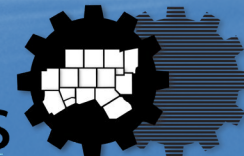
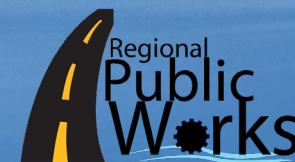


Public Works Council Meeting

August 17, 2023

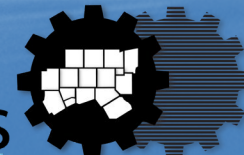
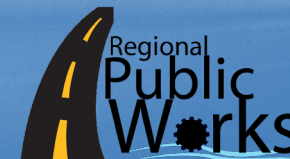


North Central Texas
Council of Governments
Environment & Development

1. Welcome, Introductions, & Roll Call

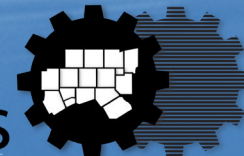
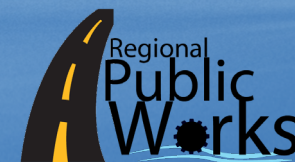
The meeting agenda, presentation, and handouts are located on the Public Works Council webpage:

<https://www.nctcog.org/envir/committees/public-works-council>



North Central Texas
Council of Governments
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Action Items



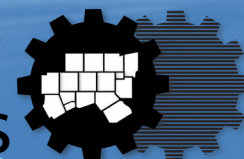
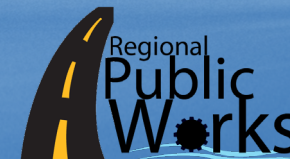
**North Central Texas
Council of Governments**
Environment & Development

2. Meeting Summary

The May 18, 2023 meeting summary is available for review:

https://www.nctcog.org/getmedia/ac5d8847-7cfb-4d1d-8175-6e8e325f50ad/PWC_-Summary_5-18-2023_draft.pdf?ext=.pdf

The Public Works Council will vote to approve the summary

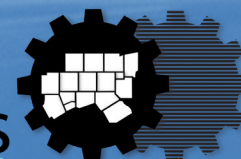
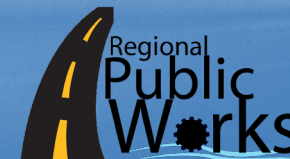


North Central Texas
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3. Public Works Council Nominations

The Public Works Council will vote to approve the nominees for
FY2024-FY2025

The NCTCOG Executive Board will vote to approve the appointments
in September



North Central Texas
Council of Governments
Environment & Development

Standing Seat	Name	Title
NEW: City of Allen	Chris Flanigan	Director, Engineering Department
City of Arlington	Keith Brooks	Director of Public Works & Transportation
City of Dallas	Ali Hatefi	Director of Public Works
City of Fort Worth	Michael Owen	City Engineer
City of Grand Prairie	Brister Merritt	Utility Operations Manager
City of Lewisville	Aaron Russell	Director of Public Services
City of Mesquite	John Mears	City Engineer
Tarrant County	Joseph Jackson	County Engineer

Subregion Seat	Name	Title	City	Communities
Northeast Tarrant Subregion	Keith Miertschin	Assistant Director of Operations	Grapevine	Colleyville, Grapevine, Haslet, Keller, Roanoke, Southlake, Trophy Club
Northwest Dallas Subregion	Danielle Rix	City Engineer	Farmers Branch	Addison, Coppell, Farmers Branch, Highland Park, University Park
Northwest Tarrant Subregion	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 Subregion	Raymond Coffman	Director of Engineering Services	Mansfield	Benbrook, Burleson, Crowley, Dalworthington Gardens, Edgecliff Village, Everman, Forest Hill, Kennedale, Mansfield, Pantego
Southeast Subregion	James Gaertner	Executive Director of Public Works & Utilities	Waxahachie	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

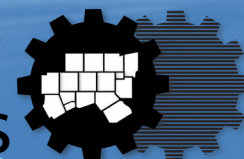
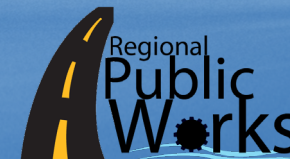
Private Seat	Name	Title	Organization
Associated General Contractors	Sam Davis	Performance Manager	TexasBit
Associated General Contractors	Connor VanSteenberg	North Texas Area Manager	Associated General Contractors
Council of Engineering Companies	Chris Cha	Principal	Pacheco Koch
Council of Engineering Companies	Ted Sugg	Principal Regional Municipal Manager	CobbFendley

4. Public Works Council Chair & Vice Chair

Chair Nominee: Carrie Jones, Assistant Director of Public Works for Streets/Traffic/Drainage, City of Plano

Vice Chair Nominee: Matt Leppla, Assistant Director of Public Works – Operations, City of Weatherford

The Public Works Council will vote to approve the nominees for Chair and Vice Chair FY2024–FY2025



