

PUBLIC WORKS COUNCIL

August 19, 2021

1. Welcome and Introductions

ACTION ITEMS

2. Meeting Summary

The [May 6th meeting summary](#) is available for review.

The Public Works Council will vote to approve the summary.

3. Public Works Council Nominations

NCTCOG staff is seeking the Public Works Council approval of the new nominees for the FY22 roster.

3. Public Works Council Nominations (Standing)

Seat	Name	Title
Arlington	Keith Brooks	Assistant Director of Public Works & Transportation
Dallas	Ali Hatefi	Assistant Director
Fort Worth	Michael Owen	Acting Sr. Capital Projects Officer
Grand Prairie	Douglas Taylor	Utility Manager
Lewisville	Keith Marvin	Director of Public Services
McKinney	Paul Sparkman	Assistant Director of Public Works
Mesquite	Lisa Crossman	Project Engineer
Plano	Gerald Cosgrove	Director of Public Works
Richardson	Shawn Poe	Director of Engineering
Tarrant County	Joseph Jackson	County Engineer

3. Public Works Council Nominations (Subregions)

Seat	Name	Title	City	Communities
DFW North	Vacant			Flower Mound, Hebron, Highland Village, The Colony
Northeast Tarrant	Vacant			Colleyville, Grapevine, Haslet, Keller, Roanoke, Southlake, Trophy Club
Northwest Dallas	Kumar Gali	Assistant Director of Public Works, Operations	City of Coppell	Addison, Coppell, Farmers Branch, Highland Park, University Park
Northwest Tarrant	Larry Hoover	Director of Public Works	White Settlement	Azle, Blue Mound, Lakeside, Lake Worth, Pelican Bay, River Oaks, Saginaw, Sanctuary, Sansom Park, Springtown, Westover Hills, Westworth Village, White Settlement
South Tarrant	Vacant			Benbrook, Burleson, Crowley, Dalworthington Gardens, Edgecliff Village, Everman, Forest Hill, Kennedale, Mansfield, Pantego
Southeast	Vacant			Alma, Angus, Bardwell, Barry, Blooming Grove, Corsicana, Dawson, Ellis County, Emhouse, Ennis, Eureka, Frost, Garrett, Goodlow, Italy, Kerens, Maypearl, Mildred, Milford, Mustang, Navarro, Navarro County, Oak Valley, Palmer, Pecan Hill, Powell, Red Oak, Retreat, Rice, Richland, Waxahachie

3. Public Works Council Nominations (Private)

Seat	Name	Title	Company
Associated General Contractors	Connor VanSteenberg	North Texas Area Manager	Associated General Contractors of Texas
Associated General Contractors	Sam Davis	Vice President-General Manager	TexasBit
Council of Engineering Companies	Chris Cha	Associate Principal	Pacheco Koch
Council of Engineering Companies	John Ho	Vice President	Huitt-Zollars

4. Public Works Council Chair and Vice Chair

- The Public Works Council will vote on a Chair and Vice-Chair for FY22.

Position	Name	Title	City
Chair			
Vice Chair	Shawn Poe	Director of Engineering	City of Richardson
Vice Chair	George Marshall	City Engineer	City of Corinth

5. Public Works FY22 Work Program

The Public Works Council will vote to approve the [FY22 Work Program](#) for the Public Works Program.

6. Integrated Stormwater Management (iSWM) Contract

Presented by Ranjan Muttiah

The current iSWM contract will expire on April 30, 2022. The current contract covers the following areas in support of the iSWM subcommittee and member communities:

Providing new tools for communities to improve water quality, streambank protection designs, protecting property and infrastructure along waterways, and helping communities meet their construction and post-construction obligations under stormwater permits. Technical assistance with iSWM certification applications, updates to manuals, and mapping applications for the website are a few examples of ongoing support for the iSWM program and communities.

At their last meeting, the iSWM subcommittee discussed and voted to support pursuing a new multi-year contract to support their ongoing engineering and technical needs.

The iSWM subcommittee recommends the Public Works Council continue to support the iSWM program through a contract for engineering services. A vote is required to start the contract process, including the RFP, RFQ, Scope of Work and selection steps.

Proposed:

- 3-year contract (with the option of up to two 1-year extensions) not to exceed \$80,000 per year
- Scope of Work will continue to be determined on a work-order basis through “Task Orders”



DISCUSSION ITEMS

7. New SHARE Contracts

NCTCOG staff will introduce two topics (roadway aggregate and hot emulsion) that are being researched for a new cooperative SHARE contract. NCTCOG staff would like to hear from the Public Works Council on their experience and see if there is any interest in these contracts.

