

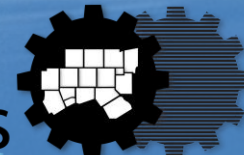
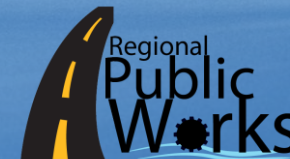
# Public Works Council Meeting

Thursday, February 20th 9:30 am – 11:30 am (CST)

William Pitstick Conference Room, 1<sup>st</sup> Floor

616 Six Flags Drive, Centerpoint Two

Arlington, TX 76011



North Central Texas  
Council of Governments  
Environment & Development



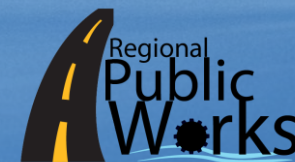
# Welcome and Introductions

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

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



# Action Items



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



# 1. Meeting Summary

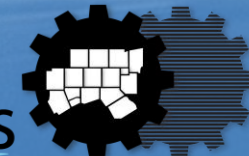
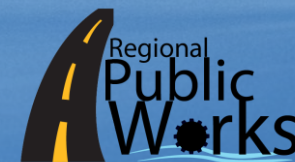
- Public Works Council will vote to approve the summary

November 21, 2024, meeting summary is available for review:

[https://www.nctcog.org/getmedia/2526df52-9383-41fd-880c-6abcf52ce151/PWC\\_-\\_Summary\\_11-21-2024\\_draft.pdf?ext=.pdf](https://www.nctcog.org/getmedia/2526df52-9383-41fd-880c-6abcf52ce151/PWC_-_Summary_11-21-2024_draft.pdf?ext=.pdf)



# Discussion Items

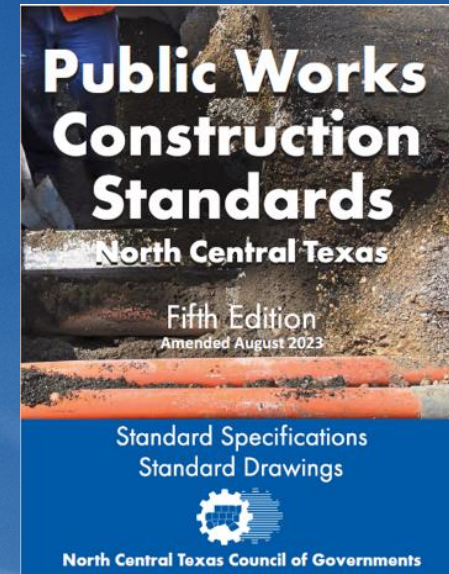


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## 2 Construction Standards Specs Update

Suggestion: Consider creating a temporary subcommittee for updating Construction Standards Specifications





# 3. 89<sup>th</sup> Legislative Session Bill Tracking

<https://capitol.texas.gov/billlookup/BillNumber.aspx>

## Bill: HB 182

Legislative Session: 89(R) Council Document: 89R 4980 SCF-F

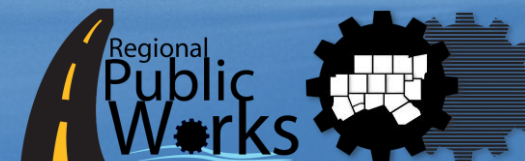
Last Action: 11/12/2024 H Filed

Caption Version: Introduced

Caption Text: Relating to rest breaks for employees of certain governmental entity contractors; providing an administrative penalty.

Author: Meza

Subjects: Labor-Health & Safety (I0490)  
Political Subdivisions (I0588)  
Purchasing-Local (I0644)  
Purchasing-State (I0643)  
State Agencies, Boards & Commissions (I0749)  
BUILDING CONSTRUCTION (S0426)  
CONSTRUCTION & BUILDING MATERIALS (S0106)  
CONSTRUCTION & HEAVY EQUIPMENT (S0351)  
CONTRACTORS & SUBCONTRACTORS (S2563)



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# 3. 89<sup>th</sup> Legislative Session Bill Tracking

## Bill: HB 205

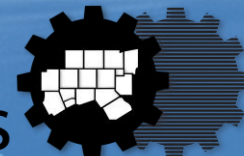
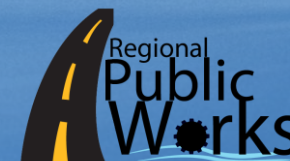
Legislative Session: 89(R) Council Document: 89R 2245 JRR-F  
Last Action: 11/12/2024 H Filed

Caption Version: Introduced

Caption Text: Relating to the eligibility for grants for alternative fueling facilities.

Author: Cortez

Subjects: Energy-Alternative Fuels (I0314)  
Environment--Air (I0325)  
State Finances-Management & Control (I0748)  
ENVIRONMENTAL QUALITY, TEXAS COMMISSION ON (V0334)



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# 3. 89<sup>th</sup> Legislative Session Bill Tracking

## Bill: SB 253

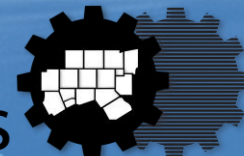
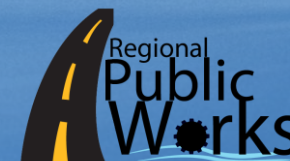
Legislative Session: 89(R) Council Document: 89R 3764 CS-F  
Last Action: 11/12/2024 S Filed

Caption Version: Introduced

Caption Text: Relating to county subdivision platting requirements.

Author: Flores

Subjects: County Government--Land Use & Zoning (I0098)  
PLATTING (S0285)



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# 3. 89<sup>th</sup> Legislative Session Bill Tracking

## Bill: HB 1522

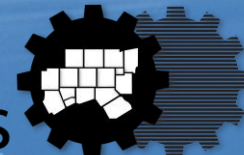
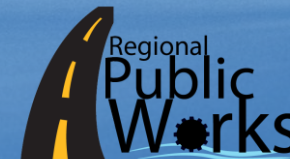
Legislative Session: 89(R) Council Document: 89R 5248 GP-F  
Last Action: 12/04/2024 H Filed

Caption Version: Introduced

Caption Text: Relating to notice of a meeting held under the open meetings law.

Author: Gerdes

Subjects: City Government Finance (I0062)  
City Government--General (I0060)  
Open Meetings (I0546)  
PUBLIC NOTICE (S0264)



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# 3. 89<sup>th</sup> Legislative Session Bill Tracking

## Bill: HB 1432

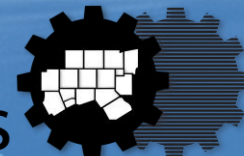
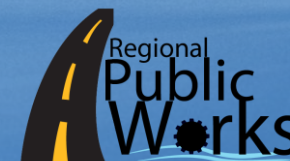
Legislative Session: 89(R) Council Document: 89R 5065 SCR-D  
Last Action: 11/21/2024 H Filed

Caption Version: Introduced

Caption Text: Relating to restrictive covenants regulating certain landscaping and water conservation practices.

Author: Goodwin

Subjects: Property Interests--Property Owners Association (I0618)  
Property Interests--Real Property (I0595)  
RESTRICTIVE COVENANTS (S0299)



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# 3. 89<sup>th</sup> Legislative Session Bill Tracking

**Bill: HB 1453**

Legislative Session: 89(R) Council Document: 89R 6 ATP-F

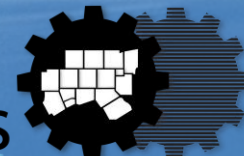
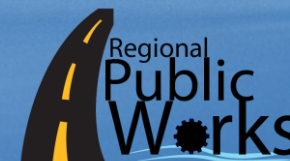
Last Action: 11/22/2024 H Filed

Caption Version: Introduced

Caption Text: Relating to the issuance of anticipation notes and certificates of obligation by certain local governments.

Author: Tepper

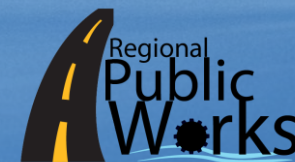
Subjects: City Government-General (I0060)  
County Government--General (I0096)  
Purchasing-Local (I0644)  
BONDS (S6060)



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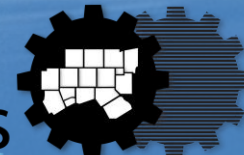
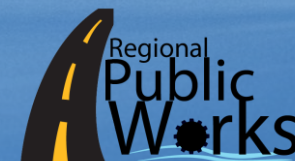
# Information Items



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# 4. NCTCOG Transportation. Electric Vehicles (EV) Public Charging Sites



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North Central Texas  
Council of Governments



Dallas-Fort Worth  
CLEAN CITIES

# Regional Opportunities for EV Charging Stations and Zero Emission Vehicles

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Joslyn Billings, Air Quality Planner

