

# PUBLIC WORKS COUNCIL

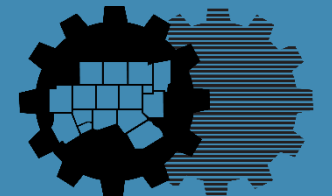
May 19, 2022

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## HAPPY NATIONAL PUBLIC WORKS WEEK

Thank you for being ready and resilient!

[www.nctcog.org/envir](http://www.nctcog.org/envir)



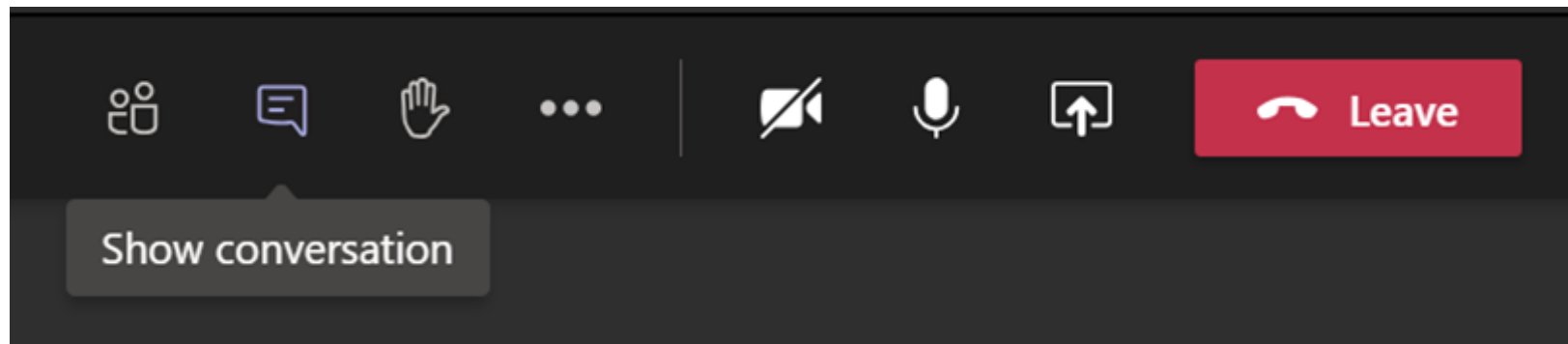
North Central Texas  
Council of Governments

# Thank you for joining the Public Works Council Meeting!

The meeting agenda, presentation and handouts are located on the Public Works Council webpage - <https://www.nctcog.org/envir/committees/public-works-council>

Please mute your microphone until ready to speak.

Please use the chat function to add your name and organization for attendance.



# **1. Welcome and Introductions**

# ACTION ITEMS

## 2. Meeting Summary

The [February 17<sup>th</sup> meeting summary](#) is available for review.

The Public Works Council will vote to approve the summary.

# DISCUSSION ITEMS

# 3. Integrated Stormwater Management (iSWM)



The iSWM Subcommittee will discuss if changes are needed to clarify language on the [iSWM Certification Implementation Tiered Measurement Form](#) for requirements that qualify Outcome 17 – Water Quality Protection as full, partial, or none.

17	Water Quality Protection				Require integrated site design practices; treat the water quality volume; and/or enact regional water quality programs	Section 1.3, Table 1.3; Section 3.2	
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## Process timeline:

- Subcommittee discussion - July 14<sup>th</sup>, 2021 subcommittee meeting
- Volunteer group review and discussion – August 12<sup>th</sup>, 2021
- Volunteer group review and discussion – January 7<sup>th</sup>, 2022
- Subcommittee discussion/review – January 12<sup>th</sup>, 2022 subcommittee meeting
- Volunteer group review and discussion – February 2022
- Subcommittee meeting – March 30<sup>th</sup> 2022
- Volunteer group review and discussion – April/May 2022
- Next subcommittee meeting – July 28<sup>th</sup>, 2022

# 4. SHARE Pavement Analysis Contract

SHARE Pavement Analysis Website: [https://northtexasshare.org/SHARE\\_partners/pavement-management-services/](https://northtexasshare.org/SHARE_partners/pavement-management-services/)

On May 6<sup>th</sup>, a group of PWC volunteers from Celina, Coppell, Dallas, Garland, Mesquite, Waxahachie, and Half Assoc participated in a discussion about potential enhancements to our Pavement Analysis Contract offered through NCTCOG SHARE.