North Central Texas
Council of Governments
Environment & Development

5. Standard Drawings Amendments

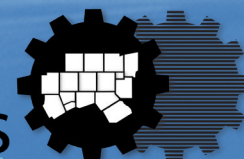
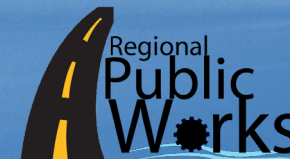
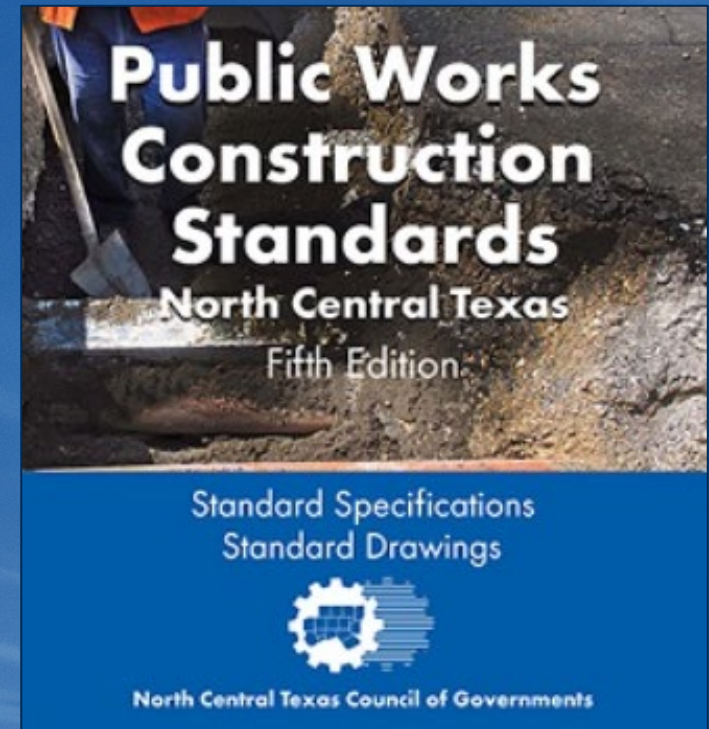
Divisions 1000, 2000, 3000, 4000, 5000, 6000
previously approved

Three remaining drawings (1265A, B, C)
provided with 30 days for review:

https://www.nctcog.org/getmedia/6378b508-f7f3-47f0-b22e-a466bd7288b6/TRASH_RACK_FRISCO_1265ABC_Combined.pdf

No input received

The Public Works Council will vote to approve
1265A, B, C drawings



North Central Texas
Council of Governments
Environment & Development

6. Regional Public Works FY2024 Work Program

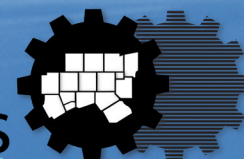
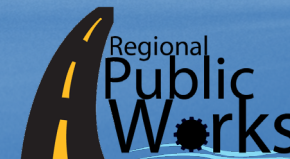
Discussed at May 18th meeting

Draft provided with 30 days for review:

https://www.nctcog.org/getmedia/a4cbf0be-e691-4019-b074-83b418bef062/FY-2024-PW-Work-Program_v3_Draft.pdf

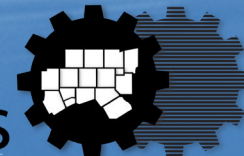
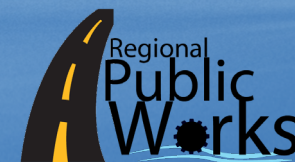
Revised order of iSWM tasks to reflect subcommittee priorities, no other input received

The Public Works Council will vote to approve the FY2024 Work Program



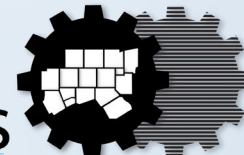
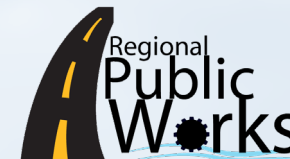
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Discussion Items