Public Works Council Meeting

February 20, 2025



# AN EYE ON: PEOPLE IN TRANSPORTATION



**POLICYMAKERS**



**PLANNERS**



**PARTNERS**



**PUBLIC**

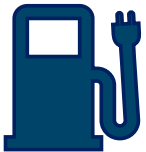


# Clean Fuels & Energy Program Focus Areas

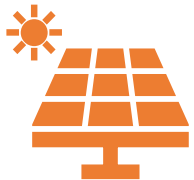
## Key Focus Areas & Goals



Clean Vehicle Initiatives



Alternative Fuel Infrastructure Initiatives



Energy Integration & Community Readiness

## What We Do



Funding Support



Technical Assistance



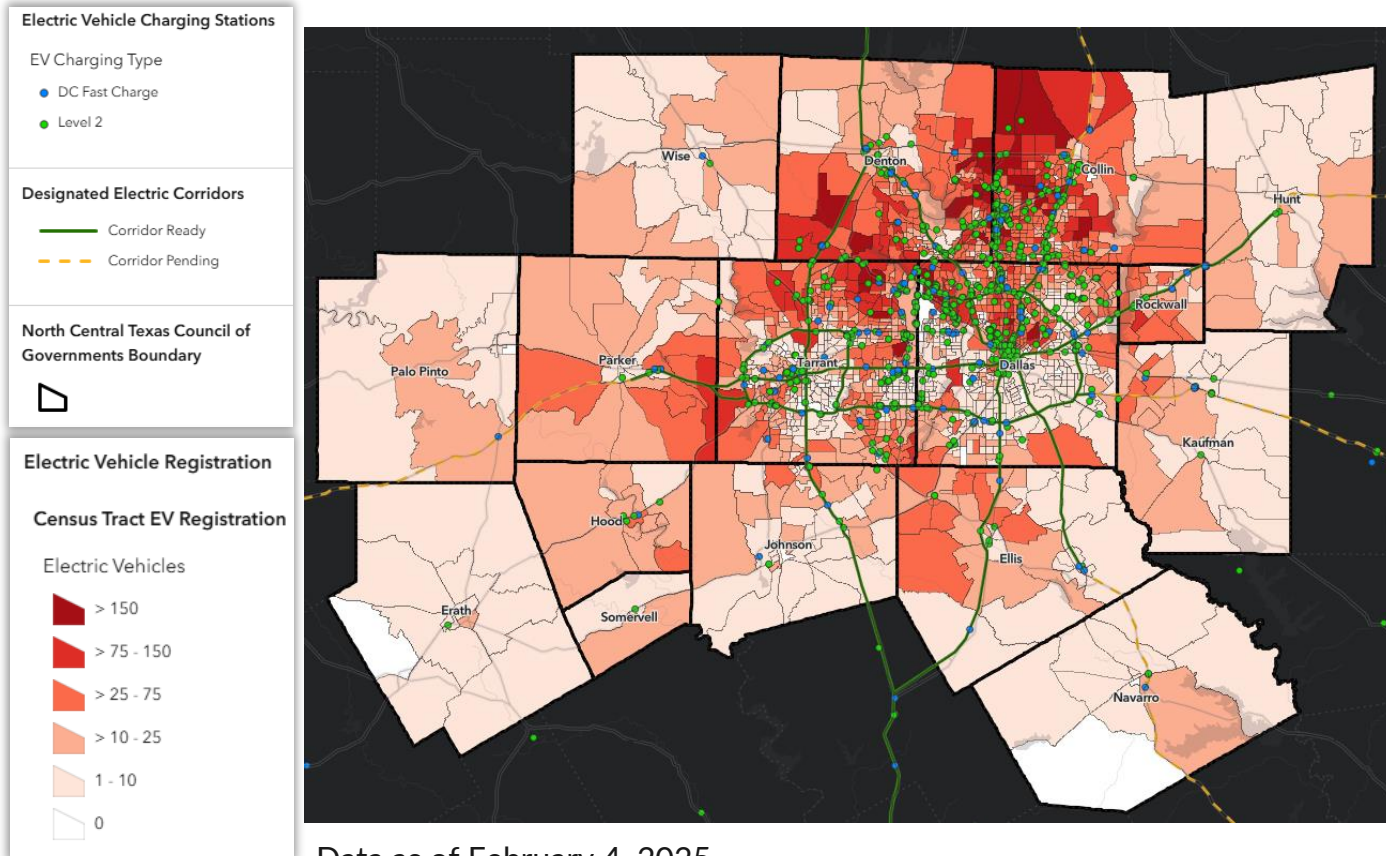
Planning the Future



Raising Awareness



# Texas Data and Trends



Data as of February 4, 2025

## Electric Vehicle (EV) Registration Data

[dfwcleancities.org/evnt](https://dfwcleancities.org/evnt) -> EVs and Texas

Region	February 2024	February 2025	Increase
Texas	254,836	351,906	38%
Dallas-Fort Worth (DFW)	94,748	128,745	36%
Austin	50,080	69,224	38%
San Antonio	23,245	30,397	31%
Houston	63,015	88,598	41%

1.40% of registered vehicles in Texas are EVs

## Charging Sites Statewide (includes Tesla):

- 7,460 Level 2
- 3,249 DC Fast

[afdc.energy.gov/stations](https://afdc.energy.gov/stations)



# Regional Investments in EV Infrastructure

## Texas EV Infrastructure Plan

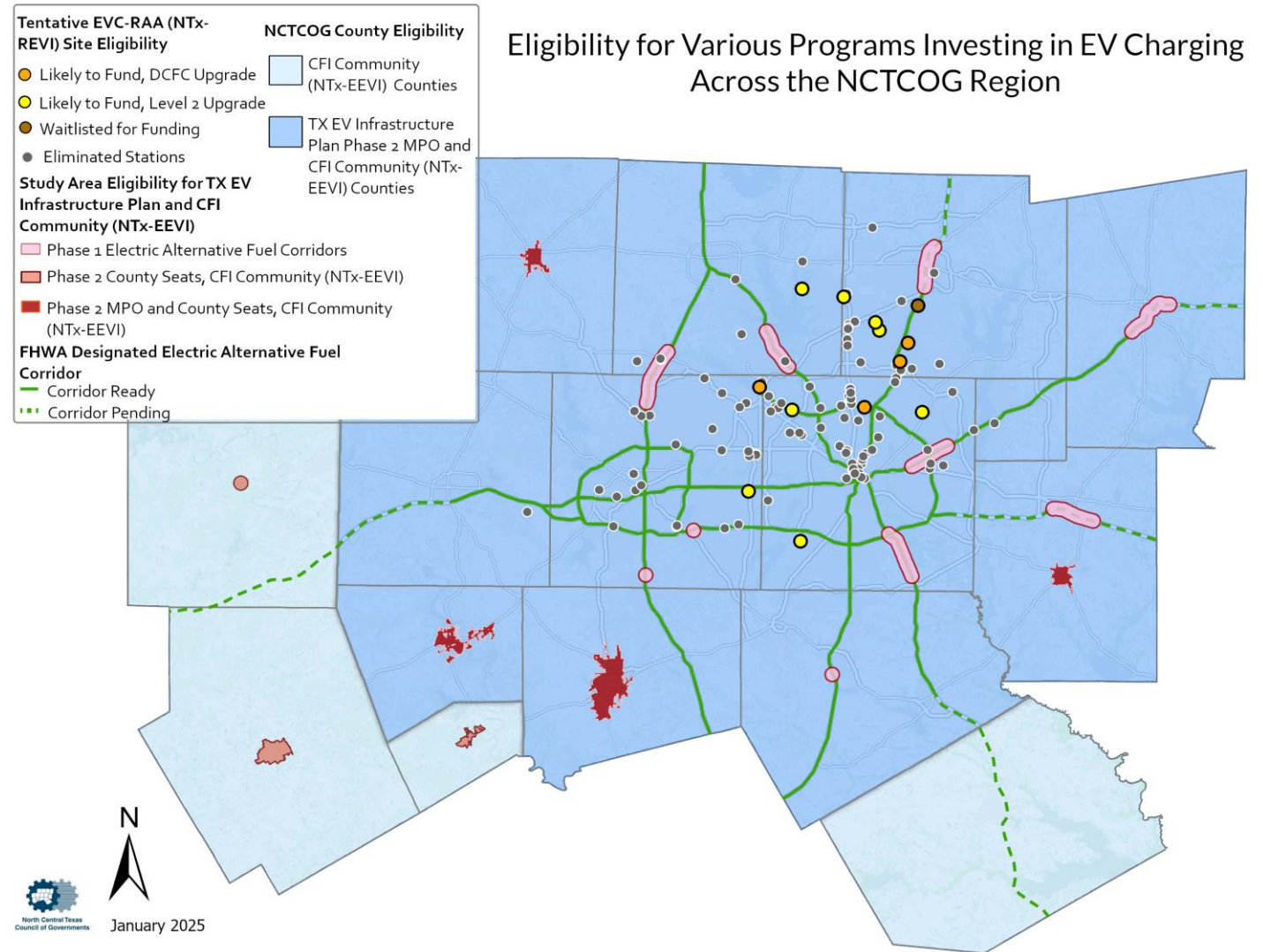
~\$60 million to build new chargers in the 12-County Metropolitan Planning Area and ~\$10M for 7 county seat sites (Managed by TxDOT)

## Charging and Fueling Infrastructure (CFI) Community Program Award

\$15M to build up to 100 new EV charging ports in the 16-county NCTCOG region

## Electric Vehicle Charging Reliability and Accessibility Accelerator Program Award

\$3.6 million award to repair and replace non-operational chargers in the DFW region





# EV Charger Project Involvement

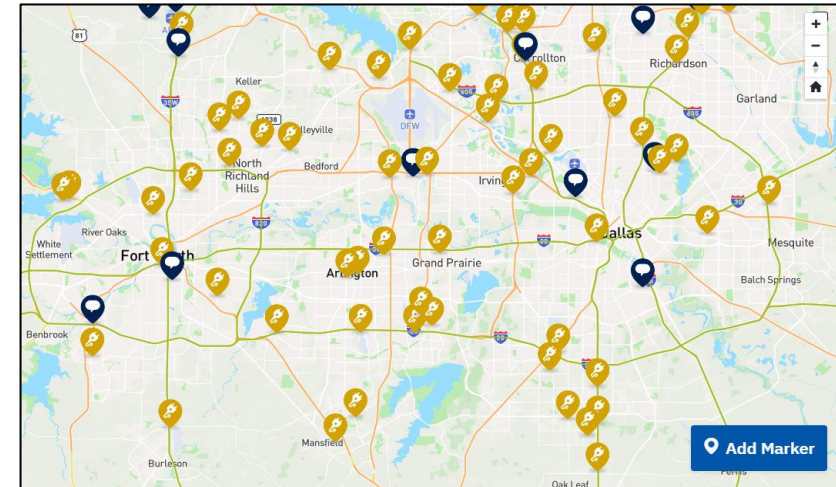
Visit the Regional EV Charging Station Projects page: [publicinput.com/nctcogevcharging](https://publicinput.com/nctcogevcharging)

## Residents/Businesses:

- Sign up for email updates for future public engagement events in the NCTCOG region
- Submit comments and site suggestions on TxDOT Interactive Map
- Sign up on the Transportation Department Vendor Database
- Attend public engagement events
- Spread the word!

## Public Agencies:

- Take the Local EV Interest Survey
- Share opportunities with residents
- Identify and share potential EV charging locations with NCTCOG

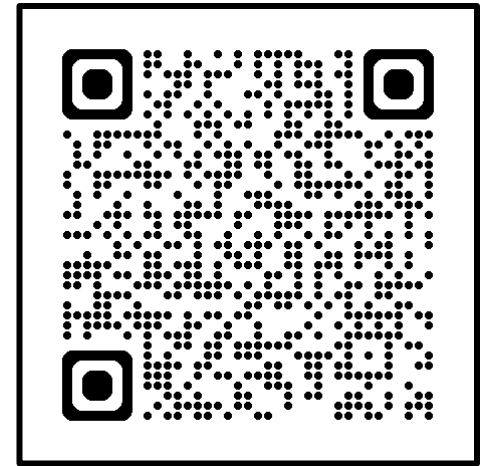


Texas EV Infrastructure Plan Interactive Map



# Local EV Interest Survey

NCTCOG is asking cities, counties, or other public agencies to take the Local EV Interest Survey on NCTCOG's Regional EV Charging Station Projects website ([publicinput.com/nctcogEVcharging](http://publicinput.com/nctcogEVcharging)) to inform us about their community's needs.



