

Flood Management Task Force

August 18, 2023

Welcome and Introductions

- ▶ Thanks for attending!
- ▶ Please introduce yourself in the chat box.
- ▶ Please mute your line.
- ▶ Unmute your line when you would like to speak.
 - ▶ We will also watch the [chat](#) box for questions

Agenda

1. Welcome and introductions.
2. Meeting Summary.
3. FY 2023 Trinity River COMMON VISION Work Program Activities Discussion.
4. Other Program Related Efforts
5. Roundtable Topics/Other Business.
6. Schedule for the Next Meeting.
7. Adjournment.

Meeting Summary Approval

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

Work Program Projects & Activities

NFIP/CDC Model Consolidation and Extension Efforts

FY2023 Trinity River Common Vision Work Program

NFIP-CDC Model Consolidation and Extension Efforts

The USACE funded two ongoing studies related to CDC model consolidation.

1. Updating the newly georeferenced CDC model with future flows and approved but not yet constructed CDC project geometries from 2017 onward.

- ▶ USACE and FEMA worked to update their respective models and posted consolidated NFIP-CDC model to the Trinity River CDC website.
- ▶ Culmination of a collaborative effort to generate a first-ever consolidated NFIP/CDC model.
- ▶ Aligns with NFIP/CDC manual updates and incorporates FMTF review & feedback.

FY2023 Trinity River Common Vision Work Program

NFIP-CDC Model Consolidation and Extension Efforts

2. Creating CDC future flows for the FEMA model on the East Fork Trinity and the Trinity Mainstem to extend the consolidated NFIP-CDC model.

- ▶ Incorporated NCTCOG guidance on future land use data to inform hydrologic modeling. After developing flows, will complete hydraulic model for this area.
- ▶ Anticipate sharing with FMTF for review in 2024, continued funding permitting.
- ▶ Consolidated NFIP-CDC model was approved at the May FMTF meeting and posted to www.TrinityRiverCDC.com.

Thank you to our partners for this collaborative effort to generate a first-ever consolidated NFIP/CDC model



FY2023 Trinity River Common Vision Work Program

Floodplain Development when NFIP-CDC Model isn't Available

- ▶ **Discussion Context:** We're receiving questions about how to manage floodplain development in communities that join CDC/COMMON VISION but do not yet have an approved NFIP-CDC Model.
 - ▶ Want to ensure we provide consistent guidance
 - ▶ Example scenario is Seagoville:
 - ▶ They've joined COMMON VISION but a Consolidated NFIP-CDC model is not yet available (only NFIP Prelim/Effective models are available).
 - ▶ Will include this guidance in forthcoming 5th Edition of the CDC manual.
- ▶ One separate but related discussion topic is the future process for extending these models, particularly for communities that aren't directly located on the Trinity or one of its primary tributaries.

Contact

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Water Resources Branch

U.S. Army Corps of Engineers

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CDC Manual Update to the 5th Edition

