public Works Training Calendar](#).

- **Training.** NCTCOG will provide an update on the Regional Public Works training for FY26. (Madisson Dunn)

Madisson Dunn (NCTCOG) shared that PWC has decided on New Inspector's training and Asphalt/Concrete training to be the training focuses for FY26.

- **Public Works Roundup.** NCTCOG will provide an update for the 27th Annual Public Works Roundup, scheduled for August 20, 2026, at the Hurst Conference Center. (Madisson Dunn)

Madisson Dunn (NCTCOG) shared that the Public Works Roundup will be held on August 20, 2026, at Hurst Conference Center. The PWC is collecting input on Roundup presentation topics through a survey, with feedback requested by March 31, 2026.

- **Integrated Stormwater Management (iSWM) Subcommittee.** NCTCOG will provide an update of iSWM program activities. (Crysta Guzman)

Crysta Guzman (NCTCOG) shared highlights from the last iSWM meeting, including guest speakers presenting on green stormwater infrastructure components of the Transportation and Stormwater Infrastructure (TSI) study. The iSWM Subcommittee also reviewed survey feedback to improve their website. The next iSWM meeting is scheduled for April 14, 2026, at 1:30pm in person.

OTHER BUSINESS

4. **The Next Public Works Construction Standards Subcommittee Meeting.** The next Subcommittee meeting will be scheduled for March 2027. Revision requests will be distributed to committee members every six months.

5. **Adjournment.**

If you have any questions regarding the meeting or agenda items, please contact Madisson Dunn by phone at (817) 704-5611, or by email at mdunn@nctcog.org.

If you plan to attend this public meeting and you have a disability that requires special arrangements at the meeting, please contact Ashley Barnet at (817) 695-9231 or abarnett@nctcog.org at least 72 hours in advance of the meeting. Reasonable accommodation will be made to assist your needs.

DRAFT



PW Construction Standards Subcommittee
10:00 a.m., Wednesday, March 11, 2026
Metroplex Conference Room



GUEST SIGN IN SHEET


NAME	REPRESENTS
SAM DAVIS	TXAPA / AGC
Marshall Asce	Porter Assoc. / 3M
Wesley Horky	3M
Alyssa Samarco	ADS
Tyler Bolen	American Pipe
Reece Taylor	TCEL
Chris Rowland - Guest	AGC
JACOB REDNIA	KIMLEY-HORN
JOHN LAM	ADS
Kinan Nadav	Contech ES
Zachary Longo	Contech ES



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MEMBER SIGN IN SHEET

NAME	SIGNATURE	REPRESENTS
Alan Brown		City of Duncanville
Brady Reeves		City of Grand Prairie
Mat Busby		LJA Engineering