## Completed Surveys

City of Seagoville	City of Carrollton	City of Fort Worth	City of Cedar Hill
City of Lake Worth	City of Mansfield	City of Frisco	City of Plano
City of Richardson	City of Hutchins	Crossroads City	City of Duncanville
Town of Fairview	City of Quinlan EDC	City of Watauga	McKinney National Airport
City of Lewisville	City of Mesquite	City of Arlington	City of North Richland Hills
City of Stephenville	Hood County Clean Air Coalition	DART	City of Murphy
City of Weatherford	City of Dallas	City of Grand Prairie	City of Wylie



# Additional EV Infrastructure Work



Assistance for employers to offer charging as an amenity

Recruiting and providing resources



Designation program to identify EV-friendly municipalities

Technical assistance and designation guidance

Goal: 10 local designees

In process: 2

## Building Codes and Standards

2024 International Code Council Appendices

Commercial: Appendix CG

Residential: Appendix RE

Drafted Support Statement for Regional Codes Coordinating Committee Consideration

Referenced in Mobility 2045 as part of Air Quality Initiatives: Communities project





# Funding for Infrastructure

Program/Incentive	Eligible Activities	Funding Amount	Deadline to Apply
<u>Alternative Fuel Vehicle Refueling Property Credit</u>	Installation of qualified fueling equipment, such as EV charging infrastructure in eligible locations - Available to tax-exempt entities through the new DIRECT PAY option	Up to 30% tax credit	December 31, 2032
<u>TERP Alternative Fueling Facilities Program</u>	Funds new construction or the expansion of existing alternative or natural gas fueling facilities	Up to 50% or maximum of \$600,000, whichever is less, for fuels other than natural gas (including EV charging)	Closed; Expected to open Spring 2026
<u>Rural Business Development Grants</u>	EV charging stations can be funded through this grant if local small businesses can provide Letters of Support that state the charging stations will support job growth/retention	No maximum grant amount; however, smaller requests are given higher priority  No cost share requirement	February 28, 2025

Research more funding: [www.nctcog.org/aqfunding](http://www.nctcog.org/aqfunding)





# North Texas Zero-Emission Vehicle Project (NTx-ZEV)

Go to [www.nctcog.org/AQfunding](http://www.nctcog.org/AQfunding) - **Hot Topics** for more information

	Vehicle & Infrastructure ~\$58 million available	ZEV Workforce Development ~\$1.2M available
Eligible Projects	Any battery-electric or hydrogen fuel cell Class 6 or 7 vocational vehicle and infrastructure replacing a non-zero emission (gasoline, diesel, propane, natural gas) Class 6 or 7 vehicle  Public and private entities eligible*	Fund workforce development projects, such as: <ul style="list-style-type: none"> <li>- First responder training</li> <li>- Mechanic training for vehicles/infrastructure</li> <li>- Driver training</li> </ul>
Project Selection	Call for Projects – <u>Expected to open Spring 2025</u> Priority given to operations in 10 county ozone nonattainment area**	Strategic Selection or Other Selection Process
Funding Level	Maximum federal share allowed by EPA 33% to 65% per battery-electric vehicle 60% to 80% per hydrogen fuel cell vehicle	Workforce costs not subject to maximum federal share

\*Must adopt Clean Fleet Policy

\*\*Collin, Dallas, Denton, Ellis, Johnson, Kaufman, Parker, Rockwall, Tarrant, and Wise



Regional Opportunities for EV Charging Stations and Zero Emission Vehicles



# Program Benefits

## New opportunities for the region, including:

- Increased funding levels for hydrogen fuel cell vehicles and electric vehicles
- Replacement of non-diesel (gasoline, compressed natural gas, propane) vehicles
- Flexible scrappage alternatives
- Funding for infrastructure, renewable on-site power generation systems, and workforce development activities related to zero-emission vehicles

## Supports the Clean Vehicles and Equipment Measure in the Dallas-Fort Worth Air Quality Improvement Plan

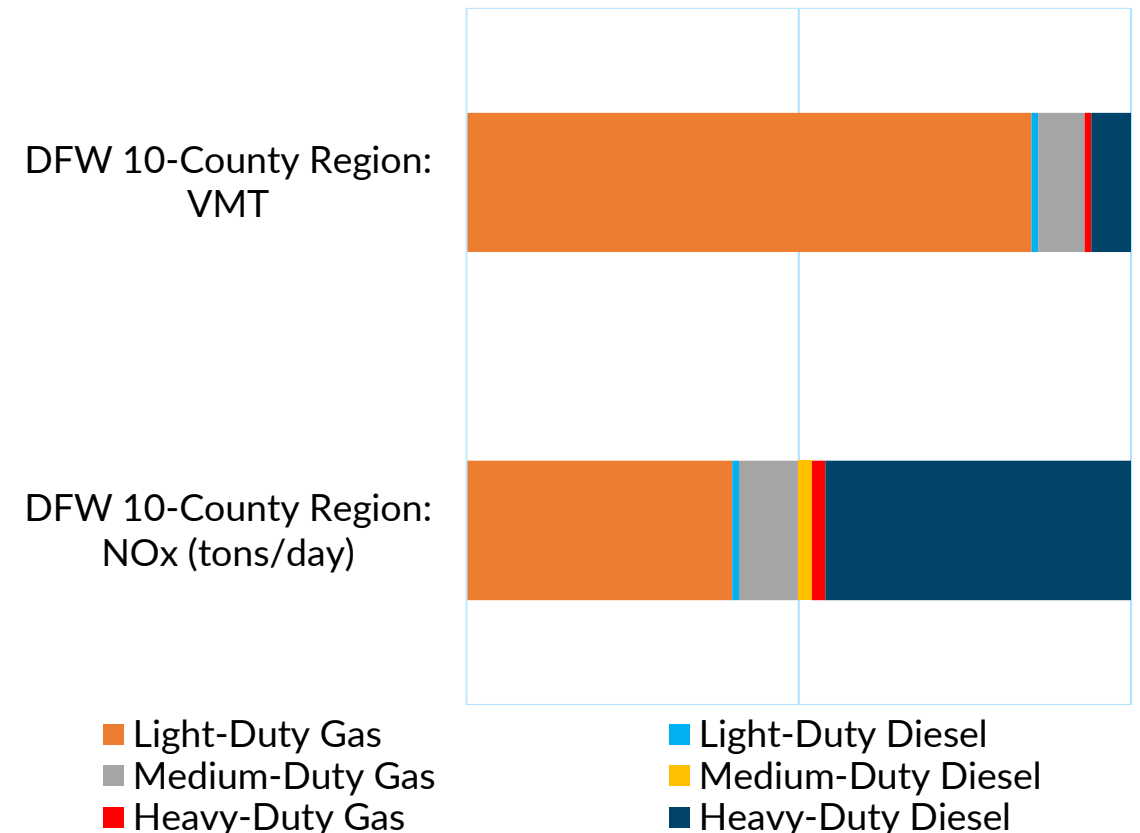
([www.publicinput.com/dfwAQIP](http://www.publicinput.com/dfwAQIP))



Regional Opportunities for EV Charging Stations and Zero Emission Vehicles

Current Ozone design value of 78 ppb continues to exceed the EPA standard

## Vehicle Miles Traveled Versus Nitrogen Oxides Contribution by On-Road Vehicle Type in Dallas-Fort Worth



Emissions Impact of Heavy-Duty Diesel is Disproportionately High Compared to Miles Traveled



# Funding for Clean Energy

Program/Incentive	Eligible Activities	Funding Amount	Deadline to Apply
<u>Clean Electricity Production Tax Credit</u>	Production and sale of clean electricity from renewable sources (wind, biomass, geothermal, solar, small irrigation, landfill capture, and hydropower)	Base of 1.5 cents/kWh if PWA rules are met, (0.3c/kWh if not), with a 10% bonus for domestic content and 10% bonus if located in an energy community	2032 or when U.S. greenhouse gas emissions from electricity are 25% of 2022 emissions or lower
<u>Clean Electricity Investment Tax Credit</u>	Renewable energy projects and projects related to the generation and storage of clean energy	6% of eligible costs; 30% if PWA requirements are met, other bonuses up to 70%	2032 or when U.S. greenhouse gas emissions from electricity are 25% of 2022 emissions or lower
<u>Energy Efficient Commercial Building Deduction</u>	Interior lighting; HVAC; Hot water systems; Building envelope	Pre 2022: \$1.80/sqft if at least 50% energy savings; 2023 or after: \$0.50-1.00/sqft, depending on energy savings achieved (25% minimum)	No deadline




# Preliminary Energy Assessments (PEAs)

[Preliminary Energy Assessments \(PEAs\)](#) are provided by the [State Energy Conservation Office \(SECO\)](#) and offer cost effective resource efficiency measures entities can implement to decrease energy consumption at no cost

- Help guide the development of an energy management policy
- Provide facility benchmarking using ENERGY STAR Portfolio Manager
- Recommended maintenance procedures
- Develop efficiency level guidelines for equipment purchases

## Preliminary Energy Assessment Service Request Form

Form# 50-852



Public Entity Name		Telephone	
Contact Person		Title	
Email Address		County	
Street Address	City	State	ZIP Code
Mailing Address	City	State	ZIP Code

### Preliminary Energy Assessment Service Eligibility

The State Energy Conservation Office (SECO) provides free preliminary energy assessments (PEAs) for existing public facilities and infrastructure. Eligible entities include municipal and county governments, public school districts, county hospitals, port authorities, major airports, public water authorities and municipally owned utilities. Leased or rented facilities and infrastructure are not eligible for this service.

### Principles of Agreement

By submitting this request form, the entity listed above must agree to:

- select a contact person to work with SECO and its designated contractor to establish an energy policy and set realistic energy efficiency goals;
- allow SECO's designated contractor to provide walk-through assessments of selected facilities;
- schedule a time for SECO's designated contractor to make a presentation on the assessment findings to key decision-makers;
- consider implementing the PEA's energy savings recommendations; and
- allow SECO to post portions of this report on its website

### Additional Questions

Has this organization used SECO's technical assistance or PEA services in the past?	<input type="radio"/> Yes <input type="radio"/> No
Is the primary contact for this PEA familiar with SECO's LoanSTAR revolving loan program?	<input type="radio"/> Yes <input type="radio"/> No
Has this organization used SECO's LoanSTAR revolving loan program in the past?	<input type="radio"/> Yes <input type="radio"/> No

### Signature

This agreement must be signed by your organization's chief executive officer or other signing authority.