8. Future In-Person Meetings

- Would the PWC like to meet in-person or virtual for the next Nov 11th meeting?

INFORMATION ITEMS

9. FY 2021 Public Works Work Program Update

FY 2021 Public Works – Cost Share

Regional Public Works FY21 Cost-Share Participants

- | | | | |
|-----------------------|-------------------|--------------------------|----------------------|
| 1. Allen | 18. Everman | 35. Mansfield | 51. White Settlement |
| 2. Anna | 19. Euless | 36. McKinney | 52. Wilmer |
| 3. Annetta | 20. Ferris | 37. Mesquite | 53. Wylie |
| 4. Arlington | 21. Flower Mound | 38. Mineral Wells | 54. Collin County |
| 5. Azle | 22. Forest Hill | 39. Murphy | 55. Dallas County |
| 6. Bedford | 23. Fort Worth | 40. North Richland Hills | 56. Denton County |
| 7. Benbrook | 24. Garland | 41. Pantego | 57. Hunt County |
| 8. Carrollton | 25. Grand Prairie | 42. Plano | 58. Tarrant County |
| 9. Cedar Hill | 26. Grapevine | 43. Red Oak | 59. Wise County |
| 10. Celina | 27. Haltom City | 44. Richardson | |
| 11. Cleburne | 28. Hurst | 45. Rockwall | |
| 12. Colleyville | 29. Irving | 46. Rowlett | |
| 13. Coppell | 30. Keller | 47. Seagoville | |
| 14. Corinth | 31. Kemp | 48. Watauga | |
| 15. Dallas | 32. Kennedale | 49. Waxahachie | |
| 16. Duncanville | 33. Lewisville | 50. Weatherford | |
| 17. Edgecliff Village | 34. Little Elm | | |

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

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

22nd Annual Public Works Roundup

- September 2, 2021, at Grapevine Convention Center
- Register here: <https://www.eventsquid.com/event/13439>
 - Free for Regional Public Works Members
 - \$50 for non-members

Other Events:

- Addressing Workforce Needs: A Labor Market Data Deep Dive and Discussion (virtual)
 - August 24, 2021 at 10am-12pm
 - Register here: <https://www.eventsquid.com/event/14134>
- New Inspector's Workshop (TBD)

Other Events:

- 2021 Construction Contracts Administration Workshop (virtual)
 - Held July 29, 2021 at 9am-12pm

- Overall impression of the training

3.4★
average rating



- Usefulness of content

3.6★
average rating



- My needs on the subject were addressed

3.4★
average rating



- Trainers' knowledge of the subject area

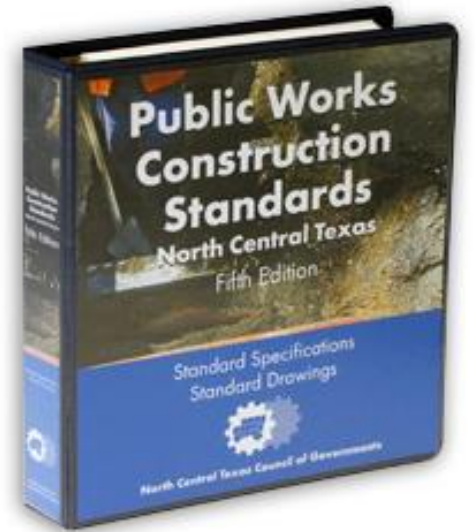
4.0★
average rating



Standard Drawings Subcommittee

Presented by Keith Marvin

- The Subcommittee has completed reviewing Division 1000, 3000.
- The Subcommittee is making additional comments on Division 2000 and 6000. They are wrapping up the first round of comments on *Division 4000: Water Distribution* and *Division 5000: Wastewater Collection*.
- Next Meeting
August 23, 2021 at 10 am
Cross Timbers Conference Room
NCTCOG Offices, CP111, Third Floor
600 Six Flags Dr
Arlington, TX 76005



Sustainable Public Rights of Way (SPROW)

Presented by Robert Woodbury

- The Subcommittee met August 17, 2021 to discuss the Utility chapter of the Best Management Guidebook.

Next Meeting

October 12, 2021 at 1:30pm

Microsoft Teams

<https://www.nctcog.org/envir/committees/public-works-council/sustainable-public-rights-of-way-subcommittee>



Integrated Stormwater Management (iSWM)

Presented by Ranjan Muttiah



July 14th, Meeting updates:

Subcommittee reviewed the final Task Order draft task items, and no additional comments were provided.