FY2021 Trinity River Common Vision Work Program

CDC Manual Update to the 5th Edition

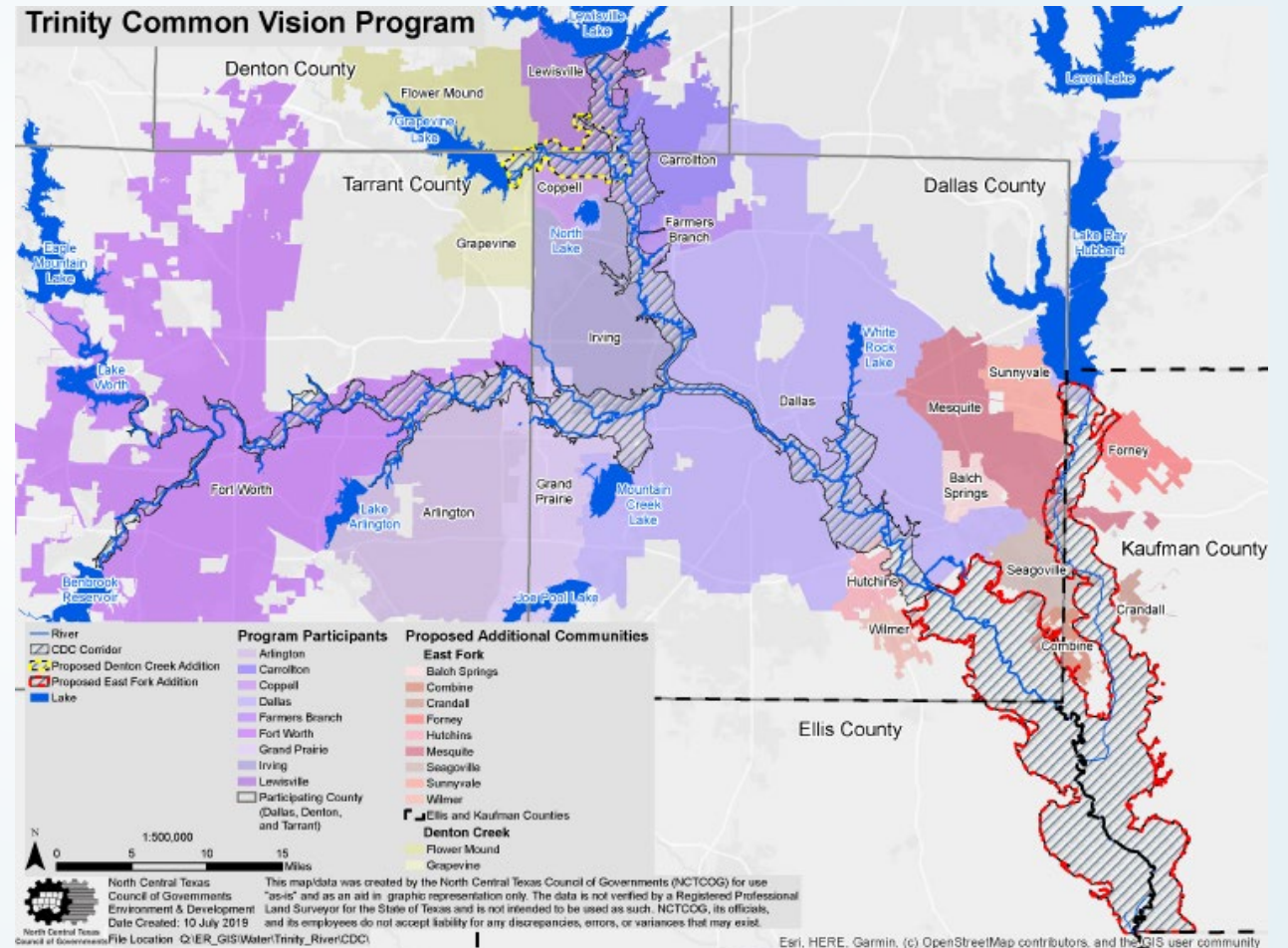
- ▶ NCTCOG and NFIP-CDC Model Consolidation Team working to compile into a draft of entire manual document.
- ▶ Next Steps
 - ▶ Provide the complete revised manual to FMTF for review
 - ▶ Address any comments and finalize the updated manual
- ▶ The Team will meet as needed to discuss final draft of manual and comments received
- ▶ Working to have revised CDC Manual completed before next FMTF meeting.
- ▶ Team members will present at the Elected Officials Floodplain Seminar / CRS User Group meeting to be held on October 19th
- ▶ Find us at the TFMA Technical Summit in Denton this September to ask questions!

East Fork/Denton Creek Update

FY2023 Trinity River Common Vision Work Program

East Fork/Denton Creek Update

- NCTCOG staff promoted the COMMON VISION Program at four subarea meetings in the TSI Study Area. Generated interested with Denton Creek communities
- Ellis County has expressed interest in joining the COMMON VISION Program
- City of Mesquite attorneys currently reviewing documents; will take the item to City Council for approval
- Meeting held to discuss expanding COMMON VISION to Weatherford



Trinity River COMMON VISION Work Program Discussion

FY2024 Trinity River Common Vision Work Program

Draft Work Program Discussion

A link to the Draft FY24 Work Program is [here](#).