Signature	Date
Print Name	Title

Submit completed forms to SECO at [Margaret.Garcia@cpa.texas.gov](mailto:Margaret.Garcia@cpa.texas.gov)

or by mail to: State Energy Conservation Office  
Attn: Margaret Garcia  
111 E. 17th Street  
Austin, TX 78711-1440

50-852 (10-19/2)

# Get Involved with DFWCC

Contact us at [cleancities@nctcog.org](mailto:cleancities@nctcog.org) for questions or assistance

Upcoming webinars and events posted regularly at [dfwcleancities.org/events](https://dfwcleancities.org/events)

- February 26, 2025: DFWCC Stakeholder Input Session
- March 25-27: Heavy-Duty Zero-Emission Vehicle Webinar Series

Complete the **DFWCC Annual Survey** by February 28, 2025, to report your fleets efforts to improve air quality help measure regional efforts to reduce emissions at [dfwcleancities.org/annualreport](https://dfwcleancities.org/annualreport)

Sign up for DFWCC weekly email list and follow DFWCC LinkedIn at: [dfwcleancities.org/getinvolved](https://dfwcleancities.org/getinvolved)



North Central Texas  
Council of Governments



Dallas-Fort Worth  
CLEAN CITIES



Regional Opportunities for EV Charging  
Stations and Zero Emission Vehicles



# Contact Us



Jared Wright  
Senior Air Quality Planner  
[jwright@nctcog.org](mailto:jwright@nctcog.org)



Joslyn Billings  
Air Quality Planner  
[jbillings@nctcog.org](mailto:jbillings@nctcog.org)



Savana Nance  
Principal Air Quality Planner  
[snance@nctcog.org](mailto:snance@nctcog.org)



Alyssa Cunningham  
Air Quality Planner  
[acunningham@nctcog.org](mailto:acunningham@nctcog.org)



Dallas-Fort Worth  
CLEAN CITIES



[dfwcleancities.org](http://dfwcleancities.org)



[@NCTCOGTrans](https://twitter.com/NCTCOGTrans)



[cleancities@nctcog.org](mailto:cleancities@nctcog.org)

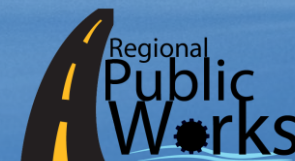


[linkedin.com/showcase/dfwcleancities/](https://www.linkedin.com/showcase/dfwcleancities/)



Regional Opportunities for EV Charging  
Stations and Zero Emission Vehicles

# 5. Celebrating Leadership in Development Excellence (CLIDE) Awards.



North Central Texas  
Council of Governments  
Environment & Development





# CLIDE

Celebrating Leadership In Development Excellence  
*Awards 2025*



Applications accepted February 3 – February 28, 2025

[www.developmentexcellence.com](http://www.developmentexcellence.com)

[www.developmentexcellence.com/Submit-Application](http://www.developmentexcellence.com/Submit-Application)

# 12 Principles of Development Excellence

1. Activity Centers
2. Development Diversity
3. Educational Opportunity
4. Efficient Growth
5. Efficient Mobility Options
6. Environmental Stewardship
7. Healthy Communities
8. Housing Choice
9. Pedestrian Design
10. Quality Places
11. Resource Efficiency
12. Implementation

Learn more at: [www.developmentexcellence.com/Principles](http://www.developmentexcellence.com/Principles)





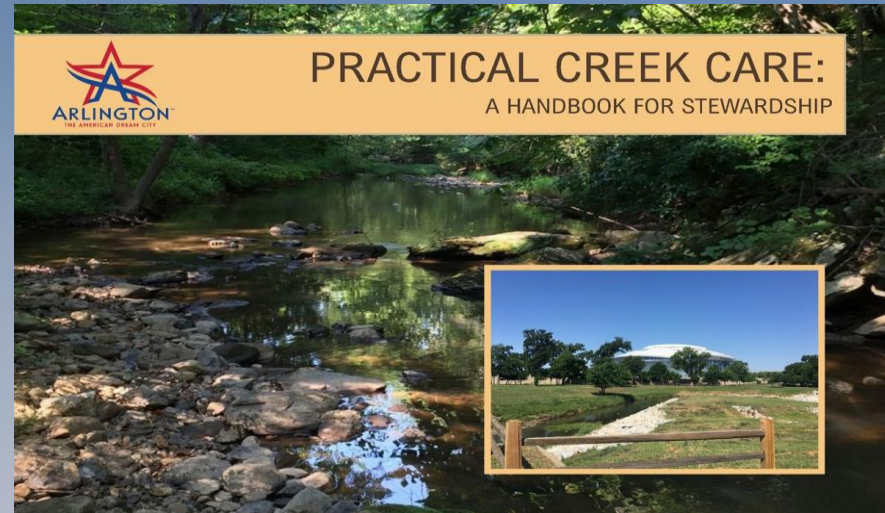
# Categories for Submittal



## Redevelopment



## Raising Public Awareness





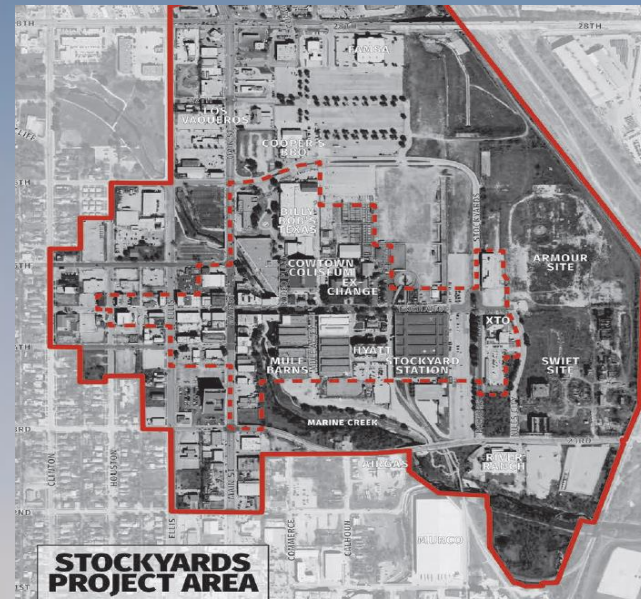
# Categories for Submittal



## Special Development



## Public Policy & Planning



## New Development







# Contact and Resources

Learn more about the CLIDE Awards here:

[www.developmentexcellence.com/About-the-CLIDE-Awards](http://www.developmentexcellence.com/About-the-CLIDE-Awards)

Principles of Development Excellence:

[www.developmentexcellence.com/Principles](http://www.developmentexcellence.com/Principles)

Submittal Categories:

[www.developmentexcellence.com/Submit-Application](http://www.developmentexcellence.com/Submit-Application)

Crysta Guzman

Sr. Environment & Development Planner

[cguzman@nctcog.org](mailto:cguzman@nctcog.org)

817-695-9107

Corinne Buckley

Environment & Development Planner

[cbuckley@nctog.org](mailto:cbuckley@nctog.org)

817-704-2510

# 6. FY2025 Public Works Work Program Update

## Marketing the Public Works Council

- Creating a Public Works Council hype video
  - Developing script
  - Filming B-roll and main footage
- Ready by next PWC Meeting



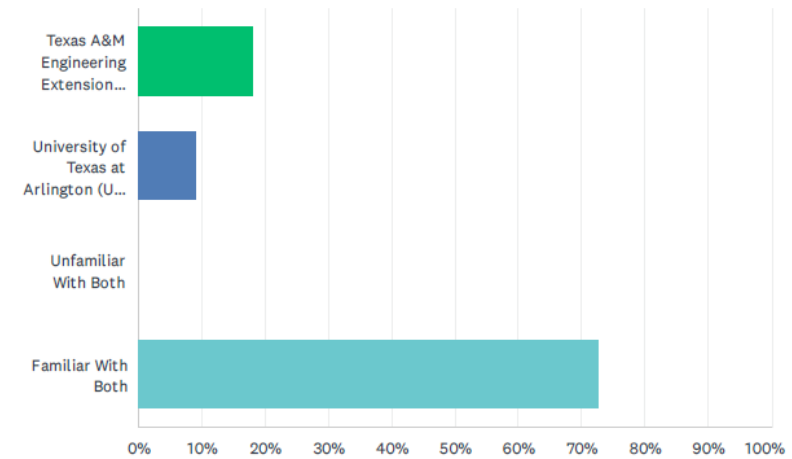
# 6. FY2025 Public Works Work Program Update

## Public Works Council Training Inquiry Survey Results

### Public Works Training Inquiry

Q1 Is your agency aware of the Public Works training offered by the following institutions?

Answered: 11 Skipped: 0

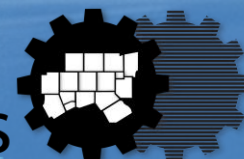
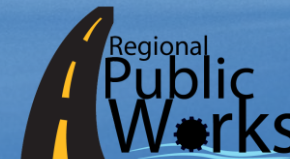


#### QUIZ STATISTICS

Percent Correct	Average Score	Standard Deviation	Difficulty
100%	1.0/1.0 (100%)	0.00	2/3

#### ANSWER CHOICES

ANSWER CHOICES	SCORE	RESPONSES	
✓ Texas A&M Engineering Extension Service (TEEX)	1/1	18.18%	2
✓ University of Texas at Arlington (UTA) Public Works Institute	1/1	9.09%	1
✓ Unfamiliar With Both	1/1	0.00%	0
✓ Familiar With Both	1/1	72.73%	8
<b>TOTAL</b>			<b>11</b>



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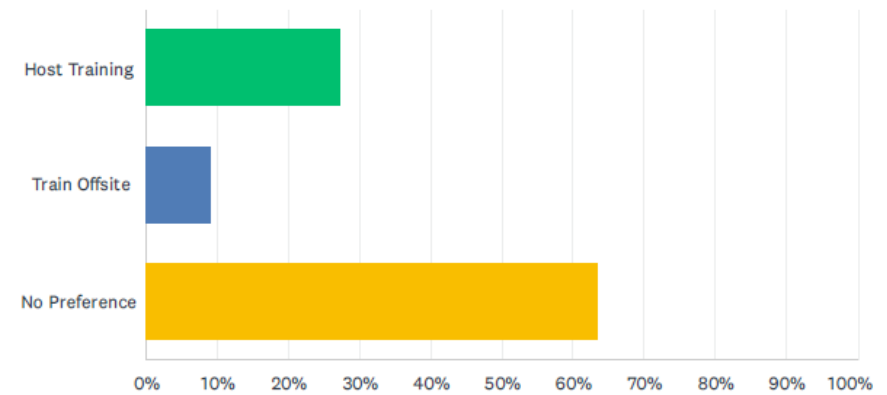
# 6. FY2025 Public Works Work Program Update

## Public Works Council Training Inquiry Survey Results

### Public Works Training Inquiry

Q2 Does your agency prefer hosting training or having personnel go offsite to train?

