

# Flood Management Task Force

February 21, 2025

# Agenda

1. Welcome and Introductions.
2. Meeting Summary.
3. FY 2025 Trinity River COMMON VISION Work Program Activities Discussion.
4. Other Program Related Efforts.
5. Roundtable Topics/Other Business.
6. Next Meeting.
7. Adjournment.

# Meeting Summary Approval

- ▶ The link to [the November Meeting Summary](#) is available in the chat.
- ▶ Please inform Jai-W Hayes-Jackson of any corrections or additions, at [jhayes-jackson@nctcog.org](mailto:jhayes-jackson@nctcog.org).

# Work Program Projects & Activities

# **NFIP/CDC Model Consolidation and Extension Efforts**

# FY2025 Trinity River Common Vision Work Program

## NFIP-CDC Model Maintenance and Extension Efforts

- ▶ The USACE is continuing to incorporate approved CDC projects into the consolidated NFIP-CDC model and conduct ongoing model maintenance and expansion.
  1. Added additional project and update river alignment and reach lengths in lower Clear Fork CDC geometry.
    - ▶ Better represents Clear Fork river alignment and overbank flow paths to produce more appropriate reach lengths in CDC geometry
    - ▶ Coordinated changes with FEMA and discussing possibly incorporating this into NFIP geometry
  2. Finalized extension of CDC model along the East Fork Trinity and the Trinity Mainstem.
    - ▶ Modeling and documentation complete and shared with FMTF for review at NOV meeting
    - ▶ We did not receive any comments and propose FMTF voting to approve the model
    - ▶ Note that CDC and NFIP models in this area will remain separate until funding permits consolidation

# Contact

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# CDC Manual Update to the 5th Edition