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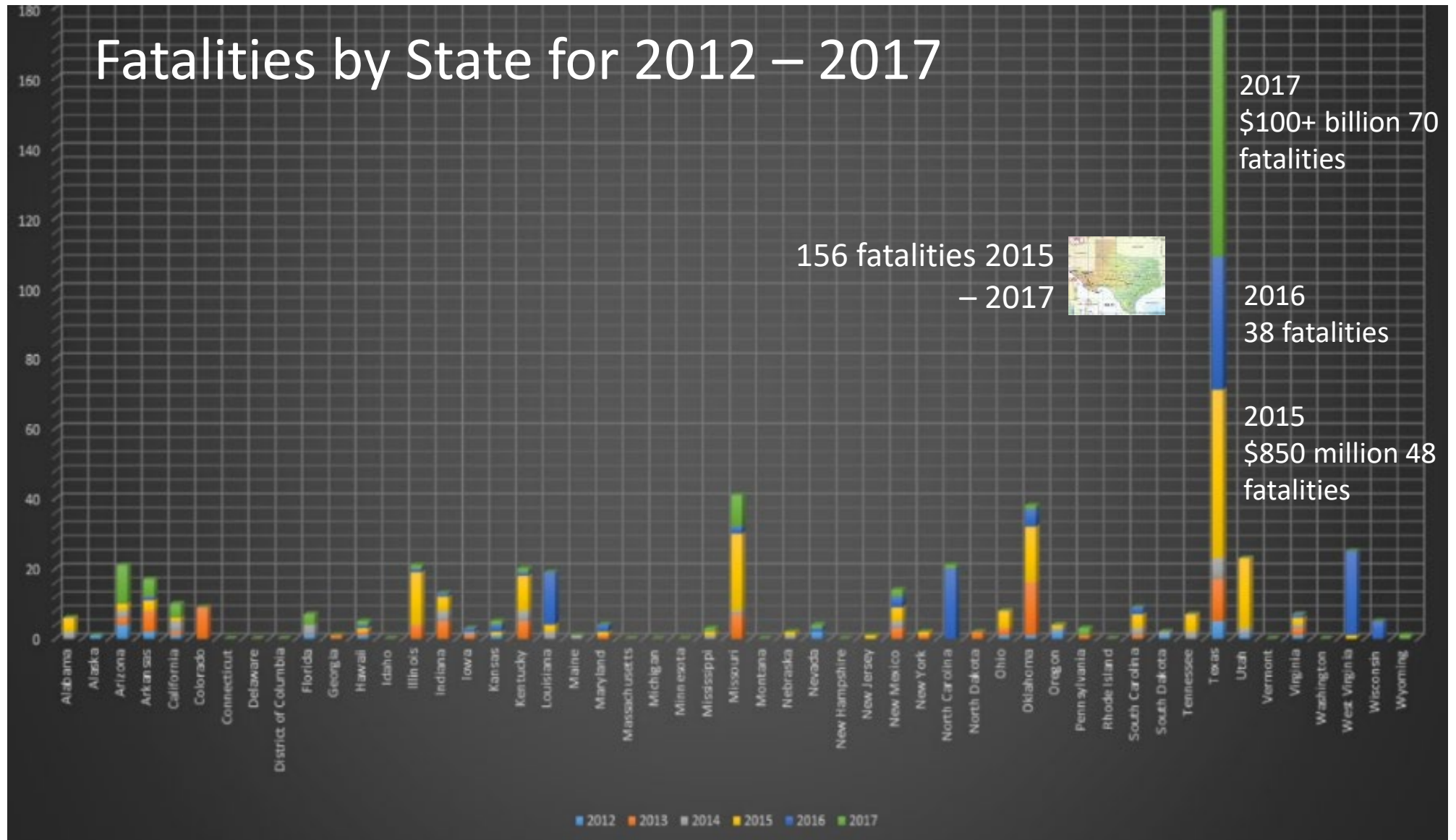
7. Integrated Transportation & Stormwater Infrastructure (TSI) Project