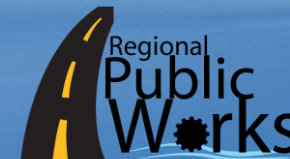
Answered: 11 Skipped: 0



#### QUIZ STATISTICS

Percent Correct 100%	Average Score 1.0/1.0 (100%)	Standard Deviation 0.00	Difficulty 2/3
-------------------------	---------------------------------	----------------------------	-------------------

ANSWER CHOICES	SCORE	RESPONSES	
✓ Host Training	1/1	27.27%	3
✓ Train Offsite	1/1	9.09%	1
✓ No Preference	1/1	63.64%	7
<b>TOTAL</b>			<b>11</b>



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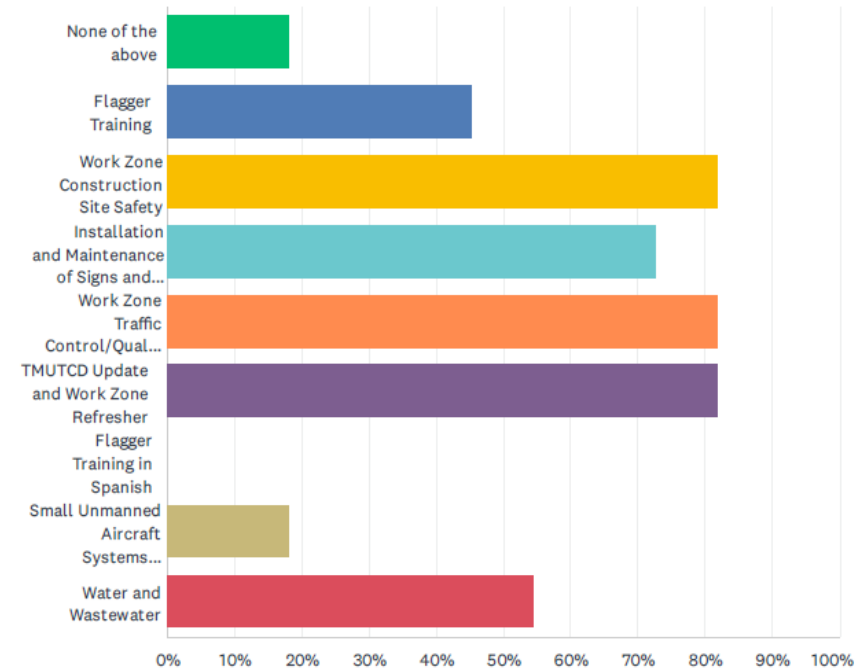
# 6. FY2025 Public Works Work Program Update

## Public Works Council Training Inquiry Survey Results

### Public Works Training Inquiry

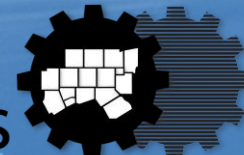
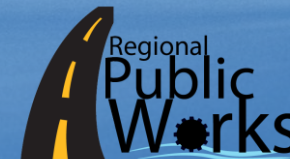
Q3 Would your agency like assistance securing training in the areas below (please select all that apply)?

Answered: 11 Skipped: 0



#### QUIZ STATISTICS

Percent Correct	Average Score	Standard Deviation	Difficulty
0%	4.5/9.0 (51%)	1.86	1/3



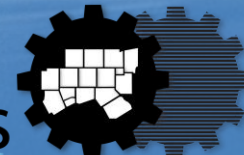
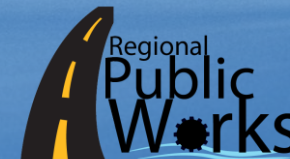
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# 6. FY2025 Public Works Work Program Update

## Public Works Council Training Inquiry Survey Results

### Public Works Training Inquiry

ANSWER CHOICES	SCORE	RESPONSES	
✓ None of the above	1/9	18.18%	2
✓ Flagger Training	1/9	45.45%	5
✓ Work Zone Construction Site Safety	1/9	81.82%	9
✓ Installation and Maintenance of Signs and Pavement Markings	1/9	72.73%	8
✓ Work Zone Traffic Control/Qualified Flagger	1/9	81.82%	9
✓ TMUTCD Update and Work Zone Refresher	1/9	81.82%	9
✓ Flagger Training in Spanish	1/9	0.00%	0
✓ Small Unmanned Aircraft Systems (Drones)	1/9	18.18%	2
✓ Water and Wastewater	1/9	54.55%	6
<b>Total Respondents: 11</b>			





# 6. FY2025 Public Works Work Program Update

## New Inspectors Training 2025

- NCTCOG coordinating with two cities on the possibility of hosting for 2025
- Classroom and site visit
- Free to PWC participants (cost share)





# 6. FY2025 Public Works Work Program Update

## 26<sup>th</sup> Annual Public Works Roundup

- September 4, 2025, 8:30 a.m. to 4:00 p.m.
- Hurst Conference Center
- Any suggestions or ideas for next year?
- Begin Planning for Presentation
- <https://www.nctcog.org/envir/public-works/annual-public-works-roundup>





# 6. FY2025 Public Works Work Program Update

## Sustainable Public Rights of Way (SPROW) Update Events/Meetings

- Most Recent Sustainable Public Rights of Way (SPROW) Meeting February 5, 2025
- Next (SPROW) Meeting the week of May 5, 2025 – or postpone to begin drafting based on existing research





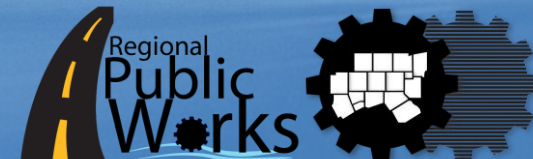
# 6. FY2025 Public Works Work Program Update

## *integrated* Stormwater Management Subcommittee

*integrated* Stormwater  
Management



- **Last Meeting:** January 29, 2025, NCTCOG provided updates on FY25 task deliverables
- **Next Meeting:** Will be held (in-person) week of April 28, 2025
- **Upcoming Events:**
  - Hybrid iSWM Workshop – March 3, 2025
  - Recruit for updates to manual and drawings





# 6. FY2025 Public Works Work Program Update

## *integrated* Stormwater Management Subcommittee

*integrated* Stormwater Management



### FY25 Deliverables

#### Task 1 – iSWM Manual Changes

- Extended to FY25

#### Task 2 – iSWM BMP Training

- Development Submittal & Review Workshop planned for September 2024

#### Task 3 – iSWM Implementation Guidance

- Community Panel – Extended to FY25; Planned for January 2025

#### Task 4 – iSWM Promotional Presentations

- Additional trainings extended to FY25





# 6. FY2025 Public Works Work Program Update

## *integrated* Stormwater Management Subcommittee

*integrated* Stormwater Management



### FY25 Deliverables

#### Task 5 – Research “Cumulative Impacts” on Small Footprint Developments

- Currently developing memorandum summarizing findings from a study evaluating impervious scenarios and subsequent impacts on hydrology & hydraulics.

#### Task 6 – Engineering Best Practices for iSWM Submittals During City Development Review

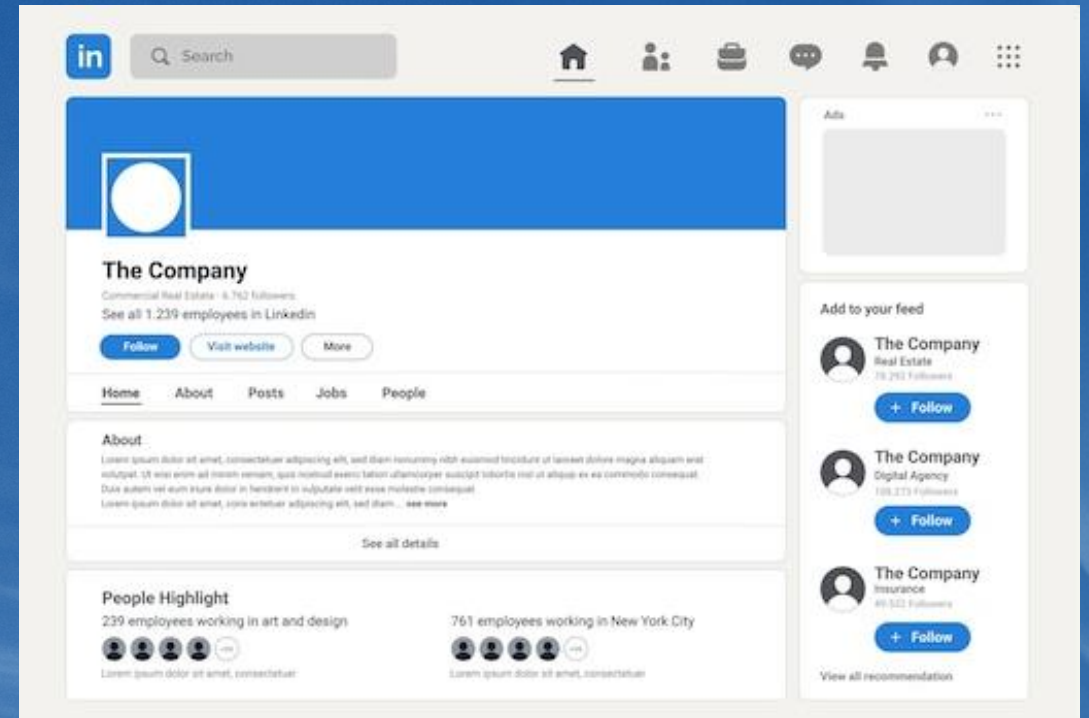
- Guidance document to be finalized following Task 2, iSWM BMP Training



# 6. FY2025 Public Works Work Program Update

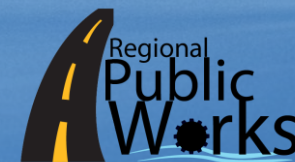
## Social Media Presence

- NCTCOG proposes establishing a Public Works LinkedIn page.
- Showcase – Gives interested parties a look at what PWC does
- Network – Build a community-like feeling with partnered counties/cities
- Gallery – Post content that could include photos and film of recent events





# Other Program Activities



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# PWERT Updates

- No Deployments since last meeting
- Funding awarded to Irving for Vehicle Interdiction Trailer
- Projects submitted to REPAC in October for FY25
- At next meeting Chair and Vice Chair positions will be considered.
  - Clay Riggs Chair – Accepted a position in the private sector
  - Ed Balderas Vice Chair – Accepted a position with TDEM and will be moving to Austin