All four vendors including ARA, DTS, Fugro, and IMS participated and shared ideas for customers to consider.

Agreed upon line item adjustment:

Modify line item to add “or ASTM E3303” that states: “Calculate a Pavement Condition Index (PCI) score for each road segment using an approved pavement management system and in accordance with ASTM D6433 or ASTM E3303. Provide results compatible with the Participant’s GIS database, if applicable”

Suggestion with no agreement reached:

Assets like signs should be quantified by “mile” rather than by “each” as currently quantified in the pricing.

Example of the original price list: [https://20424386.fs1.hubspotusercontent-na1.net/hubfs/20424386/IMS%20Pricing%20\(1\).pdf](https://20424386.fs1.hubspotusercontent-na1.net/hubfs/20424386/IMS%20Pricing%20(1).pdf)



# 4. SHARE Pavement Analysis Contract

7 additional items to add to the existing list were suggested by the vendors as add-ons for the SHARE Pavement Analysis contract during the May 6<sup>th</sup> meeting.

Those included:

- 1) Friction testing
- 2) Ground Penetrating Radar (for maintenance plans) for relocating utilities
- 3) Lane striping reflectivity quality
- 4) Trees
- 5) Bike lanes
- 6) Asset management tools or systems (not just collection), i.e. 15 year plan about how to fix or repair assets
- 7) Parking Lots Pavement Condition Assessment (Thru-Travel Lanes) w/ Inventory, Attribute, & Geodatabase Development – by s.f. or s.y. or "Small/ Medium/ Large" Plus \$ Add per Parking Lots

# 4. SHARE Pavement Analysis Contract

As agreed to, a follow up list of additional suggestions was sent to us following that meeting (by Jim Tourek with IMS) that included:

- 1) Sign & Support Database Development
- 2) Markings & Striping Database Development
- 3) Traffic Signals/ Flashers and Controllers Database Development
- 4) Street Lights Database Development
- 5) Drop Inlets Database Development
- 6) Drivepads Database Development
- 7) Bridges Database Development
- 8) Speed Humps Database Development
- 9) Street Furniture Database Development
- 10) Cattle Guards Database Development
- 11) Guardrails & Roadside Pedestrian Fence Database Development
- 12) Culverts and Ditches
- 13) Cabinets
- 14) Utility Poles
- 15) Fire Hydrant
- 16) Medians Database
- 17) Valves (see existing item 12)
- 18) Manhole Covers (see existing item 12)
- 19) Catch Basins/ Drainage Inlets
- 20) Sidewalk Database Development (see existing item 7)
- 21) Curb Ramp & Compliance Survey (see existing item 8)
- 22) Curb & Gutter Database Development (see existing item 11)
- 23) GIS Clean-Up Services
- 24) GIS Remote Training Sessions from GIS Manager/Expert (i.e. 3 Separate 2-Hour Sessions)
- 25) Full Written Final Report
- 26) City Council Presentation

# 5. Regional Public Works Draft FY23 Work Program

The Work Program details tasks that should be completed during the fiscal year under the Regional Public Works Program.

NCTCOG staff is asking the Council to review the [Draft FY23 Work Program](#) and provide comments before it is approved at the August meeting.

Standing Seat	FY22 Rep
City of Arlington	Christopher Funches
City of Carrollton	Jody Byerly
City of Dallas	Haytham Hassan
City of Denton	Pritam Deshmukh
City of Fort Worth	Juan Cadena
City of Frisco	Dan Franke
City of Garland	Michael Polocek
City of Irving	David Springob
City of McKinney	Paul Sparkman
Collin County	Mark Hines
Dallas County	Cecelia Rutherford
Denton County	Stephen Belknap

# 6. PUBLIC WORKS COUNCIL MEMBER TERMS EXPIRING

September 30, 2022

NCTCOG staff will reach out to these Council members about reappointments and the nomination process.