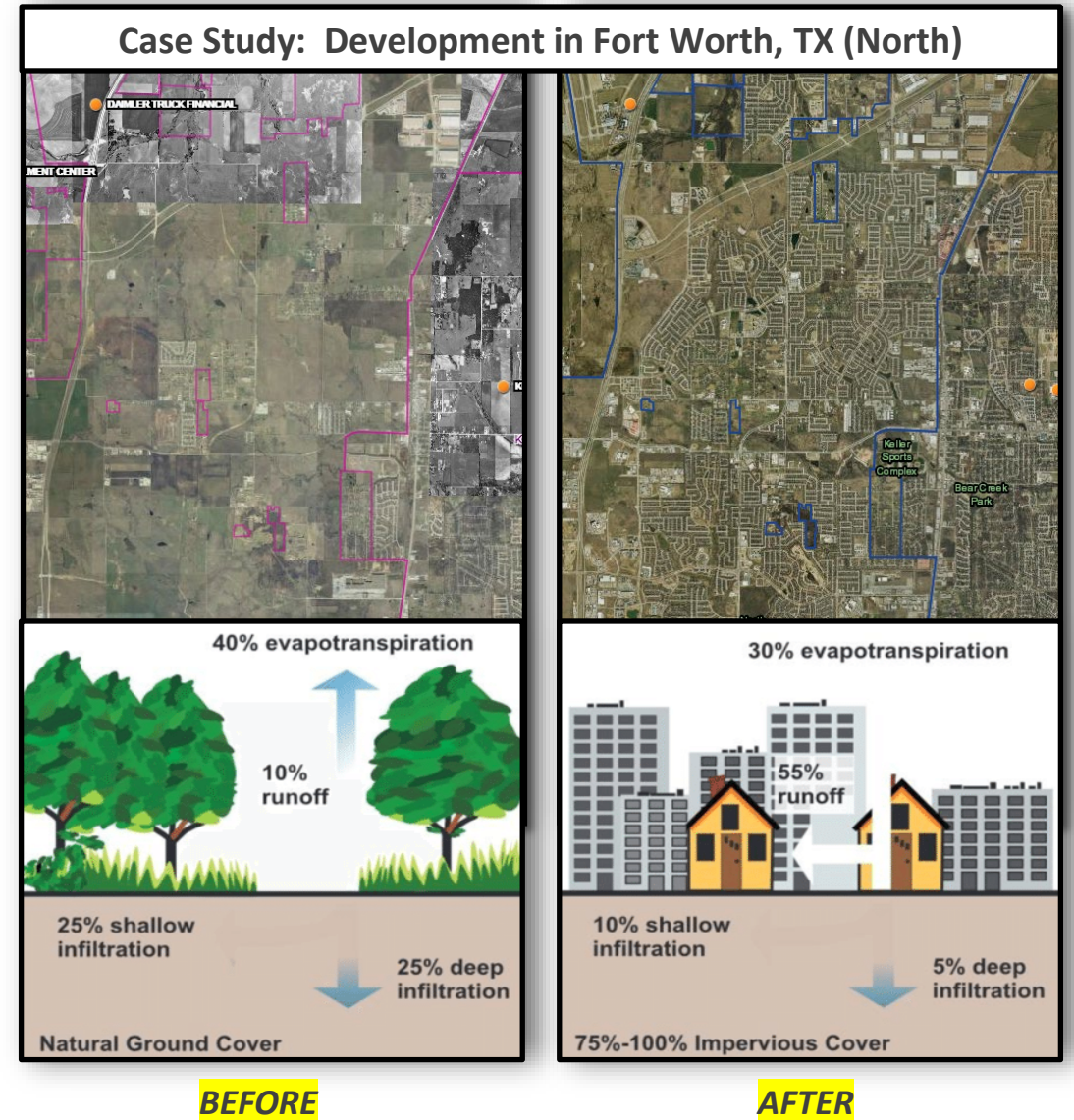
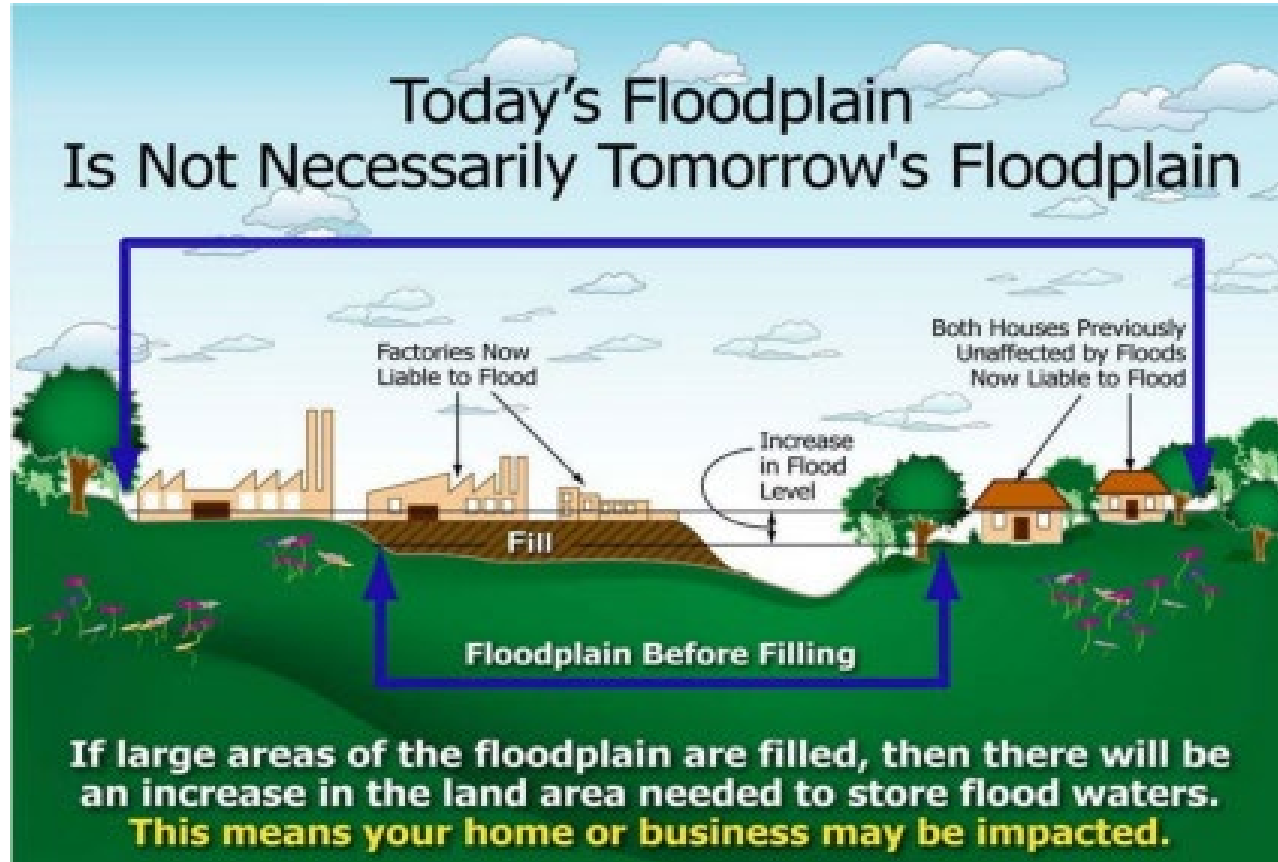
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Flooding Fatalities and Damages

Texas far outpaces other states in flood related fatalities and flood-related damages