# Project Overview

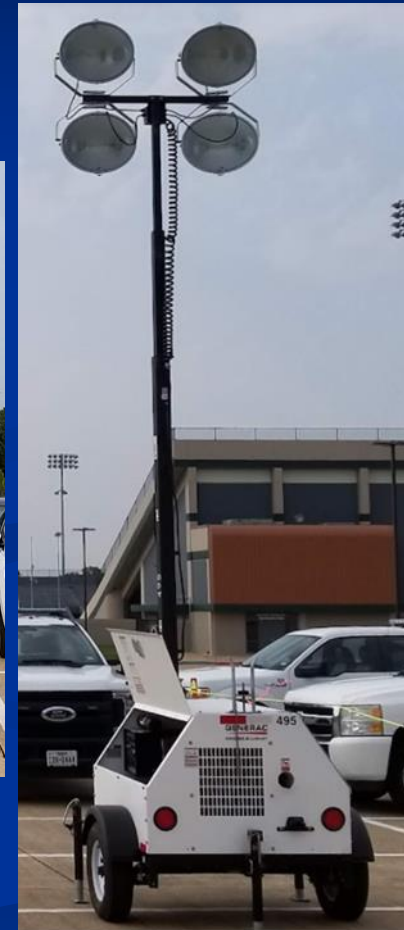
## Project One – Type I Dynamic Message Boards (DMBs)

Waxahachie, Plano, Irving, and Lewisville



## Project Two – Type I Floodlights (portable light towers)

Irving and Waxahachie





# Project Costs

Item	Quantity	Per Unit Cost	Extended Cost
Project One - Dynamic Message Board	4	\$21,000	\$84,000
Project Two - Portable Light Tower	2	\$19,000	\$38,000
<b>Total Cost</b>			<b>\$122,000</b>

## Previous Awards

FY20 Award Total - \$97,772.50

FY21 Award Total - \$100,258.32

FY22 Award Total - \$127,690.60

FY23 Award Total - \$104,000.00

FY24 Award Total - \$88,816.00

## FY25 Funding Priority

Fund two DMBs and one light tower first – \$61,000





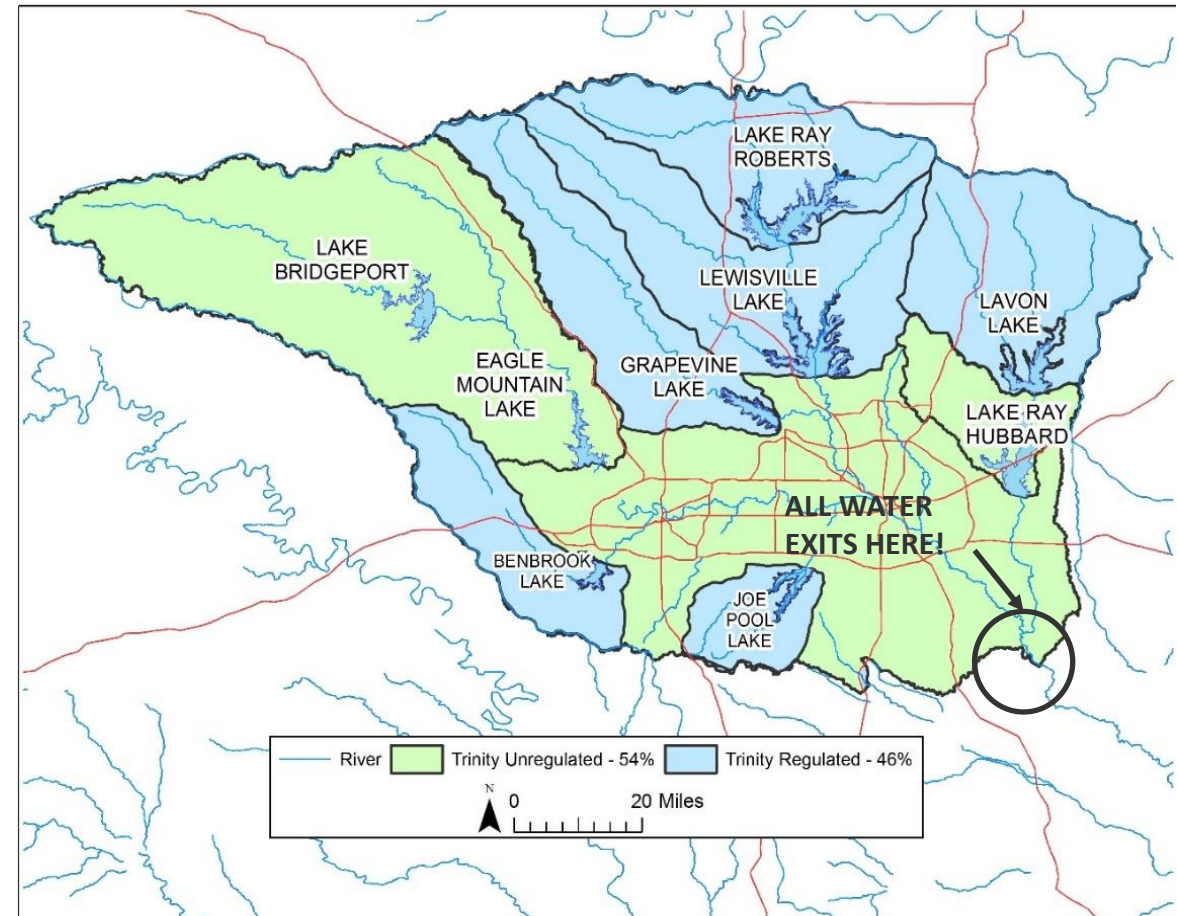
# 7. Other Program Activities

## Integrating Transportation and Stormwater Infrastructure Study



# Why Is Storage So Important?

- Drainage area 6278 sq mi (below Dallas)
- Single discharge point for entire system
- Light green area is unregulated (no mitigation)
- Maximum historical flow ~90,000 cfs
- USACE maximum release 24,000 cfs
- Maximum flow rates suggest long periods to empty system