Subregion Seat	FY22 Rep
Denton/Lake Cities	George Marshall City of Corinth
East	Karl Zook City of Forney
Mid-Cities	Caroline Waggoner City of North Richland Hills
Northeast	Andrew Figueroa City of Celina
Northeast Dallas	Amy Williams City of Rockwall
Northwest	Joey Highfill Wise County
Southeast Dallas	Charles Brewer City of Hutchins
Southwest	Jeremy Hutt City of Cleburne
Southwest Dallas	Bryan Ramey City of Duncanville
West	Manny Palacios City of Weatherford

# 6. PUBLIC WORKS COUNCIL MEMBER TERMS EXPIRING

September 30, 2022

NCTCOG staff will reach out to the Council member and the subregions about the nomination process.

Private Seat	FY22 Rep
Texas Council of Engineering Laboratories / GeoProfessionals Serving Texas	Lyndon Cox Senior Principal/Dallas Construction Services Department Manager Terracon Consultants

# 6. PUBLIC WORKS COUNCIL MEMBER TERMS EXPIRING

September 30, 2022

NCTCOG staff will reach out to this Council member about reappointment and the nomination process.

# 7. Future Public Works Council Meetings

Would the Public Works Council like to start meeting in-person?

# INFORMATION ITEMS



# **8. FY 2022 Public Works Work Program Update**

# FY 2022 Public Works – Cost Share

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We have \$319,239 out of our \$360,000 budget (89%)

## Regional Public Works FY22 Cost-Share Participants

- ALLEN
- ARLINGTON
- AZLE
- BEDFORD
- BENBROOK
- CARROLLTON
- CEDAR HILL
- CELINA
- CLEBURNE
- COPPELL
- CORINTH
- DALLAS
- DUNCANVILLE
- EULESS
- FERRIS
- FOREST HILL
- FORT WORTH
- GARLAND
- GRAPEVINE
- HALTOM CITY
- HIGHLAND VILLAGE
- HUDSON OAKS
- HURST
- JOSHUA
- KELLER
- KENNEDALE
- LITTLE Elm
- LANCASTER
- LEWISVILLE
- MANSFIELD
- MCKINNEY
- N RICHLAND HILLS
- NEW FAIRVIEW
- PLANO
- PONDER
- RED OAK
- RICHARDSON
- ROCKWALL
- ROWLETT
- TERRELL
- UNIVERSITY PARK
- WATAUGA
- WAXAHACHIE
- WEATHERFORD
- WHITE SETTLEMENT
- WILMER
- WYLIE
- COLLIN COUNTY
- DALLAS COUNTY
- DENTON COUNTY
- ELLIS COUNTY
- ERATH COUNTY
- HUNT COUNTY
- JOHNSON COUNTY
- PARKER COUNTY
- TARRANT COUNTY

Thank you to our cost-sharing members! The Public Works Work Program would not be competed without your contributions!

If you have questions about the cost-share, please contact Olivia Kale at [Okale@nctcog.org](mailto:Okale@nctcog.org) or 817-695-9213.

# Public Works Roundup

Presented by Olivia Kale

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## Public Works Roundup

September 13, 2022

8:30am-4:00pm

## Grapevine Convention Center

1209 S Main St

Grapevine, TX 76051

A survey to vote on presentation topics will be emailed with this meeting follow-up.

Are there any topics that the Council wants to see included in the survey?

What type of catered lunch should be provided?

# Potential Public Works Roundup Presentation Topics

- Case studies of public works program internships in the region
- Waste-to-Resource Technology: producing value from waste as fuel, fertilizer, etc.
- Autonomous Vehicles
- Fleet Management
- Asset Management
- Technology for Field Crews
- Construction Best Management Practices for Site Design
- FEMA NFIP Risk Rating 2.0
- Wastewater Treatment Plant BMPs
- Drones
- LiDAR
- 2D Modeling: Floodplain
- Workzone Construction Site Safety
- Supervision in Public Works
- 5G Permitting and Implementation
- Green Infrastructure and Green Streets
- Micromobility and Last Mile Connectivity
- Concrete Mixtures and Asphalt Overlay
- Trail Oriented Development (TOD2)
- Implementing Fiber Optics for Smart Cities
- Street Construction and Maintenance
- Public Transportation
- Public Works Workforce Needs, Retention, and Recruitment
- Handling Bulk Waste After a Storm
- North Texas SHARE Contracts: Pavement Analysis, Water Parts, etc.
- Center of Development Excellence Panel Discussion
- I was selected for FEMA's Cooperating Technical Partnership (CTP) funding – what does that mean? A Mary's Creek example.
- What is the North Texas Regional Integration of Sustainability Efforts (RISE) Coalition?
- Water Quality update for Trinity River – what is being monitored these days, and how are we doing?
- Wastewater And Treatment Education Roundtable (WATER) activities for FY2021
- What is the Regional Early Flood Warning system by OneRain?
- Celebrating Leadership in Development Excellence (CLIDE) Awards

