

Fiscal Year 2027
NCTCOG REGIONAL WORK PROGRAM

The Trinity River COMMON VISION Program

INTRODUCTION: The Trinity River COMMON VISION Program continues to focus on the goals outlined in the Regional Policy Position on Trinity River Corridor – 1989 and the commitment expressed in Interlocal Agreements among the participating communities. Toward the continued goal of maintaining this important cooperative program among the COMMON VISION communities, NCTCOG is proposing a work program of the following ongoing support and technical components.

SUMMARY OF FY 2027 PROGRAM ELEMENTS

I. Ongoing Support Activities

- A. Ongoing Trinity River COMMON VISION Information and Flood Management Task Force (FMTF) Committee Support.** Continued service and support of the Trinity River Program committees, the COMMON VISION Steering Committee and the Flood Management Task Force (FMTF), as well as distribution of important general Trinity River Corridor information to the public and regional delegates at the State and Federal levels.
- B. Ongoing Corridor Development Certificate (CDC) Process and ~~mapping~~-Tracking Platform Support.** Administrative support of the CDC process, technical/procedural assistance to local government participants, coordination with ~~US~~-U.S. Army Corps of Engineers (USACE) staff and addressing inquiries from interested individuals. NCTCOG staff will also maintain the CDC website and associated application and tracking platforms and identify process improvements and functionality updates as needed.
- C. Continued Sponsorship of FEMA NFIP Training Courses.** Continuation of the long-running partnership with the Federal Emergency Management Agency (FEMA) Region 6 and the Texas Water Development Board for important training opportunities to be offered ~~in the region~~ for the benefit of the Flood Management Task ForceFMTF and ~~other~~ floodplain management officials. ~~The very popular “Managing Floodplain Development through the National Flood Insurance Program (NFIP)” course will be offered, marking the 30th year that this four-day class will be offered at NCTCOG.~~ NCTCOG staff will work with FEMA to offer the “Managing Floodplain Development through the National Flood Insurance Program (NFIP) course, and other additional courses as needed. ~~NCTCOG will also continue partnering with the Texas Floodplain Management Association (TFMA) to host CFM Exams throughout the year.~~
- D. Coordination for Flood Science Training.** NCTCOG will continue to offer relevant training to the region’s floodplain professionals. NCTCOG is partnering with ~~the~~ USACE to offer training regarding flood science. The USACE Hydrologic Engineering Center supports water resources management responsibilities with research, training, planning analysis, and technical assistance. NCTCOG will work with USACE to promote the use of free online trainings offered by USACE that includes, but is not limited to, 1D/2D modeling, HEC-RAS, HEC-HMS, and other flood science software. USACE will develop training for city staff, developers, and engineers regarding the CDC process, including technical evaluation of

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proposed projects, the review process, common technical issues, and the use of the consolidated model.

- E. Ongoing Effort to Explore Partnership and Outreach Opportunities.** Continued efforts to partner with agencies including the USACE Fort Worth District (~~USACE-FWD~~), FEMA, TWDB, TCEQ, USGS, NRCS, and TFMA for traditional projects or educational opportunities.
- F. Continued Exploration of Regional Cooperative Detention/Retention Strategies.** Discussion and investigation of potential strategies will continue in key critical watersheds and segments throughout the Trinity Basin. Continue to research and collect information on existing management approaches in those areas.
- G. Administrative Coordination for Regional Flood Warning Software Program Contract.** NCTCOG staff will distribute information and market the TXShare regional master contracts for common early flood warning detection software, work with vendors to display USGS/other gauges, and maintain open lines of communication between NCTCOG, FMTF, and both current and prospective contract users to ensure that software functionality continuously evolves with changing technology and needs.
- ~~**H. Maintenance of the GDC Application and Tracking Website.** NCTCOG staff will maintain the GDC website and identify process improvements as needed.~~
- I.H. Participation in the Trinity Regional Flood Planning Group.** NCTCOG was selected for one of three non-voting mandatory seats for councils of government on the Trinity Regional Flood Planning Group (RFPG). NCTCOG will advocate for common planning needs and inclusive outreach methods and update COMMON VISION members on RFPG developments.
- J.I. Monitor Adopted Legislation.** NCTCOG staff will identify relevant legislation for the COMMON VISION Steering Committee and Flood Management Task Force that was adopted following the Texas 89th Legislature.
- K.J. Support Participation in the FEMA Community Rating System (CRS).** NCTCOG will facilitate a CRS Users Group for exchange of best practices related to communities' participation in CRS. This may include supporting a multi-jurisdictional Program for Public Information. This program could make CRS communities eligible for bonus points on outreach projects and other CRS public information activities.