# FY2025 Trinity River Common Vision Work Program

## CDC Manual Update to the 5<sup>th</sup> Edition

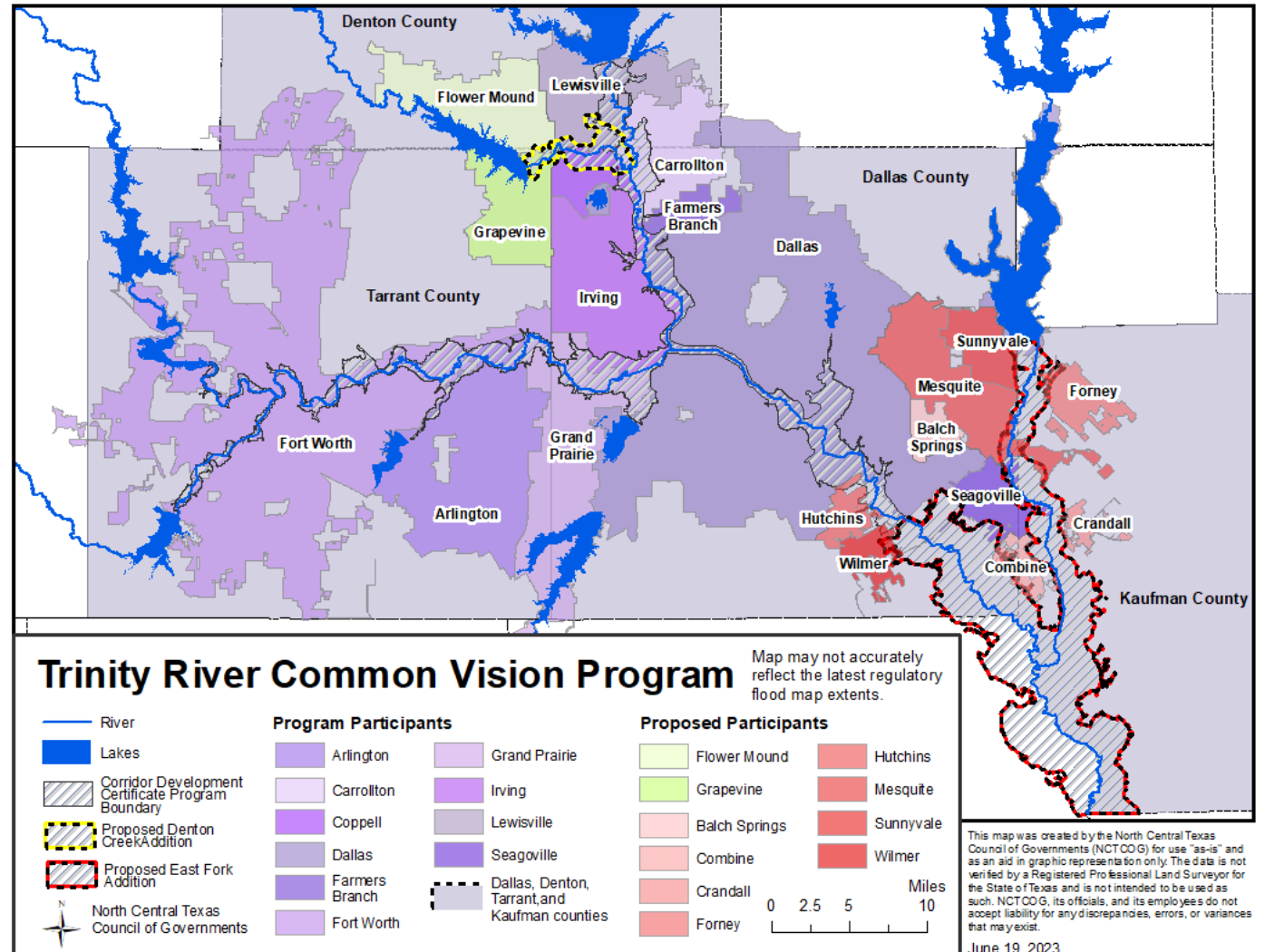
- ▶ NCTCOG and NFIP-CDC Model Consolidation Team working to consolidate the draft documents into the manual.
- ▶ Next Steps
  - ▶ Provide the complete revised manual to FMTF for review
  - ▶ Address any comments and finalize the updated manual

# East Fork/Denton Creek Update

# FY2025 Trinity River Common Vision Work Program

## East Fork/Denton Creek Update

- USACE and NCTCOG are working with the City of Weatherford to conduct a pilot study to explore expanding the CDC program.
- NCTCOG will host a meeting for prospective participants in FY2025. Currently collecting contacts for outstanding East Fork communities.



# FY2025 Trinity River Common Vision Work Program

## East Fork/Denton Creek Update

### Tasks

- Identify key topics, target audience requirements, and training gaps
- Develop a training curriculum including an instructional recording
- Create instructional materials such as presentations and reference guides
- Coordinate with subject matter experts and speakers
- Develop a timeline, training schedule, and agenda
- Provide training materials to be disseminated and posted online
- Coordination with NCTCOG regarding training room, training materials
- Facilitate the training event at NCTCOG Facilities and Q&A sessions for participants

### Deliverables

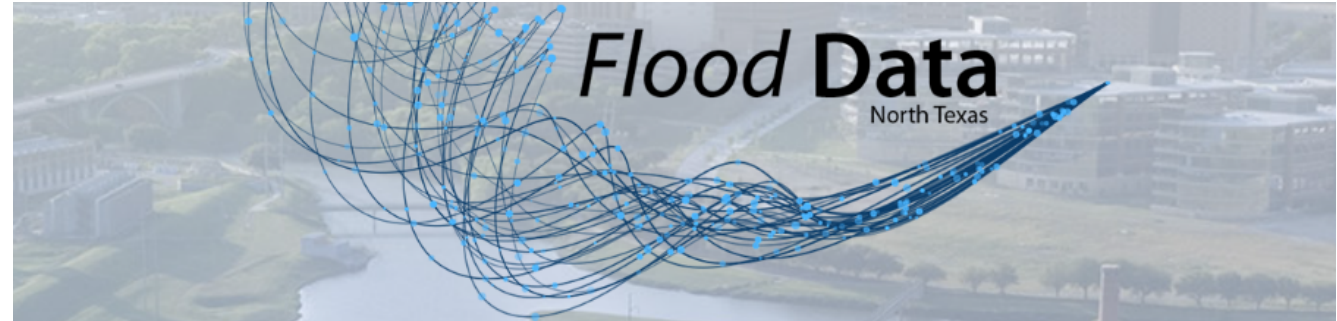
- CDC workshop training curriculum
- Workshop training materials (presentations, handouts, exercises)
- Training agenda and schedule
- Facilitation of a training session at NCTCOG facilities
- Post-workshop report and recommendations