Urbanization Challenges



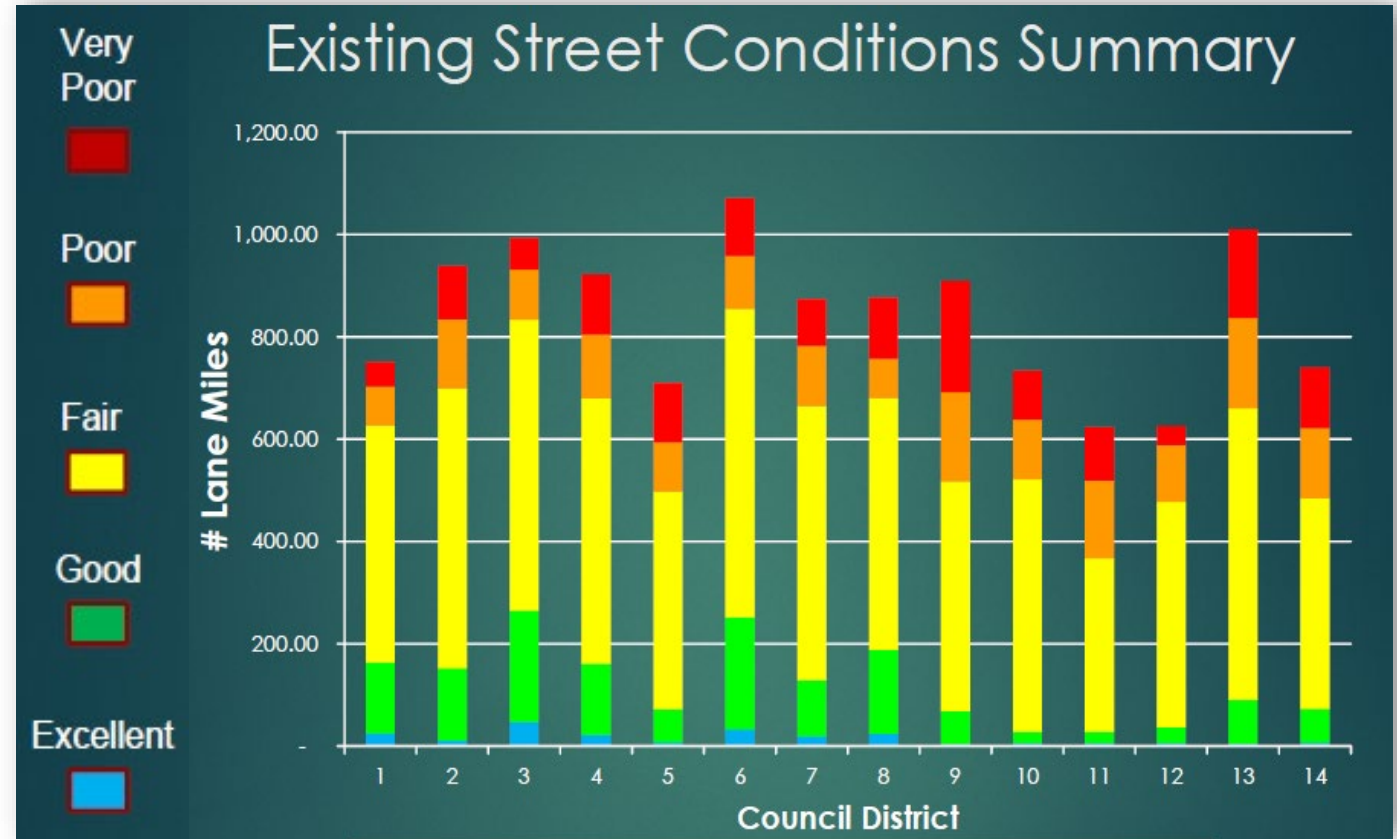
Stormwater Challenges

- No regionwide data
- Piece-meal/lacks connectivity
- NOAA Atlas 14 rainfall estimates
 - Required for infrastructure design, planning, and delineation of flood risk
 - 2022 FLOODS Act
 - 10-year updates



Transportation Challenges

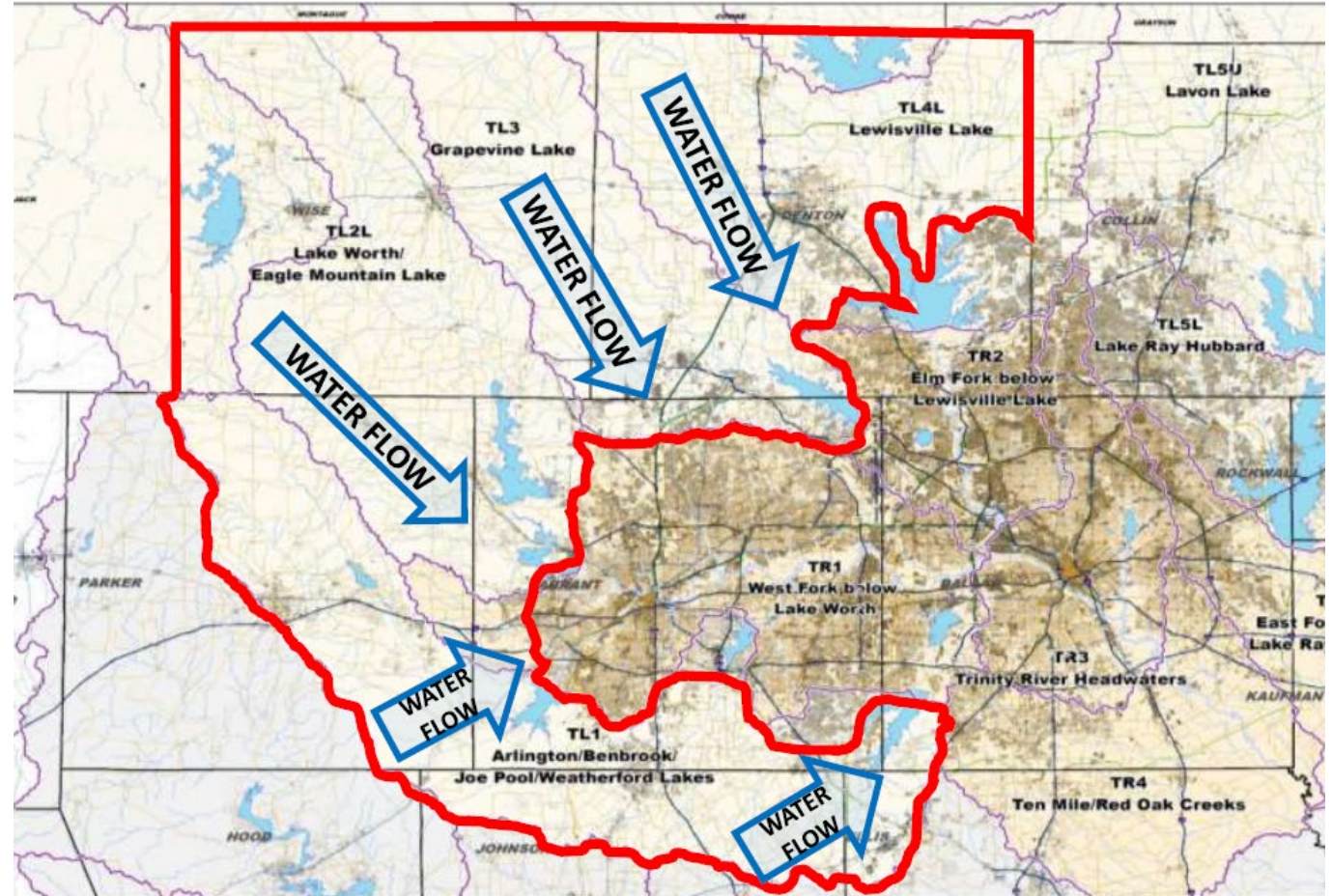
- Transportation spending is high and growing
- Rate of deterioration for transportation infrastructure increasing
- Needs far outweigh resources