II. Additional Technical Activities for FY 2027

- ~~**A. Participation in the Model Consolidation Committee.** A committee of regional partners and communities completed a series of meetings resulting in a memorandum in FY 2020 to ensure a smooth transition for the use of the consolidated model. In May 2023, the first ever consolidated model was approved by the Flood Management Task Force. In October 2024, work by the USACE to develop East Fork of the Trinity River (East Fork) future flows and hydraulic modeling was completed. Currently, there is not a timeline or funding mechanism~~

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~~to incorporate East Fork modeling into the consolidated model. The USACE Floodplain Management Services (FPMS) program is a potential source of funding to incorporate the East Fork modeling into the consolidated model. The FEMA preliminary studies on the Trinity River main stem and the East Fork are scheduled to go effective in the future. NCTCOG will continue to have a representative on this committee to attend all meetings, inform the FMTF of committee activities, coordinate with FMTF communities, and conduct administrative coordination activities to establish this new process. These activities will also include coordination with the USACE related to technical work.~~

B.A. Complete Update of the 5th Edition of the CDC Manual to the 5th Edition. The Model Consolidation Committee began work to update the CDC Manual to the 5th edition during FY21 to capture changes and improvements to the CDC process. ~~These efforts will continue into FY 2027, with prioritization on completing the remaining revisions, additions, and reformatting necessary for finalization. The Model Consolidation Committee will continue this process into FY 2026.~~ Print and electronic media will be created to assist members with summaries of the changes to CDC processes.

B.B. Online Mapping Tool Maintenance. ~~NCTCOG staff will continue development and maintenance of the online CDC Mapping Tool for use by communities and applicants navigating the CDC Process. Functionality, features, and associated datasets will be maintained and refined to support user-friendly capabilities and overall accessibility.~~

B.C. East Fork and Denton Creek Integration. NCTCOG staff will continue their efforts to integrate communities along the East Fork, from Forney Dam (Lake Ray Hubbard) to the confluence with the Trinity River, as well as the extension of the Trinity River main stem into the COMMON VISION Program, and coordinate with the USACE ~~and FEMA~~ as the consolidated model is completed. NCTCOG staff will also conduct outreach to the communities along Denton Creek to integrate them into the program. NCTCOG staff will work to obtain resolutions from each community, bring the adjustment for final approval to the FMTF, COMMON VISION Steering Committee, and NCTCOG Executive Board, and adjust the cost shares for the following fiscal years. NCTCOG staff will update the FMTF as progress is made. ~~For years beyond FY 2027, NCTCOG staff will develop a long-term COMMON VISION Communication Strategy to expand the footprint of the CDC area upstream of the current boundaries. This will coincide with the Transportation and Stormwater Infrastructure study, an effort between the NCTCOG Environment & Development and Transportation Departments with the USACE as a technical partner. This initiative will combine stormwater and transportation planning and provide data, tools, and analysis for modeling, emergency response, emergency preparedness, planning infrastructure and neighborhoods, and regulating the floodplain.~~

D. Expand the CDC Program within the TSI Study Area. NCTCOG staff will develop a long-term ~~COMMON VISION Communication Strategy to expand the footprint of the CDC area upstream of the current boundaries. This will coincide with the Transportation and Stormwater Infrastructure study, an effort between the NCTCOG Environment & Development and Transportation Departments with the USACE as a technical partner. This~~

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initiative will combine stormwater and transportation planning and provide data, tools, and analysis for modeling, emergency response, emergency preparedness, planning infrastructure and neighborhoods, and regulating the floodplain.