Continuation of existing Ongoing Support Activities and Technical Activities

- ▶ Ongoing Trinity River COMMON VISION Information and Task Force Committee Support
- ▶ Ongoing CDC Process and mapping support
- ▶ Continued FEMA's NFIP training courses
- ▶ Ongoing effort to explore partnership and outreach opportunities
- ▶ Continued exploration of regional cooperative detention/retention strategies
- ▶ **Administrative Coordination for Regional Flood Warning Software Program Contract**
- ▶ Maintenance of the CDC Application and Tracking Website
- ▶ Participation in the Trinity Regional Flood Planning Group

FY2024 Trinity River Common Vision Work Program

Draft Work Program Discussion

A link to the Draft FY24 Work Program is [here](#).

Additional technical activities

- ▶ Participation in the Model Consolidation Committee will continue into FY24
- ▶ Updating the CDC Manual to the 5th Edition will continue into FY24
- ▶ Continuing East Fork Trinity and Denton Creek integration
- ▶ **Updating communities' acreage in floodplain (FIRM)**

No change anticipated in cost shares

FY2024 Trinity River Common Vision Work Program

Current FMTF Roster

City of Arlington	Amy Cannon, Lee Jeffrey
City of Carrollton	Matthew Brennan, Jon Bunner
City of Coppell	TBD
City of Dallas	Kim Dewailly, Steve Parker, Tam Vu
City of Farmers Branch	Marc Bentley
City of Fort Worth	Lisa Biggs, Ben Thompson
City of Grand Prairie	Ryan Harrell, Barry Fulfer
City of Irving	Garry Fennell
City of Lewisville	Jeff Kelly
City of Seagoville	Mamata Bhandari
Dallas County	Lissa Shepard, Noe Villarreal
Denton County	Stephen Belknap
Kaufman County	Garrett Moore
Tarrant County	Joseph Jackson
Tarrant Regional Water District	Zach Huff, Rachel Ickert, Craig Ottman
Trinity River Authority	Glenn Clingenpeel, Webster Mangham

FY2024 Trinity River Common Vision Work Program

Current Steering Committee Roster

City of Arlington	Jim Ross, Mayor
City of Carrollton	Steve Babick, Mayor
City of Coppell	Wes Mays, Mayor
City of Dallas	Cara Mendelsohn, Councilmember
City of Farmers Branch	Robert Dye, Mayor
City of Fort Worth	Dr. Jared Williams, Councilmember
City of Grand Prairie	Jorja Clemson, Councilmember
City of Irving	Rick Stopfer, Mayor
City of Lewisville	TJ Gilmore, Mayor
City of Seagoville	Dennis Childress, Mayor
Dallas County	John Wiley Price, County Commissioner
Denton County	Bobbie Mitchell, County Commissioner
Kaufman County	Ken Cates, County Commissioner
Tarrant County	B. Glen Whitley, County Judge
Tarrant Regional Water District	Mary Kelleher, Board Member
Trinity River Authority	Edward Cary Williams III, Board Member

FY2024 Trinity River Common Vision Work Program

Flood Warning System

NCTCOG is releasing an RFP for Early Warning Flood Management Software, Hardware and Related Services through the NCTCOG TXShare Program.

- ▶ Proposal Item #1: Provide *Early Warning Flood Software and Training Services*
- ▶ Proposal Item #2: Provide *Flood Monitoring Hardware and Hardware Maintenance Services*
- ▶ Proposal Item #3: Provide *Additional Related Services*

Timeline

- ▶ RFP Issued - July 25, 2023
- ▶ Inquiry Period Ends – August 22, 2023
- ▶ Proposal Due Date – August 29, 2023
- ▶ Executive Board Meeting – September 28, 2023
- ▶ Anticipated Start Date – November 2023

NCTCOG will need volunteers from the Flood Management Task Force for the Scoring Committee.

Other Related Projects & Activities

Other Program Related Efforts

28th Annual FEMA L-273 Four-Day Course

- ▶ The Annual L-273 Course for floodplain managers, hosted by FEMA and NCTCOG, will return for the 28th year! This year, the exam will be digital and will be limited to 40 spaces.
- ▶ This four-day course will be held this **December 4-7, 2023**, at NCTCOG's offices in Arlington.
 - ▶ Registration details coming soon. Spots will be limited. FMTF members will have 2 weeks prior to the opening of registration to sign up.
- ▶ TFMA Certified Floodplain Manager (CFM) exam to be held on **Friday, December 8, 2023**, following the four-day course.

Questions? Contact Jai-W Hayes-Jackson at jhayes-jackson@nctcog.org or (817) 695-9148.