# **Update on Flood Warning Systems and Website Updates**

# FY2025 Trinity River Common Vision Work Program

## Flood Warning Software System and Hardware Update

- The [FloodDataNTX](#) website is almost ready for its relaunch!
- The website will now have information about each vendor.
- Each vendors will now give a presentation of their products.



Flood Data North Texas is a Regional Flood Warning Software Platform that provides a comprehensive look at rainfall and water levels across the North Texas region through a connected network of flood gauges made possible through partnerships with local municipalities and agencies.



### HydroLynx

HydroLynx Systems, Inc. manufactures real-time data telemetry systems. HydroLynx systems provide customers with accurate and timely hydrological data, allowing customers to make decisions that protect lives and property in their communities. Building on the many years of experience as leaders in the ALERT and IFLOWS flood warning systems industry, HydroLynx's state-of-the-art equipment allows them to offer Supervisory Control And Data Acquisition (SCADA) systems among their extensive customer base which includes federal, state, and local government agencies, as well as many agencies in foreign countries.

[Visit HydroLynx](#)



### OneRain

OneRain, an AEM brand, provides advanced flood early warning management through the AEM Elements™ 360 application. Integrating diverse data sources – from rainfall sensors and stream gauges to gauge-adjusted radar rainfall (GARR) and inundation maps – the software serves as a command center for enhanced situational awareness. Customizable, interactive dashboards, maps, and graphs give agencies a clear view of evolving conditions for timely, informed responses. Automated alerts ensure critical information reaches teams precisely when needed. By streamlining data sharing and enhancing collaboration, AEM Elements 360 enables agencies to make faster, more effective flood risk management decisions.

[Visit OneRain](#)



### TriLynx

TriLynx utilizes NovaStar5, which is recognized as the industry leader for real-time hydrological data collection, management, and notification. TriLynx staff are experts at installing and supporting NovaStar5 and lead several organizations in the development of and use of water resources software tools. Along with the integration of ALERT/ALERT2 field equipment and telemetry systems, TriLynx will continue to lead WET parallel to TriLynx. TriLynx continues to reach out to existing clients to collect feedback on the NovaStar5 product, to continue providing excellent client service and enhance current and future products.

[Visit TriLynx](#)

# FY25 Legislative Updates

# FY2025 Trinity River Common Vision Work Program

## Legislative Updates – Bills introduced as of 2/16/2025

### ► Water-Related

[HB 310](#) – Use of money transferred from the Texas water fund.

[HB 365](#) – Authority of the TWDB to provide financial assistance.

[HB 422](#) – Issuance of bonds by the TWDB for the development.

[HB 1177](#) – Creation of the criminal offense of diverting/impounding the flow of surface water.

[HB 1344](#) – Prioritization of requests for financial assistance from certain funds.

[HB1400](#) – Creation of the groundwater science, research, and innovation fund.

[HB 2015](#) – Consideration of water conservation by the TCEQ when determining whether to grant or deny the creation of a municipal utility district.

[HB 2346](#) – Adoption of a water conservation program by a county.