Source: Dallas 2017 Bond Program – <http://www.dallasbond.com/>

TSI Project Area Details

- 85 cities and portions of 8 counties
- 126% increase in population (2020 – 2045)
- 60% undeveloped (2015)
- 19% growth in impervious surface (2006 – 2016)
- > 7,000 miles of streams and > 274,000 acres of 100-year floodplain



Mapping, Modeling,
and Policy
Recommendations

Stakeholder Involvement

Document Processes

Collect & Analyze Data

Assess Hydrology & Hydraulics & Scenarios

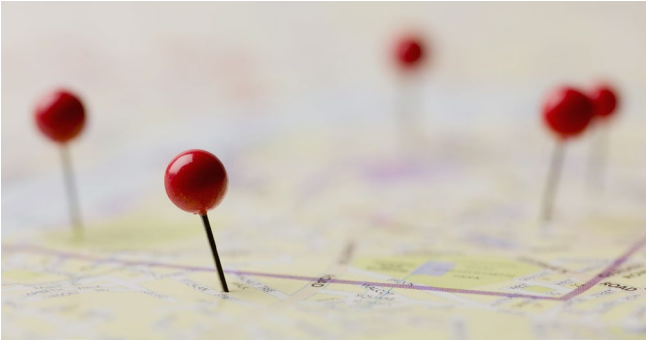
Identify Transportation Infrastructure Impacts &
Develop Decision-Making Tools

Conduct Environmental Planning

Evaluate a Real-Time Flood Warning System

Support & Empower Communities

A Call for Local Data



GROW. Future comprehensive (land use) plans; thoroughfare plans; stormwater infrastructure; data on hotspots for population and employment growth.



PRESERVE. Areas to preserve for parks, open space and environmental conservation; culturally important sites that do not have state or national historic designation.



PROTECT. Low-water crossings and areas that flood repeatedly; existing detention ponds or constructed wetlands.

Please email data to kzielke@nctcog.org

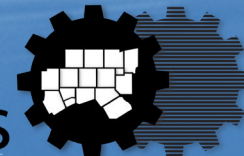
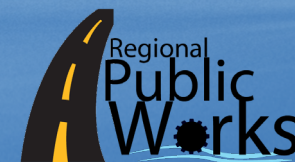
Stormwater Data – Less Urban Areas

- Data to support riverine modeling
- Downstream release from reservoirs, detention ponds
 - Any factors that could increase flow or affect aquatic populations
- Streams
 - Channelized or natural?
 - Width of riparian area?

Stormwater Data – More Urban Areas

- Data to support urban drainage modeling
- Gray infrastructure
- Inputs to models¹ of soil and water assessment, ecosystem functioning, and storm water management, including locations of:
 - Detention ponds
 - Nature based solutions
 - Green stormwater infrastructure
 - Velocity control efforts
 - Erosion control efforts
 - BMPs

Information Items



**North Central Texas
Council of Governments**
Environment & Development

8. FY2023 Public Works Work Program Update

- Addison
- Allen
- Arlington
- Aubrey
- Azle
- Bedford
- Benbrook
- Burleson
- Cedar Hill
- Celina
- Cleburne
- Colleyville
- Coppell
- Corinth
- Collin County
- Crandall
- Dallas
- Dallas County
- Denton County
- Duncanville
- Ellis County
- Euless
- Fate
- Ferris
- Forney
- Fort Worth
- Garland
- Grand Prairie
- Grapevine
- Haltom City
- Heath
- Highland Village
- Hudson Oaks
- Hurst
- Johnson County
- Joshua
- Kaufman County
- Keller
- Kennedale
- Lancaster
- Lewisville
- Little Elm
- Mansfield
- McKinney
- Mesquite
- Murphy
- Navarro County
- New Fairview
- Northlake
- North Richland Hills
- Seagoville
- Tarrant County
- Terrell
- University Park
- Venus
- Watauga
- Waxahachie