USACE - TRINITY OPERATIONS STUDY



PURPOSE AND SCOPE

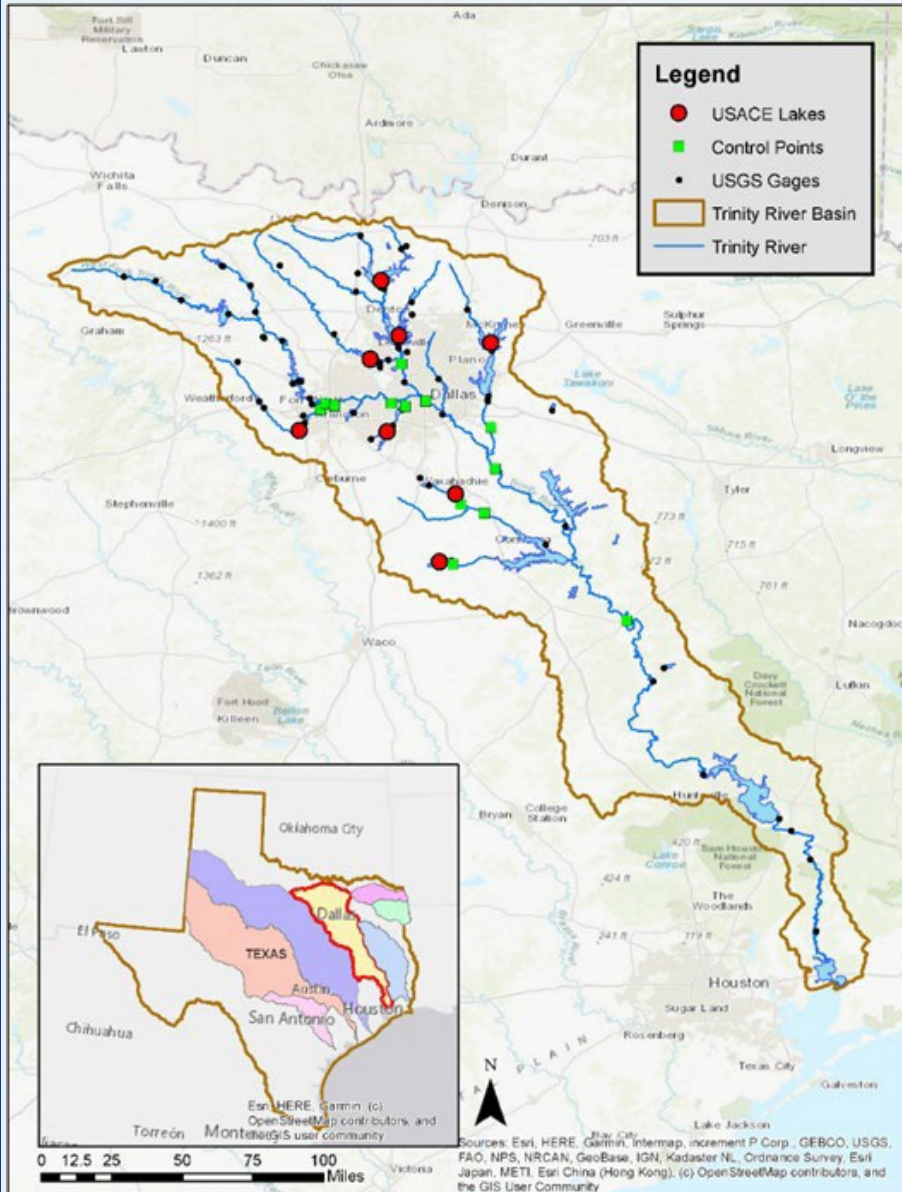
- Ground up approach to identify flexible USACE reservoir operation plans to better serve the reservoir's authorized purposes and stakeholders.
- Several phases including an Outreach and Planning Phase, Modeling and Analysis Phase(s), and Water Control Manual codification.
- The goal of the project will be to understand system weaknesses and maximize flood damage reduction and water supply benefits by re-evaluating the Reservoir Operation Plans stated in the Water Control Manuals.