- Task 2 - Part A: Halff will be updating the following BMP summary pages Multi-Purpose Detention Areas, Organic Filter, Green Roof, Proprietary Structural Controls, Open Conveyance Channel.
 - Part B: Update vegetation list in the Landscape Technical Manual.
- Task 3 – Plan to host training in Fall 2021. IIS gave suggestions for possible topics and training formats. Ideas presented included green roofs, permeable pavers maintenance manuals.
- Task 4 – Detention criteria guidance research
- Task 5 – Provide recommendations for additional design guidance for forebays. The research will include submerged forebays.
 - Provide a memo to the subcommittee of potential improvements that could be implemented to the iSWM program based on research.
- Task 6 - Research of previous hydrologic mimicry case studies. What innovations and guidelines are other communities implementing in the region? Recommendation of next steps for potential mimicry guidance for the iSWM program
- Task 7: NCTCOG will complete two case studies this fiscal year, with optional technical assistance from Halff.
- Task 8: Review existing data from previous projects for the economic benefits of BMPs. Research strategies to maximize the economic benefits of BMPs. Locate recommendations of sites in the North Texas region for future triple bottom line analysis.

Integrated Stormwater Management (iSWM)

Presented by Ranjan Muttiah



iSWM Certification Update

Congratulations City of Plano on your designation as a Silver certified iSWM community!

By becoming a certified iSWM community, the City of Plano has demonstrated that they uphold water quality protection, streambank protection, and flood mitigation standards in their engineering regulations and development ordinances.

NCTCOG staff will present street signs and plaque to Plano at their September 13th City Council meeting!



Integrated Stormwater Management (iSWM)

Presented by Ranjan Muttiah



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 14th subcommittee meeting
- Volunteer group review and discussion – August 12th
- Future volunteer group review – goal of complete by end of September 2021
- Subcommittee discussion/review – October 14th subcommittee meeting

10. Other Program Activities

- | | % Complete |
|---|-------------------|
| • Cooperative Technical Partnership (CTP) Program | |
| FY18 Flood Risk Projects | |
| • <i>Complete:</i> Mary's Creek (Parker County) flood risk identification is complete. | 100% |
| FY19 Flood Risk Projects | |
| • Harriet Creek (Denton County, 7 miles) – Survey is ongoing and hydrologic and hydraulic analysis is underway. | 40% |
| • Waxahachie Creek (Ellis County, Midlothian, Waxahachie; 19 miles) - Survey complete and hydrologic and hydraulic analyses underway. | 55% |
| FY20 Flood Risk and Outreach Projects | |
| • Catherine Branch (Denton County) – Survey complete and hydrologic and hydraulic analyses underway. | 26% |
| • <i>In Progress:</i> Transportation and Stormwater Integrated Project Engagement – Community survey complete; stakeholder list developed; initial community meetings in Fall 2021. | |
| FY21 Flood Risk Projects | |
| • NCTCOG submitted final project applications 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) | |

10. Other Program Activities

- **Community Rating System Users Group**

The Annual Combined CRS Users Group/Elected Officials Floodplain Seminar was held virtually on July 29th. There were 80 attendees.

Trinity RFPG, ASCE, and FEMA presented on flood planning for the state of Texas, the 2021 Texas Infrastructure Report Card, utilizing building codes in flood hazard mitigation, and the NFIP's Risk Rating 2.0.

The presentations and a recording of the seminar are available on the [CRS Users Group webpage](#). The Risk Rating 2.0 presentation has been removed from the recording per FEMA's request.

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

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

10. Other Program Activities

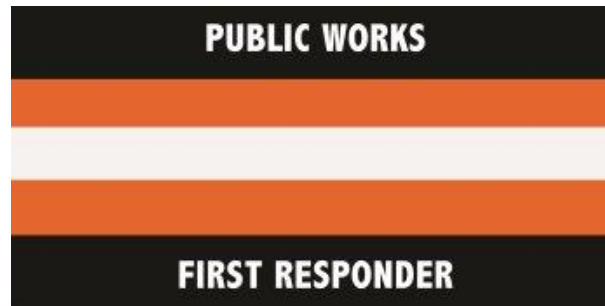
Public Works Emergency Response Team (PWERT) Update

Contact Information:

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Chair

Ed Balderas
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APayne@nctcog.org



10. Other Program Activities

Texas Chapter of American Public Works Association



OTHER BUSINESS AND ROUNDTABLE DISCUSSION

11. Future Agenda Items

12. Roundtable Topics/Other Business

NOW, IT'S YOUR TURN...

13. Next Public Works Council Meeting

The next PWC meeting is scheduled for:

Thursday, November 11, 2021

9:30 a.m. – 11:30 a.m.

TBD

Public Works Staff

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