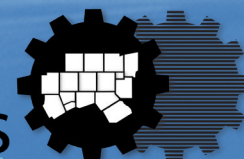
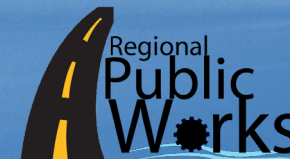
- Weatherford
- Westlake
- White Settlement
- Wilmer
- Wylie

Donations

- TexasBit

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

116% of budget received



**North Central Texas
Council of Governments
Environment & Development**

8. FY2023 Public Works Work Program Update

Public Works Roundup

- Information: <https://www.nctcog.org/envir/public-works/annual-public-works-roundup>
- Call for Sponsors released
- Call for Presenters released
- Registration opened July 17th
- Draft Agenda



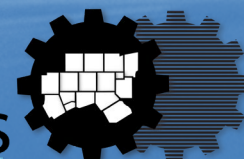
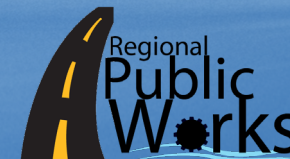
8. FY2023 Public Works Work Program Update

New Inspectors Training

- May 25th in Lewisville
- 20 attended

Asphalt Training

- July 11th at NCTCOG
- 43 attended operators/crew level session
- 40 attended inspectors/management session

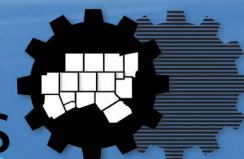
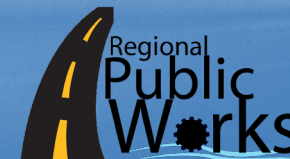


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8. FY2023 Public Works Work Program Update

Workforce Initiative

- Speaker's Bureau
- NCTCOG hosted a Teacher Externship
- Potential partnership with North Texas Innovation Alliance – Urban Resilience Fellowship Program

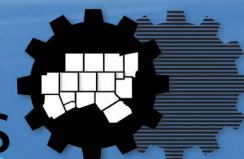
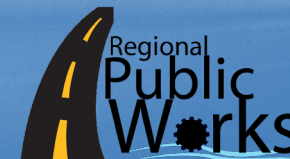


North Central Texas
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Environment & Development

8. FY2023 Public Works Work Program Update

Standard Drawings Subcommittee

- Next Meeting: TBD
- Final updates to be made available late Summer/early Fall
- Free to those who previously ordered Construction Standards

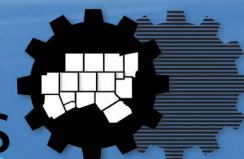
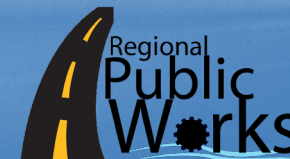


North Central Texas
Council of Governments
Environment & Development

8. FY2023 Public Works Work Program Update

Sustainable Public Rights of Way Subcommittee

- Next Meeting: TBD
- Continue addressing Complete Streets Chapter of the Best Management Practices Guidebook



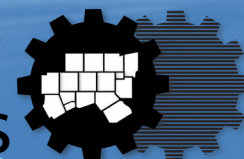
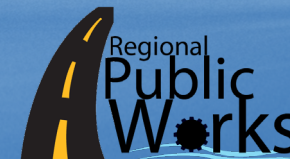
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8. FY2023 Public Works Work Program Update

iSWM Subcommittee

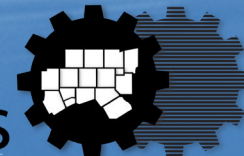
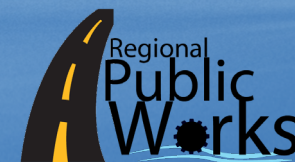
FY23 & FY24 Work Program Update

- NCTCOG Staff & Halff Associates have been developing preliminary material for project deliverables:
 - iSWM BMP Training (Development Submittal & Review)
 - Panel Discussion on iSWM Implementation
 - iSWM Promotional Presentations
- Other related tasks include:
 - Compiling iSWM Manual Revisions
 - Updating SWPPP Training Materials



North Central Texas
Council of Governments
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Other Program Activities



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9. Other Program Activities

Cooperative Technical Partnership Program

FY20 Flood Risk Mapping Projects

- **Catherine Branch (Denton County) – 86% Complete**

- Mapping and Regulatory products underway.
- Flood Risk Resilience meeting expected for August.

- **FY21 Flood Risk Mapping Projects**

- **Upper West Fork Discovery – 70% Complete**

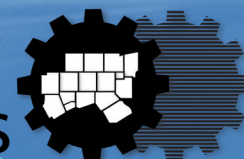
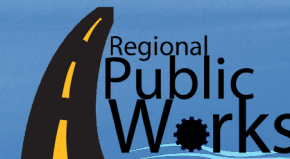
- Discovery Finding Meeting complete. Non-regulatory products under development.

- **Hog Branch (Denton County) –58% Complete**

- Hydraulics and Hydrology modeling underway.

- **East Fork (Lowry Crossing and McKinney) –47% Complete**

- Hydraulics and Hydrology modeling underway.