Current Stakeholder Study Partners

- City of Dallas
- City of Denton
- City of Grapevine
- Dallas County Park Cities MUD
- NCTCOG
- North Texas Municipal Water District
- Tarrant Regional Water District
- Trinity River Authority
- Upper Trinity Regional Water District
- Looking for more!
- Contact USACE

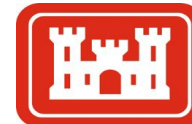
Scope of Work

- SOW still under development. Possible tasks that are under consideration include:
 - Control Point Flow Investigation
 - Seasonal Rule Curve Analysis
 - Environmental Low Flow Analysis
 - FIRO Analysis/Water Supply Resiliency



SCHEDULE & BUDGET

- Fall 2023 – Fall 2026
- \$400,000



Maxwell Strickler, P.H., CFM

US Army Corps of Engineers

Lead Civil Engineer
Water Management Section
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U.S. Army Corps of Engineers
Fort Worth District (SWF)
819 Taylor Street
Fort Worth, TX 76102

Other Program Related Efforts

North Texas Floodplain Administrators/CRS Users Group

- ▶ **Combined Elected Officials Floodplain Seminar & Community Rating System Users Group Meeting:**
 - ▶ October 19th, 9:30 – 11:30 AM
 - ▶ NCTCOG Offices, Transportation Council Room
 - ▶ Agenda is pending
 - ▶ 2 CECs for CFMs
- ▶ **For questions about the CRS Users Group, or to suggest future meeting topics, please contact Erin Blackman at Eblackman@nctcog.org or (817) 608-2360.**
- ▶ Keep up with NCTCOG E&D meetings and events here: <https://nctcog.org/envir/events>