E. Update Communities' Acreage in Floodplain (FIRM). ~~NCTCOG will seek technical assistance to update the current acreage in the floodplain based on the FIRM Map for participating COMMON VISION members. Currently, each community's area within the Trinity River floodplain is based on the "Standard Project Flood 1995 Baseline to City Limits of Dallas" Analysis. Each year prior to issuing the invoice, NCTCOG will review the best available data from the FEMA Flood Insurance Rate Maps (FIRM) to update the acreages within the Trinity River floodplain for each city participating in the COMMON VISION Program. The updated acreages will be applied toward the member cities' cost-share formula. The change in the acreage in the floodplain will not affect the cost share for the next fiscal year.~~

F. Ensure Functionality of the Trinity River CDC Website (www.trinityrivercdc.com). NCTCOG has migrated the Trinity River CDC website into the NCTCOG domain. NCTCOG staff will consult with the Flood Management Task Force to make sure that necessary capabilities are maintained, and any ~~needed updates~~updates needed are taken into consideration.

G. Annual Summary Report. NCTCOG will summarize annual activities and present an annual report to the FMTF at the fourth quarterly meeting.

III. Cost Summary

Costs of services for these work program activities ~~equal as are estimated to be at~~ \$170,692.03 ~~and will~~ be cost-shared among active participants in the traditional manner. ~~The~~ USACE receives \$25,000 for their participation. NCTCOG's budget is \$145,692.03.

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Trinity River COMMON VISION Program Funding Shares FY 2027⁶

*Shares adjusted in FY23 from the “TRADITIONAL METHOD” approved by the
Trinity River Steering Committee on July 19, 2001*

Area in floodplain based on “SPF 1995 Baseline to City Limits of Dallas” Analysis

*Counties and Special District cost share is not determined by floodplain acreage

**Minimum cost share for participation is \$1,000.00. Communities with less than 870 acres have a \$1,000.00 cost share. Communities with greater than 1000 acres are subject to a cost share based on acreage.

| COST SHARES FOR CURRENT COMMON VISION PARTICIPANTS | | |
|---|--|----------------------------|
| Participant | Area in Floodplain (FIRM) (acres) | Cost Share (\$) |
| Arlington | 3,351 | \$5,802.78 |
| Carrollton | 5,941 | \$10,287.77 |
| Coppell | 1,490 | \$2,580.17 |
| Dallas | 25,787 | \$44,654.18 |
| Farmers Branch | 1,472 | \$2,549.00 |
| Fort Worth | 16,261 | \$28,158.44 |
| Grand Prairie | 8,498 | \$14,715.60 |
| Irving | 7,757 | \$13,432.44 |
| Lewisville | 3,072 | \$5,319.65 |
| Seagoville | 2,776 | \$3,192.00 |
| Dallas County* | | \$10,000.00 |
| Denton County* | | \$5,000.00 |
| Kaufman County* | | \$10,000.00 |
| Tarrant County* | | \$7,500.00 |
| TRWD* | | \$7,500.00 |
| TRA* | | N/A |
| Subtotal Current Program | 76,405 | \$170,692.03 |

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| COST SHARES FOR PROSPECTIVE COMMON VISION PARTICIPANTS | | |
|---|--|------------------------------|
| Participant | Area in Floodplain Preliminary FIRM (acres) | Cost Share** (\$) |
| EAST FORK | | |
| Balch Springs** | 0 | \$1,000.00 |
| Combine** | 850 | \$1,000.00 |
| Crandall** | 39 | \$1,000.00 |
| Forney** | 214 | \$1,000.00 |
| Hutchins** | 830 | \$1,000.00 |
| Mesquite** | 2,224 | \$2,558.00 |
| Sunnyvale** | 826 | \$1,000.00 |
| Wilmer** | 458 | \$1,000.00 |
| Ellis County* | | \$5,000.00 |
| DENTON CREEK | | |
| Flower Mound** | | \$1,000.00 |
| Grapevine** | | \$1,000.00 |
| | | |
| Subtotal Prospective Program | 5,441 | 16,558.00 |
| TOTAL: COMMON VISION PROGRAM | Need total - 5,44181,846 | \$187,250.03 |