# Standard Drawings Subcommittee

Presented by Olivia Kale

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Division 1000 and 3000 have been completed and already approved by the Public Works Council

Division 2000 and 6000 are going through internal review by NCTCOG.

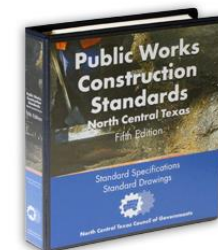
Division 4000 and 5000 are being edited by NCTCOG and will go through the final round of review by the subcommittee.

We anticipate bringing divisions 2000, 4000, 5000, and 6000 for final PWC consideration at the August 2022 meeting.

NCTCOG staff will release all divisions as updates to the Public Works Construction Standards once all drawings have been approved. We expect to release this as an electronic update to those that have purchased the 5th edition, and will begin incorporating the updated drawings in the books thereafter.

## Next Meeting

TBD



# Sustainable Public Rights of Way (SPROW)

Presented by Robert Woodbury

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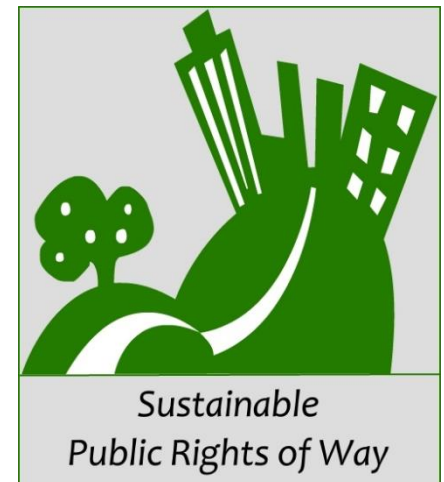
The Subcommittee will meet in July to start the topic of Complete Streets as the next chapter of the BMP Guidebook.

NCTCOG is researching bicycle plans in the region and looking for outside resources to reference in this chapter.

## Next Meeting

July Date TBD

Microsoft Teams





# Integrated Stormwater Management (iSWM)

Presented by Ranjan Muttiah

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- **Task 2 – Reorganize/Re-evaluate Site Development Controls**
    - BMP summary pages can be found [online](#)
  - **Task 3 – BMP Design and Maintenance Training**
    - [Virtual Training](#) on permeable pavement held on December 9<sup>th</sup>, 2021
  - **Task 4 – Technical Manual Updates**
    - Technical Manual Updates can be found [online](#)
  - **Task 5 – Guidance on Forebay Design**
    - Memorandum on Forebay Design Guidance can be found [online](#)
  - **Task 6 – Hydrologic Mimicry Research**
    - Memorandum with recommendations on Hydrologic Mimicry available [online](#)
  - **Task 7 – Technical Assistance for Case Studies/Outcome 17**
    - Identifying and evaluating potential case studies/Outcome 17 Language Revisions
  - **Task 8 – Economic Benefits of iSWM**
    - Brief educational documents are available [online](#)

# 9. Other Program Activities

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- **Cooperative Technical Partnership (CTP) Program** **% Complete**
  - FY19 Flood Risk Projects**
    - **Harriet Creek (Denton County, 7 miles)** – The survey is complete, and the hydrologic and hydraulic analyses are complete. **74%**
    - **Waxahachie Creek (Ellis County, Midlothian, Waxahachie; 19 miles)** – The survey is complete, and the hydrologic and hydraulic analyses are complete. **77%**
  - FY20 Flood Risk and Outreach Projects**
    - **Catherine Branch (Denton County)** – The survey is complete, and the hydrologic and hydraulic analyses are underway. **47%**
    - *In Progress:* Transportation and Stormwater Integrated Project Engagement – Community survey complete; stakeholder list developed; initial community meetings in early 2022.
  - FY21 Flood Risk Projects**
    - NCTCOG was awarded FY21 CTP grants for five projects including: Program Management; Hog Branch (Denton County); East Fork (Lowery Crossing and McKinney); Upper West Fork Discovery; COMS Project (CHARM Outreach Workshops)

For questions contact Jai-W Hayes-Jackson at [jhayes-jackson@nctcog.org](mailto:jhayes-jackson@nctcog.org) or 817-695-9212



# 9. Other Program Activities

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- **Community Rating System Users Group**

The last CRS Users Group Meeting was held March 22, 2022.