[HJR 129](#) – Constitutional amendment requiring the board members of the TWDB to be elected by the qualified voters.

[SB 480](#) – Authority of a local government to enter into an interlocal contract to participate in water research or planning activities.

[SB 526](#) – The use of green stormwater infrastructure in new state buildings.

[SB 1226](#) – Creation of certain regional conservation and reclamation districts.

### ► Development & Zoning Related

[HB 282](#) – The authority of certain counties and municipalities to regulate certain subdivisions in a municipality's extraterritorial jurisdiction.

[HB 1322](#) – Municipal approval of subdivision plans or plats in certain municipalities.

[HB 1742](#) – Protesting changes to municipal zoning regulations and boundaries.

[HB 2384](#) – County regulation of subdivisions and approval of subdivision plans or plats.

[SB 325](#) – County regulation of subdivisions and approval of subdivision plans or plats.

Is the Task Force  
interested in  
updates on water  
conservation?

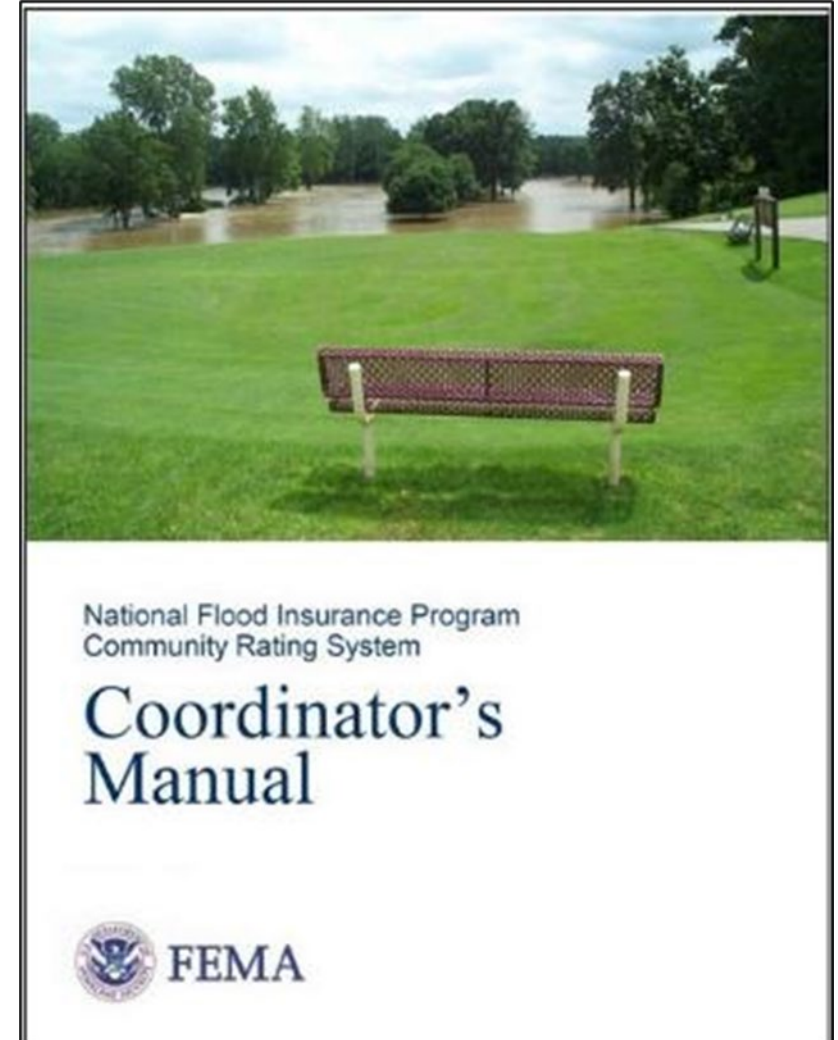


# Other Related Projects & Activities

# Other Program Related Efforts

## North Texas Floodplain Administrators/CRS Users Group

- ▶ L0278 NFIP CRS Course
  - ▶ Aug 11-14, 2025; 8 AM – 5 PM; NCTCOG offices
  - ▶ [Registration is open](#)
  - ▶ 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