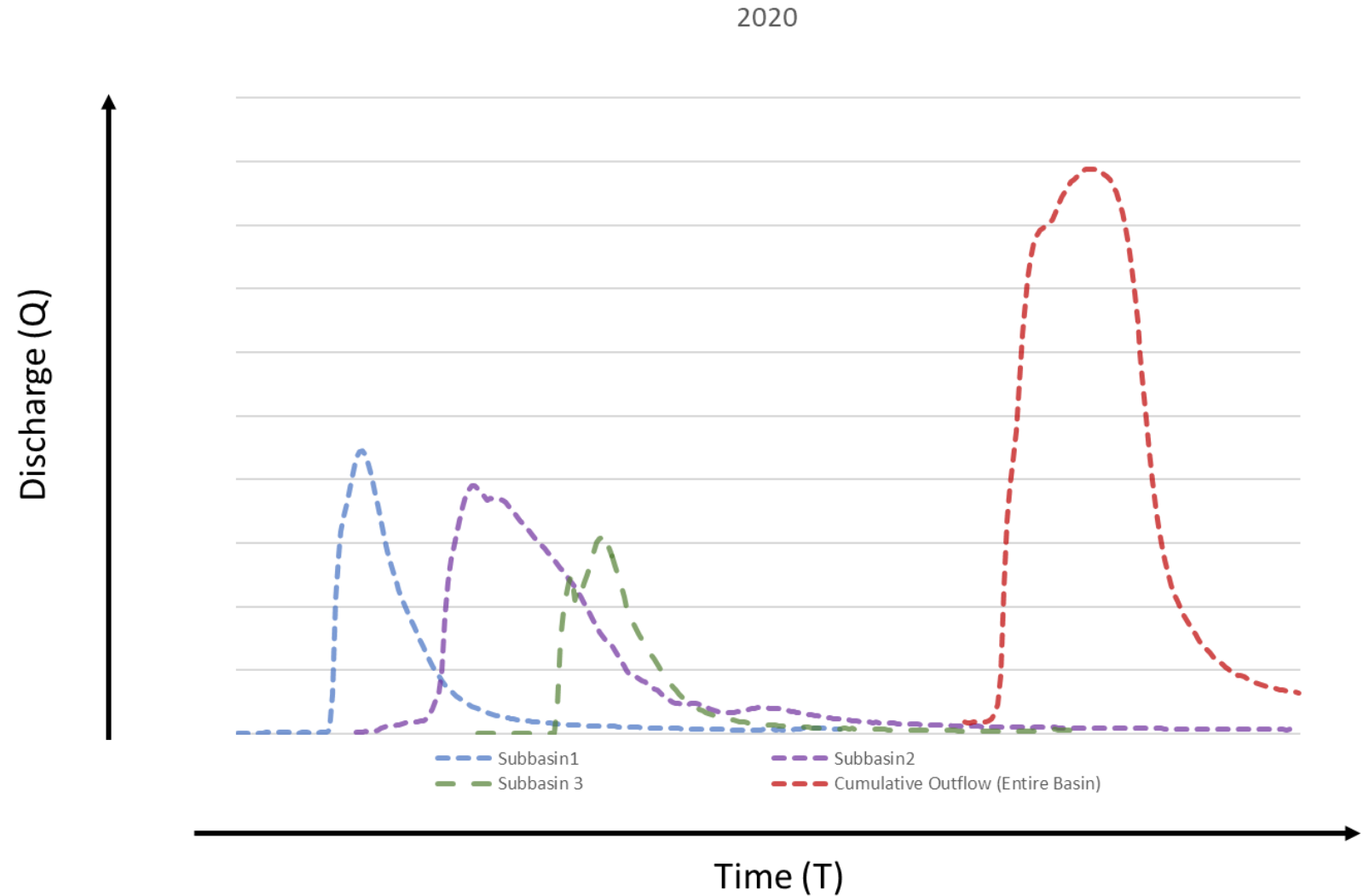


Source: USACE



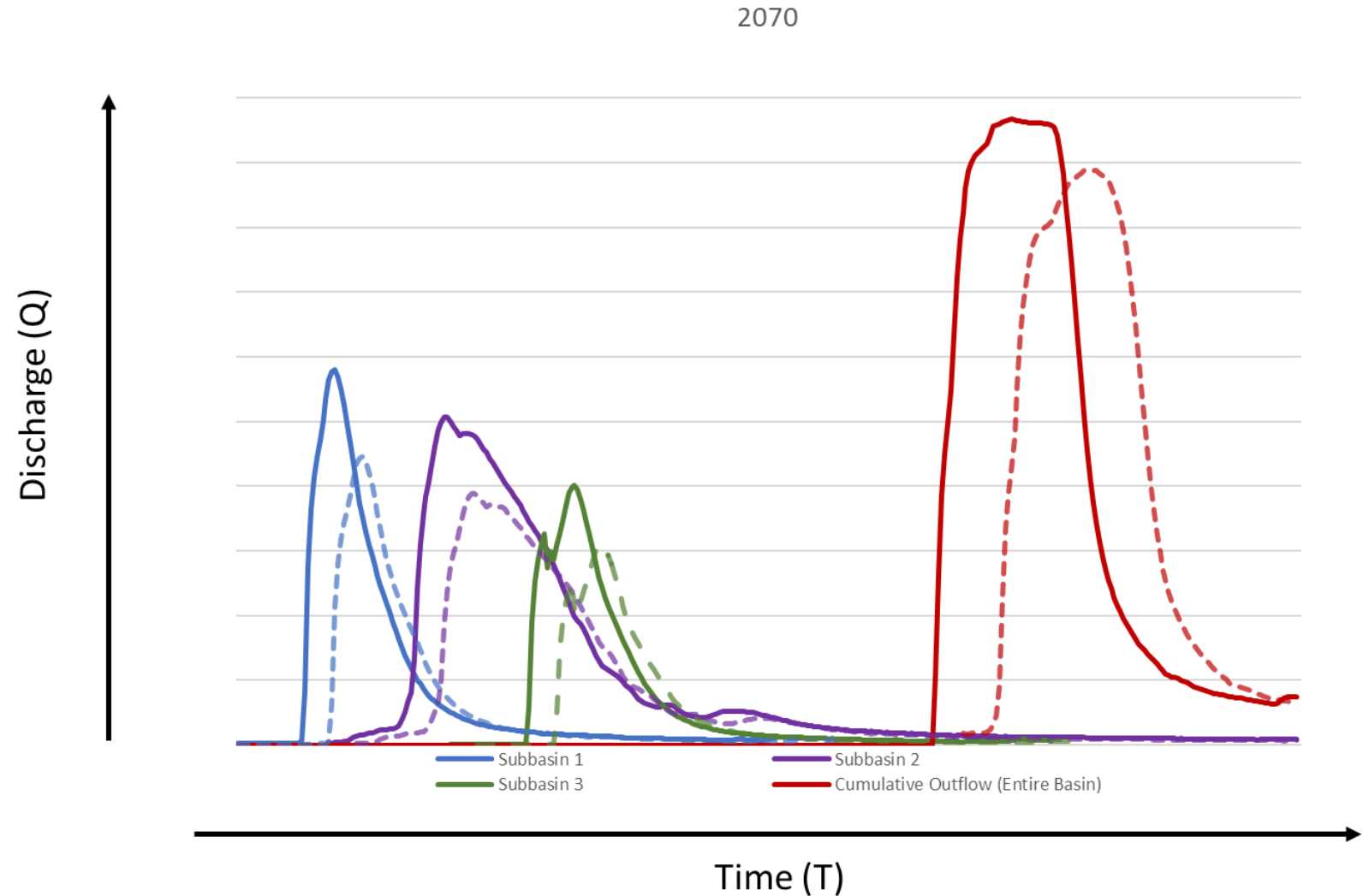
# Changes in Runoff Resultant from Development

- 2020 Land use sub-basins and entire catchment



# Changes in Runoff Resultant from Development

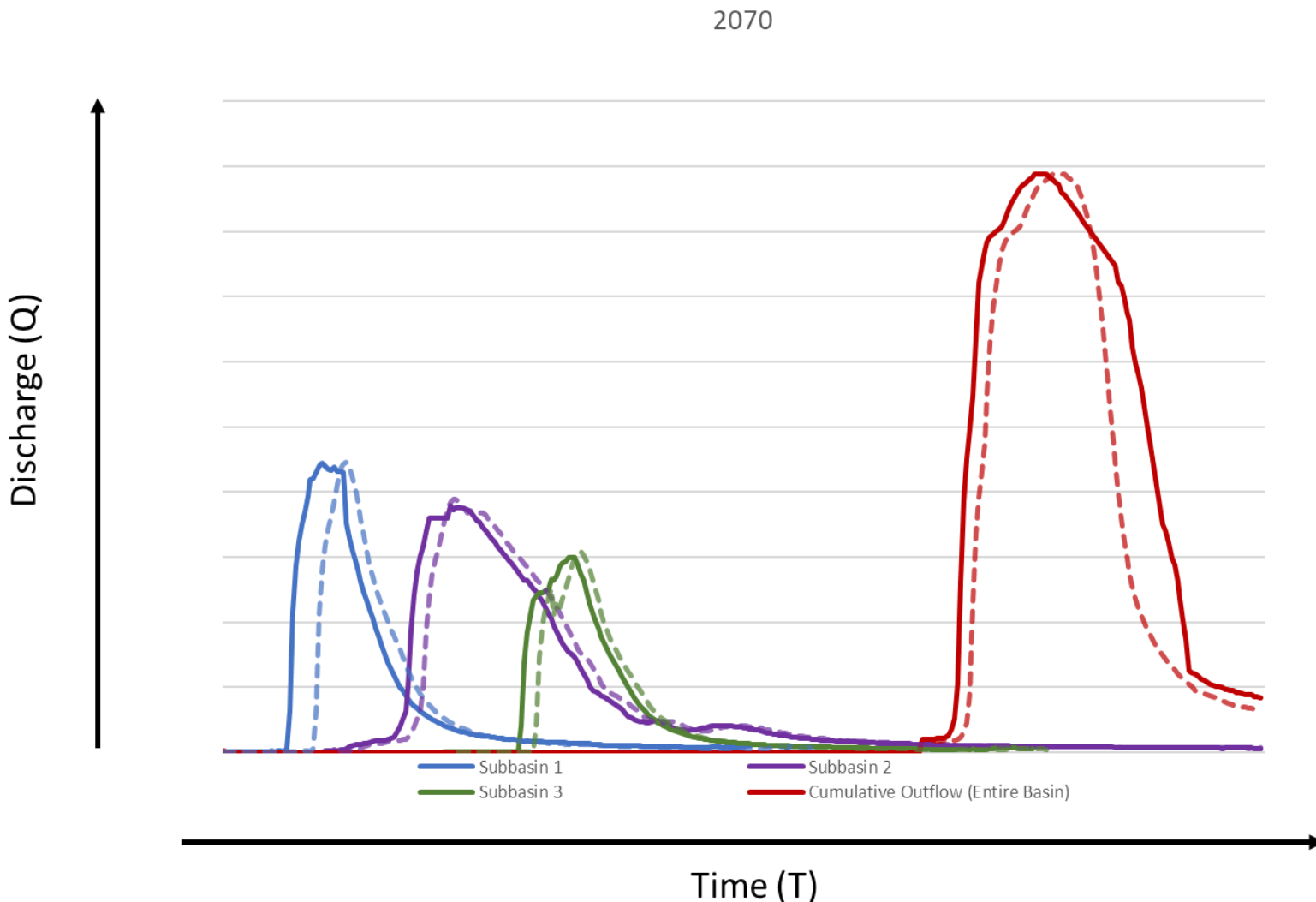
- 2020/2070 Land use sub-basins and entire catchment





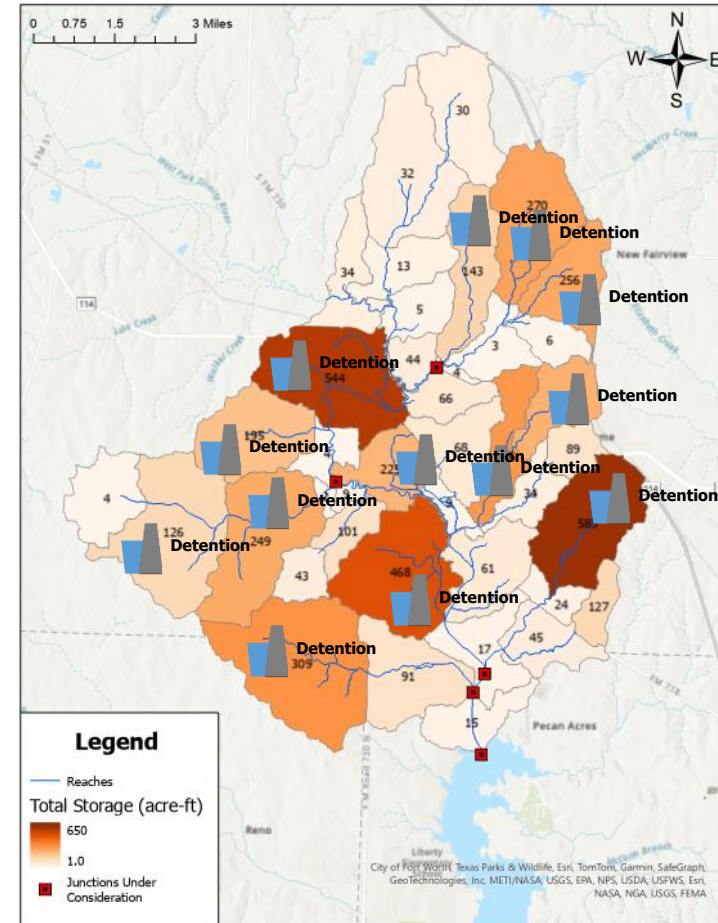
# Changes in Runoff Resultant from Development

- Effects of detention on 2070 flows



# Distributed Detention Storage Study

- Distributed optimization completed
- The darker the sub-basin color the more storage is needed
- Results of distributed storage only suggests 13 detention reservoirs
- Study for regional detention is nearing completion
- Distributed and regional will be jointly optimized



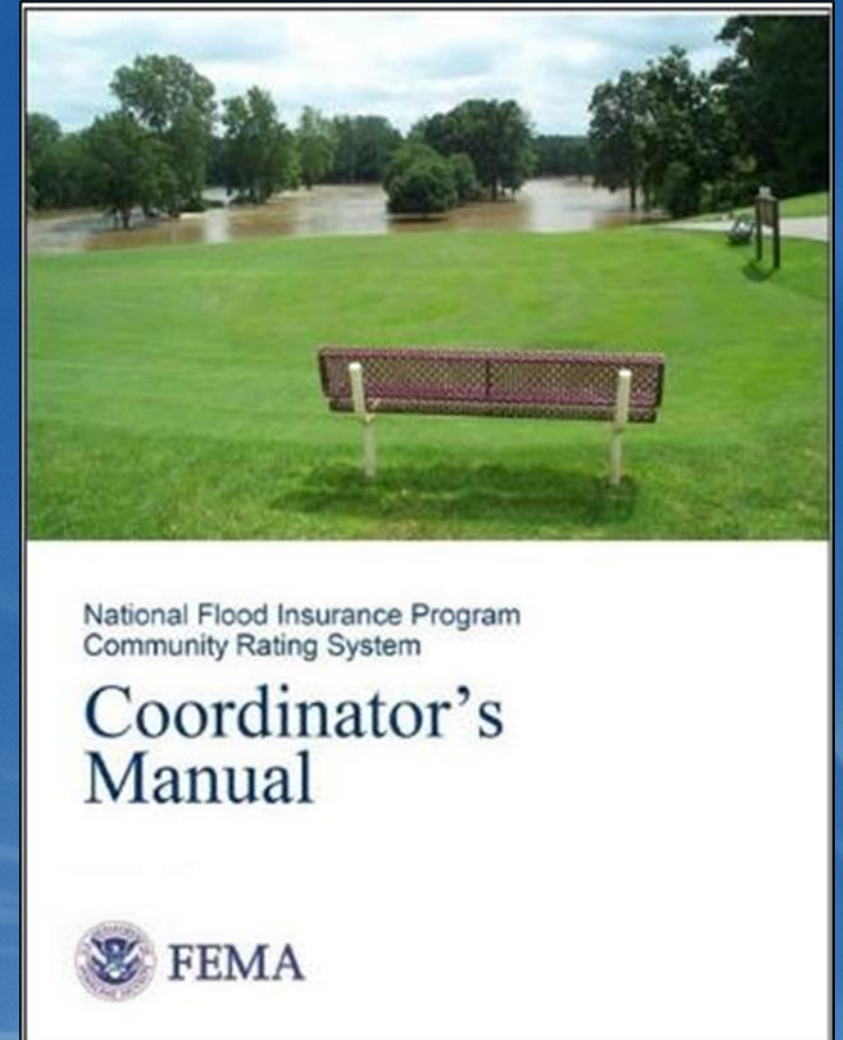
Peak Discharge at outfall: 39,721 cfs  
Total Storage: 4,881 Acre ft