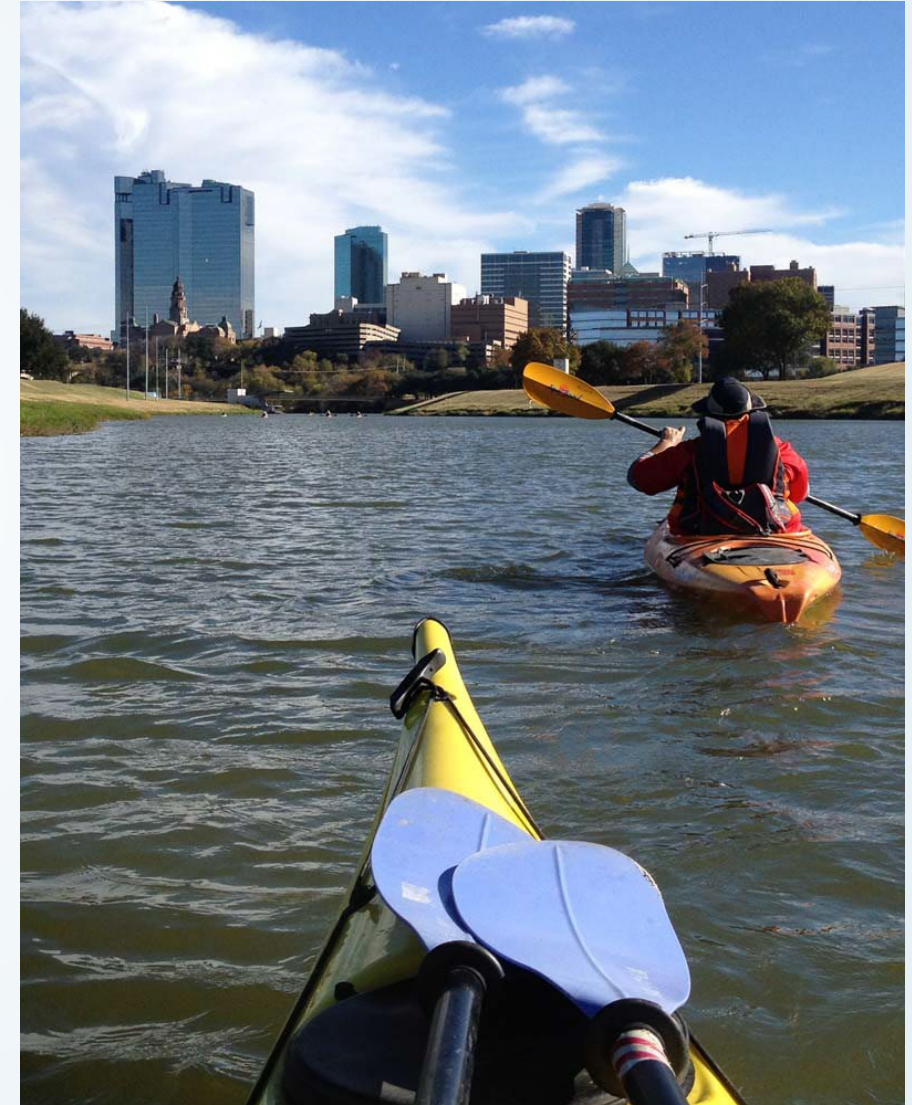
Other Program Related Efforts

Trinity River National Water Trail Task Force



The next Task Force meeting is planned for August 29, 2023 via Microsoft Teams.

- ▶ Trinity River National Water Trail Master Plan Update
 - ▶ Tarrant Regional Water District River Plan
 - ▶ Update on DFW Discovery Trail
 - ▶ Update on Panther Island Paddle Sports
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- ▶ For more information, please contact Erin Blackman at Eblackman@nctcog.org or (817) 608-2360.



Other Program Related Efforts

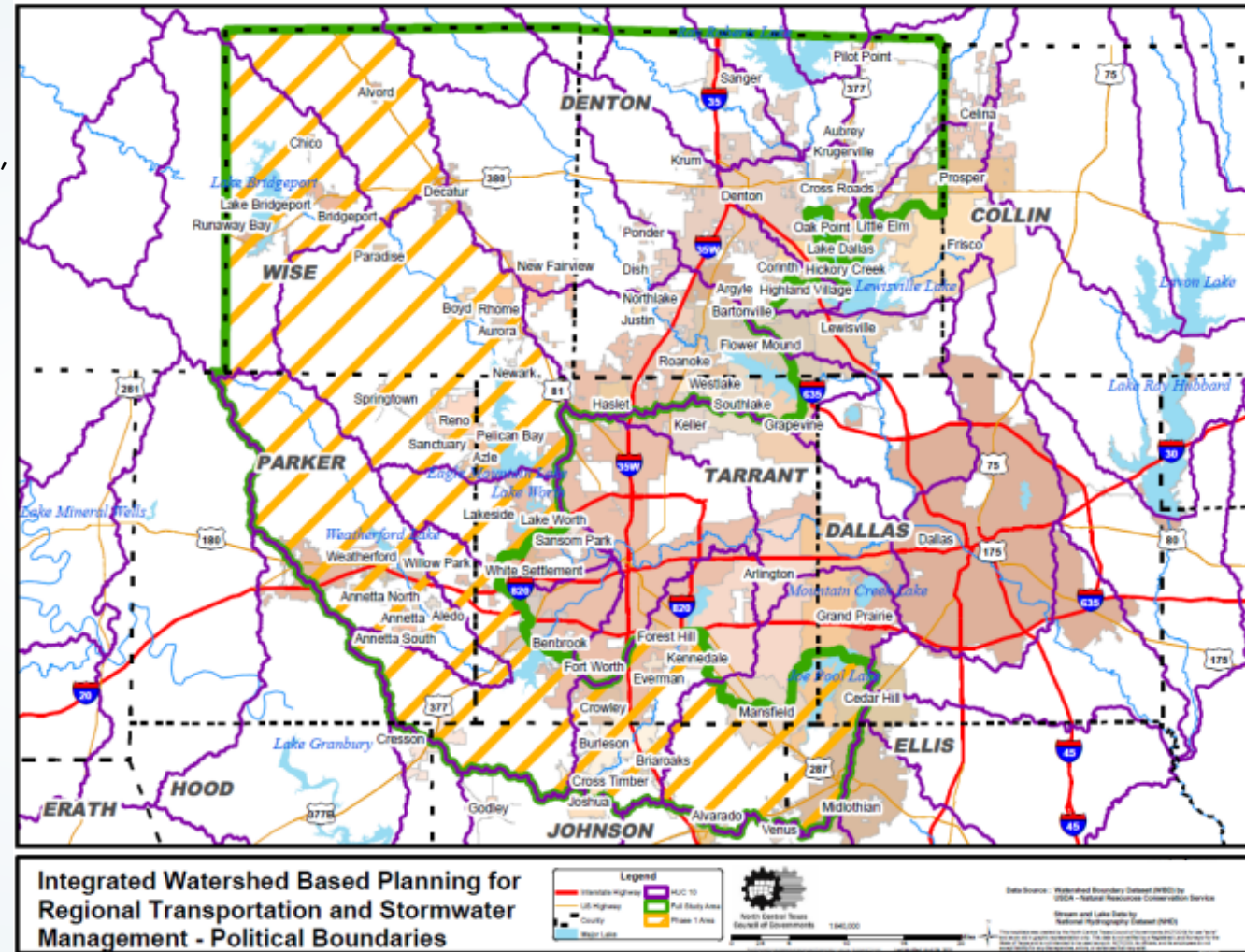
Efforts Toward Integrated Transportation & Stormwater Planning