# Other Program Related Efforts

## North Texas Floodplain Administrators/CRS Users Group

### ► CRS multi-jurisdictional Program for Public Information (PPI)

- CRS communities can receive bonus points on outreach projects and other CRS public information activities by participating in a PPI
- NCTCOG could facilitate a multi-jurisdictional PPI through the North Central Texas CRS Users Group
- Restructure and formalize the CRS Users Group to meet the 7-step PPI planning process

PPI Worksheet						
Priority Audience	Message	Outcome	Project(s)	Assignment	Schedule	Stakeholder
Priority Audience 1: Coastal floodplain residents	Topic 1 message: Find out about your flood hazard	Increase in the number of map information inquiries	320 map info service to include info on flood depths, wave heights, and past floods (320)	Floodplain manager	Start as soon as staff has the maps	
			OP 3. Presentations to five neighborhood associations	Floodplain manager	Set up the five presentations by January 31	Neighborhood associations
			OP 4. Cable TV to show the neighborhood association presentation	Floodplain manager and public information officer	Tape the first two presentations and use the best scenes	Neighborhood associations, cable TV company
			OP 5. Mailing sent each year to residents of the SFHA	Floodplain manager and public information officer	Disseminate in May, before hurricane season	
			Increase in number of webpage hits	New website page will show flood depths and LAMWA boundary (300)	Floodplain manager and webmaster	Have on line by May 1 start of hurricane season
		Increase in the number of people getting tech assistance	Floodplain manager to explain depths, waves, and past floods when providing assistance (300)	Floodplain manager	Start as soon as staff has the maps	
			OP 1. FEMA brochure on flood insurance	Floodplain manager	Printed and displayed by Feb. 28	FEMA

### Developing a Program for Public Information

for Credit under the  
Community Rating System  
of the  
National Flood Insurance Program



2021

# Other Program Related Efforts

## North Texas Floodplain Administrators/CRS Users Group

### ► PPI Steps:

1. Establish a committee for public information
2. Assess the community's public information needs
3. Formulate messages
4. Identify outreach projects to convey the messages
5. Examine other public information initiatives
6. Prepare and adopt the public information program document
7. Implement, monitor, and evaluate the program

► Multi-jurisdictional PPI example: [Hillsborough County, Florida](#)

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2021

# Other Program Related Efforts

## North Texas Floodplain Administrators/CRS Users Group

### Next steps:

- Determine if interest among North Central Texas CRS communities
- Set up an informational meeting with state ISO/CRS Specialist, Stephanie Weeks, to talk through details
- Add CRS to Trinity COMMON VISION Work Program?
- Contact Erin Blackman at [Eblackman@nctcog.org](mailto:Eblackman@nctcog.org) or (817) 608-2360

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2021

# Other Program Related Efforts

## Integrated Transportation & Stormwater Infrastructure (TSI) Project

- 3 Rounds of meetings with stakeholders in the study area
- 7 Technical Advisory Group meetings
- 6 Steering Committee meetings
- 3 Workshops conducted
  - Water Rights & Green Stormwater Infrastructure
  - E&D Flooding, Stormwater, & Water Quality Programs
  - Green Asset Management Workshop
- 10 Visits to observe challenges faced by communities
  - Equity Engagement Plan written (FEMA)
  - Stakeholder Engagement Plan written
  - Literature review being updated to include North Study Area
  - 1D H&H Pilot Study completed
  - H&H SOPs drafted
  - H&H consultant work launched – West and North
  - Optimization Study underway
  - Stacking Model underway





# Other Program Related Efforts

## Integrated Transportation & Stormwater Infrastructure (TSI) Project



- ▶ NCTCOG is planning two additional workshops for the TSI Study:
  - ▶ County Floodplain & Stormwater Roundtable
    - ▶ NCTCOG will host County floodplain and legal staff to discuss what enforcement powers counties has.
    - ▶ Date: Friday, May 30<sup>th</sup>
    - ▶ Time: 1:00 PM – 4:00 PM
    - ▶ Location: NCTCOG Offices, Transportation Council Room
- ▶ More details will be sent out once the workshops have been scheduled.