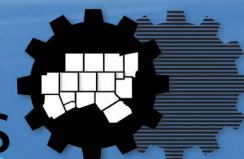
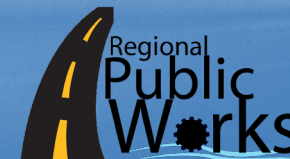


North Central Texas
Council of Governments
Environment & Development

9. Other Program Activities

Combined Elected Officials Floodplain Seminar & Community Rating System Users Group Meeting:

- October 19th, 9:30 – 11:30 a.m.
- NCTCOG Offices, Transportation Council Room
- Agenda is pending
- 2 CECs for CFMs



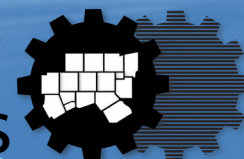
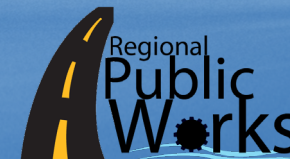
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Council of Governments
Environment & Development

9. Other Program Activities

Public Works Emergency Response Team

Update provided by:

Barry Fulfer, PWERT Chairperson



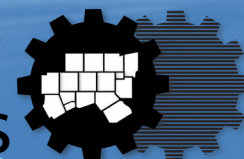
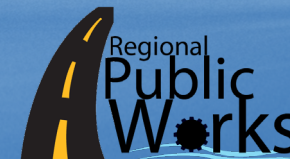
North Central Texas
Council of Governments
Environment & Development

9. Other Program Activities

Texas Chapter of American Public Works Association

Update provided by:

Katie Barron, North Central Branch President ('23-'24)



North Central Texas
Council of Governments
Environment & Development

AMERICAN PUBLIC WORKS ASSOCIATION (APWA) TEXAS CHAPTER — NORTH CENTRAL BRANCH



YOUR LOCAL NORTH CENTRAL BRANCH

- The largest Branch in APWA (800+ members)
- Monthly board meetings
- Near-monthly events and activities
 - Luncheons
 - Educational Sessions
 - Roundtables (Directors, Operators, Inspectors, Management and Leadership, etc.)
 - Golf Tournament (Oct)
 - Road-eo (Fall)
 - Sporting Clay Tournament (Apr)
 - Fishing Tournament
 - Young Professionals Events
 - Scholarship Opportunities
 - Student Membership Group (UTA)



UPCOMING LOCAL EVENTS

- **October 2nd: 25th Annual NCT Branch Golf Tournament**
 - Prairie Lakes Golf Course, Grand Prairie
 - 4-Person Scramble
 - 12:00 PM Shotgun Start
 - 5:30 PM Dinner and Awards
 - Event link: <http://nctxbranch.apwa.net/EventDetails/31867>
 - Registration at:
<https://events.r20.constantcontact.com/register/eventReg?oeidk=a07ejwjqife3d8b9463&oseq=&c=&ch=>



UPCOMING LOCAL EVENTS

- **November 15th:** Annual One-Day Seminar
 - Hurst Convention Center
 - Contact: Michael Chisholm, Education Chair
 - Event details coming soon
- **Fall 2023, TBD:** Road-eo
 - Contact: Stephen Bonner, Director
 - Event details coming soon



UPCOMING NATIONAL EVENT

- **August 27th to August 30th: PWX Conference**
 - Public Works Expo, being held in San Diego, CA
 - San Diego Convention Center, 111 W Harbor Dr
 - Expecting 4,000+ attendees this year
 - National Rodeo Competition
 - Event website <https://www.apwa.net/pwx/home.aspx>



CONTINUING EDUCATION OPPORTUNITY

- **Public Works Institute of Texas (PWITX)**
 - Director-level training for future Public Works leaders
 - 4 Sessions, three classes per session, 90+ total contact hours
 - Now enrolling for Class 6, starting in April 2025
 - Learn from Public Works Legends here in TX

<http://pwitx.apwa.net/>



MORE INFORMATION

<https://www.apwa.net/>

<http://nctxbranch.apwa.net/>

Katie Barron, P.E., ENV SP
North Central Branch President ('23-'24)
kbarron@uptexas.org

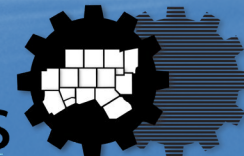
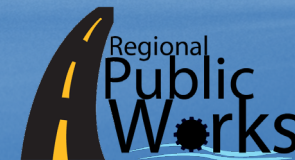


NC Branch Website



10. Future Agenda Items

Council Members and NCTCOG staff may suggest future agenda items



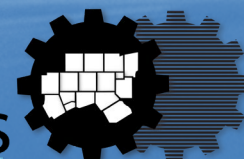
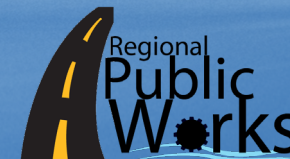
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Roundtable Discussion



12. Next Meeting

- Next PWC Meeting: November 16, 2023 at 9:30 a.m. (virtual)
- All FY24 meetings have been scheduled:
<https://www.nctcog.org/envir/Events>
 - February 15, 2024
 - May 16, 2024
 - August 15, 2024
- More information: <https://www.nctcog.org/envir/committees/public-works-council>



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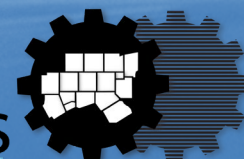
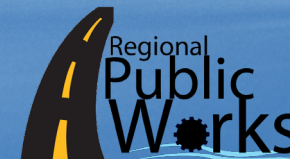
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