What is the TSI project?

- Integration of regional stormwater management, urban development, transportation, and environmental planning: a collaborative effort with regional Transportation planners

Project Updates

- Staff held a webinar of NCTCOG's programs related to floodplain management, stormwater, and water quality on June 21st.
- Technical Advisory Group Meeting met July 12.
- Held steering committee July 27.
- Presenting at StormCon 2023 in Dallas August 31.
- H&H Pilot Study for Bridgeport and Mary's Creek.



Project Website: <https://www.nctcog.org/envir/watershed-management/upper-trinity-river-transportation-and-stormwater>

Other Program Related Efforts

Cooperating Technical Partnership (CTP) Program

FY20 Flood Risk Mapping Projects (As of 07/23)

- ▶ **Catherine Branch (Denton County) – 86% Complete**
 - Mapping and Regulatory products underway
 - Flood Risk Resilience meeting expected in September

FY21 Flood Risk Mapping Projects (As of 07/23)

- ▶ **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.



Other Program Related Efforts

integrated Stormwater Management (iSWM)

Integrated Stormwater Management (iSWM) Subcommittee

- ▶ The iSWM program is currently focused on our FY23 & FY24 Work Program Tasks, which are available online.
- ▶ Upcoming project deliverables include:
 - ▶ Training on development submittal and review process relating to iSWM
 - ▶ Community panel on iSWM implementation (requesting additional communities to participate)
 - ▶ iSWM Manual Revisions
 - ▶ SWPPP Training updates from 2023 Construction General Permit
- ▶ Next Meeting: October 18, 2023, at 1:30 pm via Microsoft Teams. More information available online.
- ▶ StormCon, August 2023, in Dallas, TX
 - ▶ NCTCOG, Half Associates, Inc., & City of Dallas will be presenting on the iSWM Program & Non-Compliance in construction & post-construction
- ▶ **Please contact Casey Cannon at ccannon@nctcog.org or (817) 608-2323**

Corridor Development Certificate Applications

Progress Since Last FMTF Meeting (as of 8/17/23): Currently making updates to the website.

New CDC Applications

- CAR 080723-1
- GP 080423-1

Final Action Forms

- N/A

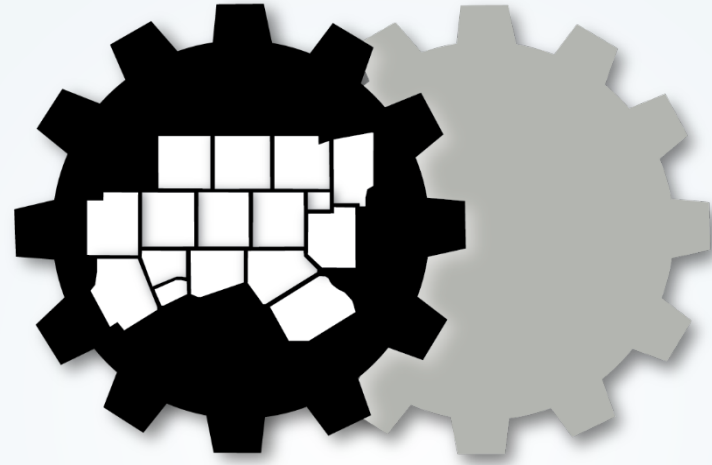
Technical Review Under Process

- GP062623-1
- FW 041423-1

Exemptions

- ARL 061423-01
- IRV 053123-01
- FW 031623-1

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



ROUNDTABLE

Next FMTF Meeting Date

Friday, November 17, 2023

9:30 AM

Meeting Format is TBD.

Contact

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