# 7. Other Program Activities

## Community Rating System Users Group

- L0278 NFIP CRS Course
  - Aug 11-14, 2025; 8 a.m. – 5 p.m.; NCTCOG offices
  - Prerequisites: CFM, L0273 course, OR >2 years relevant experience
  - Limited to two attendees per community
- Contact Erin Blackman at [Eblackman@nctcog.org](mailto:Eblackman@nctcog.org) or (817) 608-2360 for registration details





# 7. Other Program Activities

## Texas Chapter of American Public Works Association

Update provided by:

Gabby Proce, North Central Branch President





# A brief presentation from your North Central branch president of TX-APWA: Gabriela Proce, EIT

## Gabriela Proce



Gabriela (Gabby) Proce currently serves as the President of the North Central Texas Branch of the Texas Chapter of APWA. She previously chaired the North Central Branch's Young Professionals Committee. In 2019, she was the recipient of the Member of the Year award. She has helped plan multiple conferences/events with the Texas Chapter, as well as her local branch, the North Central Texas Branch. Gabby helps the Texas Chapter's Young Professional Committee whenever needed. Gabby also serves the Texas Chapter as their Publicity Chair. She is a recipient of the John Roark Young Leader Award in 2021. She has written articles for the Texas Chapter's publication, The Participant, now called the Texas Reporter, as well as APWA's The Reporter. She is involved in APWA nationally as well, serving as a member of the Small Cities Rural Communities Knowledge Team. Gabby is 1 of 30 members of the 18th Class of APWA's Emerging Leaders Program. She has been around APWA all her life, but has been most active since high school. Gabby currently works as the Civil Engineer for the City of University Park. Gabby's expertise in civil engineering includes roadway/alley design, water main and sewer line design, and drainage design.

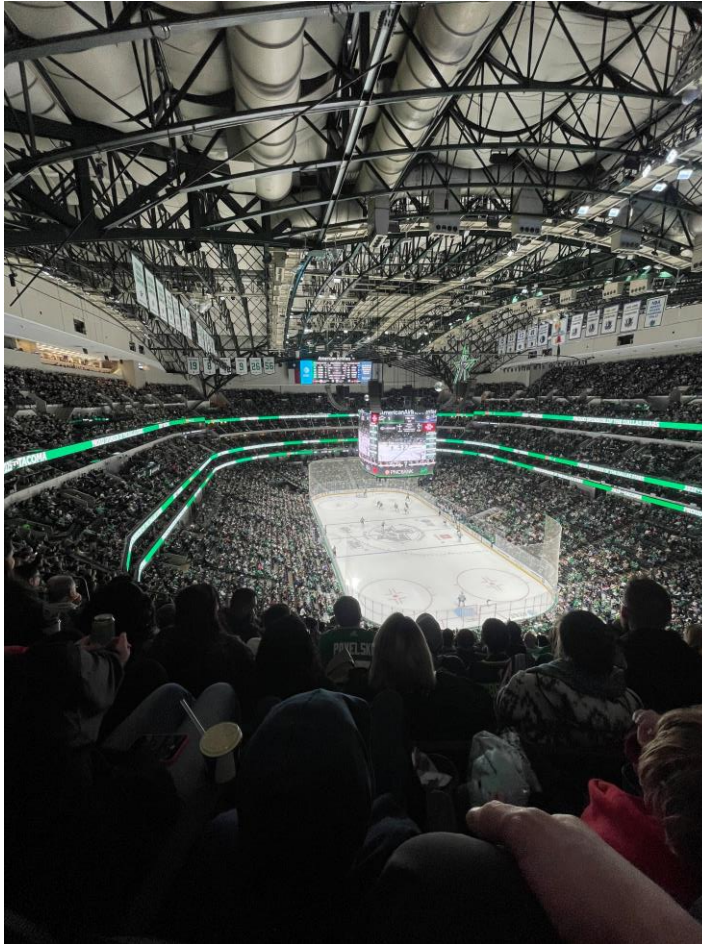
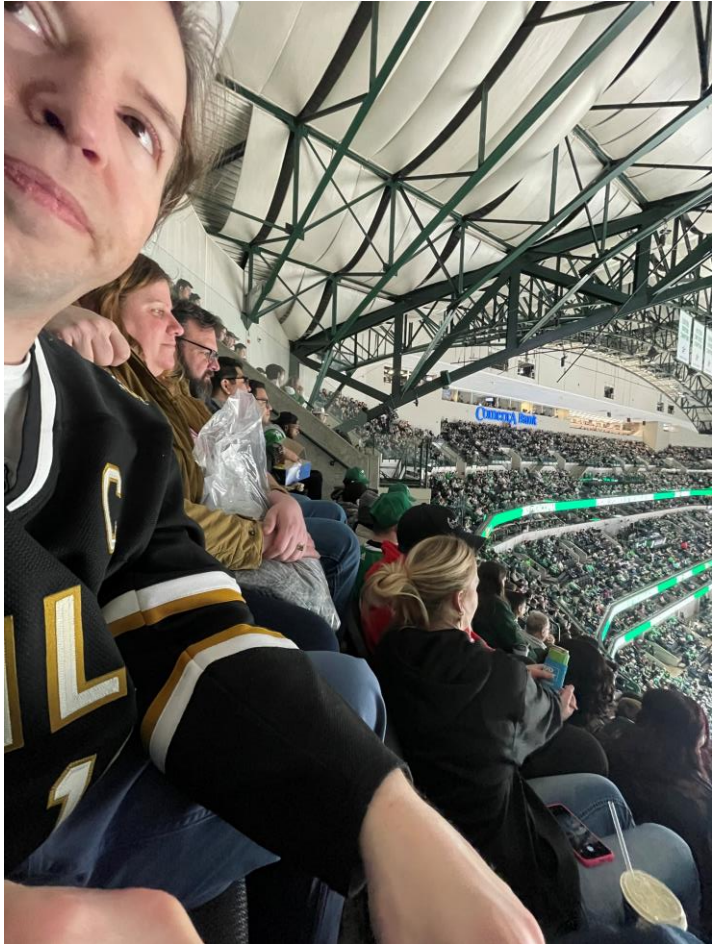
- [gproce@uptexas.org](mailto:gproce@uptexas.org)
- [www.linkedin.com/in/gabrielaproce](https://www.linkedin.com/in/gabrielaproce)



# Branch Events



## Stars Game – January 31<sup>st</sup>, 2025



## Upcoming Branch Events

- General Meeting/Holiday Luncheon, Location TBD, Registration not open yet—April 15<sup>th</sup>, 2025
- Clay Shoot, Alpine, Fort Worth—April 17<sup>th</sup>, 2025



NC Branch Website





Member of the Year

Audrey Giesler Klump

## Contractor of the Year



**SYB Construction Co.**





## President's Award

**Katie Barron**



North Texas Food Bank  
&  
Tarrant Area Food Bank

Donation to each ~\$1700  
Our LARGEST contribution to date!!





# State Events



## Public Workshop in College Station, TX – February 9<sup>th</sup>-12<sup>th</sup> 2025





# TX-APWA Annual Conference



Registration opens  
beginning of  
March



# National Events



APWA

PWX



[https://chicago.apwa.org/  
events/pwx-2025-chicago/](https://chicago.apwa.org/events/pwx-2025-chicago/)



**PWX**  
PUBLIC WORKS EXPO  
CHICAGO ★ 2025

APWA

PWX



<https://texas.apwa.org/event/apwa-pwx-2026/>





# 8. Future Agenda Items

Council Members and NCTCOG may suggest future agenda items



# 9. Roundtable Discussion





# 10. Next Meeting

- Next PWC Meeting: May 15, 2025, at 9:30 a.m. (Microsoft Teams)
- All FY25 meetings have been scheduled:  
<https://www.nctcog.org/envir/Events>
  - May 15, 2025
  - August 21, 2025
- More information: <https://www.nctcog.org/envir/committees/public-works-council>



# Contact & Connect

Carl Singleton  
Environment & Development Planner  
North Central Texas Council of Governments  
[csingleton@nctcog.org](mailto:csingleton@nctcog.org)  
817.458.4768

Erin Blackman  
Environment & Development Planner  
North Central Texas Council of Governments  
[eblackman@nctcog.org](mailto:eblackman@nctcog.org)  
817.608.2360

Kate Zielke  
Environment & Development Program Supervisor  
North Central Texas Council of Governments  
[kzielke@nctcog.org](mailto:kzielke@nctcog.org)  
817.695.9227



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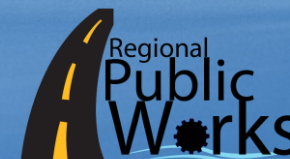
[@nctcogenv](https://www.instagram.com/nctcogenv)



[youtube.com/user/nctcoged](https://youtube.com/user/nctcoged)



[EandD@nctcog.org](mailto:EandD@nctcog.org)

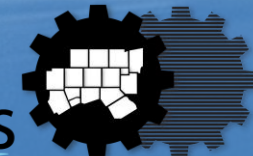
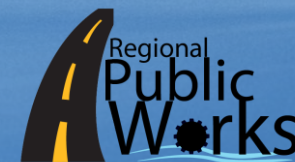


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## 12. Adjournment

Thank you for attending!



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