# Other Program Related Efforts

## Integrated Transportation & Stormwater Infrastructure (TSI) Project

### County Floodplain and Stormwater Roundtable Agenda

- ▶ Introduction to the TSI Study and Goals
- ▶ Importance of the County Watershed & Stormwater Management
  - ▶ *Synergies Between TSI and SWMP*
  - ▶ *County Enforcement of Texas Water Code*
  - ▶ *Legislation and Tools for Counties*
- ▶ Recommendations for County Watershed and Stormwater Management
- ▶ Counties to Adopt Recommended Standards Discussion
- ▶ Next Steps





# Other Program Related Efforts

## Integrated Stormwater Management (iSWM)

- **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



### FY25 Deliverables

1. Project Management and Support Services
2. iSWM Implementation Guidance for Communities in Region
3. iSWM Promotional Presentations for Partnering Organizations
4. Stormwater Quality Monitoring Program Development for Existing iSWM BMPs
5. Develop Technical Case Studies
6. Website Updates
7. Guidance or Training on Temporary Sediment Basins
8. Guidance on Pipe Utility Crossings
9. Expanded Use of Trees in Detention Ponds

# Other Program Related Efforts

## Corridor Development Certificate Applications

Progress Since Last FMTF Meeting (as of 8/15/24): Currently making updates to the website.

### New CDC Applications

- IRV 101724-1
- FW 021225-1

### Permits Issued

- N/A

### Technical Review Under Process

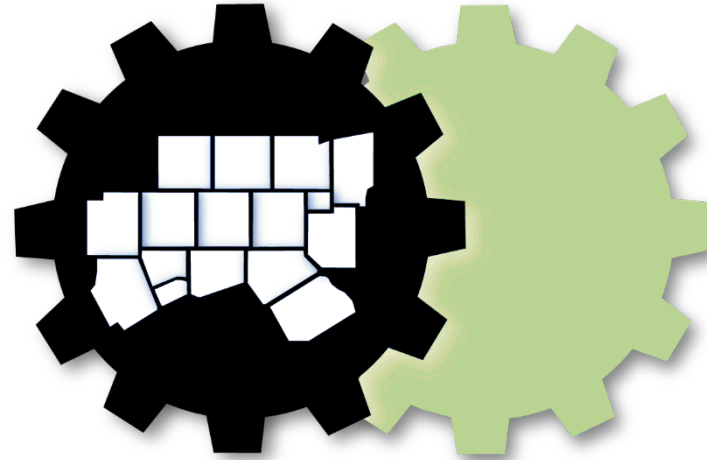
- DAL 12202024-1
- FW 012225-1

### Exemptions

- N/A

**During the Roundtable, please share any new CDC applications you anticipate being submitted soon.**

# Other Business and Roundtable Discussion



# ROUNDTABLE

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# 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

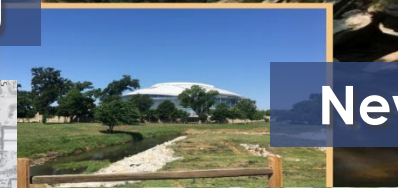
Special Development



PRACTICAL CREEK CARE:  
A HANDBOOK FOR STEWARDSHIP

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)

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Environment & Development Planner

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# Next FMTF Meeting

**May 16, 2025**

9:30 AM

616 Six Flags Dr

Regional Forum Room  
Arlington, TX 76011

# Contact

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# Connect



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