The next CRS Users Group/Elected Officials Meeting will be held this summer.

For questions about CRS Users Group, or to suggest future meeting topics, please contact Erin Blackman at [Eblackman@nctcog.org](mailto:Eblackman@nctcog.org) or (817) 608-2360.

Keep up with NCTCOG E&D meetings and events here:

<https://nctcog.org/envir/events>

# 9. Other Program Activities

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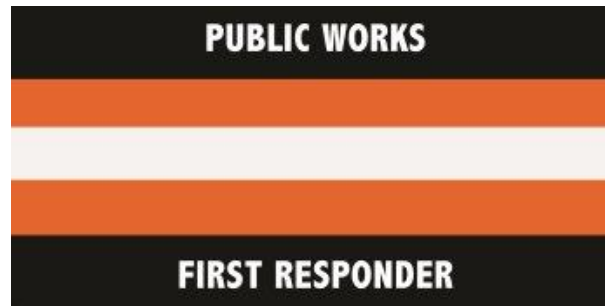
## Public Works Emergency Response Team (PWERT) Update

Contact Information:

Barry Fulfer  
Chair

Ed Balderas  
Vice Chair  
[EBalderas@rowlett.gov](mailto:EBalderas@rowlett.gov)

Alayna Payne  
NCTCOG Rep  
[APayne@nctcog.org](mailto:APayne@nctcog.org)



# 9. Other Program Activities

## Texas Chapter of American Public Works Association



- Happy National Public Works Week for public works professionals and first responders!  
View the [proclamation](#) from Gov. Abbott.
- TX-APWA Annual Conference in Frisco, TX will be held June 13-15, 2022 at Embassy Suites
- Scholarship applications are being accepted by the North Central Branch until May 27<sup>th</sup>. Education as well as Professional Development applications are being accepted.
- APWA PWX will occur August 28-31, 2022 in Charlotte, NC
- North Central TX Branch Scholarship Golf Tournament will be held on October 3, 2022 at Prairie Lakes GC in Grand Prairie
- Annual “one day” seminar in November with great opportunity to receive PDHs.

For information and events visit the North Central Texas Branch website at <http://nctxbranch.apwa.net/> or the Texas Chapter website at <http://texas.apwa.net/>

# 9. Other Program Activities

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DFW Clean Cities welcomes you to an open roundtable to discuss the draft TxDOT National Electric Vehicle Implementation Plan (NEVI) on June 1st at 3:30pm.

Come prepared to speak with your peers on EV charging siting suggestions and comments on the draft plan itself. Through the Bipartisan Infrastructure Law, each state is required to submit a statewide infrastructure plan in order to be eligible to receive part of the 5 billion funding program set aside for the NEVI program. Through this, Texas is set to receive approximately \$408 million to be spent on charging infrastructure over the next 5 years. This public input opportunity will be the main chance to get your input and feedback on how the state plans to spend this money. Deadline for input to TxDOT is June 15.

You can register for the call for free here: <https://www.dfwcleancities.org/event-details/txdot-national-electric-vehicle-implementation-plan>

TxDOT's draft plan and interactive ev charging map tools are accessible here: [https://txdot.mysocialpinpoint.com/tx\\_ev\\_plan](https://txdot.mysocialpinpoint.com/tx_ev_plan)

# OTHER BUSINESS AND ROUNDTABLE DISCUSSION

10. Future Agenda Items

11. Roundtable Topics/Other Business

NOW, IT'S YOUR TURN...

# 12. Next Public Works Council Meeting

*The next PWC meeting is scheduled for:*

**Thursday, August 18, 2022**  
9:30 a.m. – 11:30 a.m.

# Public Works Staff

**EDITH MARVIN, PE**

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