



North Central Texas Council of Governments

SUMMARY

Flood Management Task Force

Friday, April 17, 2020

9:30 AM, Virtual Meeting via Webex

<https://nctcog-agency.webex.com/nctcog-agency/onstage/g.php?MTID=eec18d3db2c588bdb30dd28a18291d8e4>

Audio will come through computer speakers/microphone, or you can call in at:
(415) 655-0002, Access Code 661 150 866

1. **Welcome and introductions.**

The meeting began at 9:30 a.m. Attendees introduced themselves via the chat box.

DISCUSSION/PRESENTATION/ACTION ITEMS

2. **Meeting Summary.** The January 17, 2020, meeting summary is available online for review. Comments will be sought at the meeting. (Mia Brown)

The summary was approved as presented.

3. **FY 2020 Trinity River COMMON VISION Work Program Activities Discussion.**
NCTCOG staff will update the FMTF on FY 2020 Work Program activities. (Mia Brown)

- a. **NFIP and CDC Model Consolidation Team.** NCTCOG staff will update the FMTF on scopes of work and timelines submitted by the USACE related to:
 - i. Updating the newly georeferenced CDC model with approved but not yet constructed CDC project geometries from 2017 onward and future flows.
 - ii. Creating the CDC future flows for the FEMA detailed study on the East Fork Trinity and the Trinity mainstem to extend the consolidated model.

Mia Brown gave a review of the email notifications sent to Common Vision members with the two scopes and one-time costs to communities that were calculated using the same method as annual cost shares. She emphasized that NCTCOG has requested Planning Assistance to States (PAS) and Floodplain Management Services (FPMS) funds from the USACE to offset these costs, however if communities are able to include any of the funding in their upcoming budgets, she asked that they please do so. She noted that they will be receiving support letter templates for the projects in the next few days and requested that communities consider filling them out to increase the chances that the PAS/FPMS funding requests will be successful. Landon Erickson, USACE, presented on the details of the two scopes. The update to the georeferenced CDC model will include all approved CDC projects since May 2017, consolidate the CDC and NFIP models into one project file, and provide inundation area shapefiles.

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Alan Johnson, FEMA, noted that preliminary maps will be issued this fall for the NFIP and that they are expected to become effective sometime in 2022. He requested that if communities have any concerns to reach out to him and provide him with any data as soon as possible, as FEMA will be incorporating all map changes. The CDC model extension for the Trinity mainstem and East Fork Trinity will include a future land-use HEC-HMS model, a consolidated NFIP-CDC HEC-RAS model, and inundation area shapefiles for future 100 year and SPF events.

- b. **CDC Model and Application Website** NCTCOG staff will give a presentation on the newly created data management website for the CDC model. (Brian Geck)

Brian Geck gave the FMTF a first look at the still developing public-facing CDC website and the model repository, in addition to the Orchestly system that will be used to receive CDC applications online. No comments were given at the meeting. Mia Brown requested that communities with upcoming CDC applications consider allowing their submission to be a test case for the system.

- c. **East Fork/Denton Creek Update.** NCTCOG staff will update FMTF on the initiatives to bring additional communities into the Common Vision program. (Mia Brown)

Mia Brown informed the Task Force that NCTCOG staff met with staff of Grapevine and Flower Mound in January to discuss possible participation in the Trinity Common Vision program as Denton Creek communities. The communities were open to future discussions. Mia also said that the City of Mesquite intends to take the East Fork resolution to their council sometime in the future, and that they offered to talk with neighboring communities Sunnyvale and Forney about joining the program.

- d. **Ongoing Support Activities.** NCTCOG Staff will give an update on the Ongoing Support Activities Section of the FY2020 Work Program.

- i. **OneRain Regional Flood Warning Software Contract.** NCTCOG staff will solicit feedback on the OneRain Regional Flood Warning Software Contract and desires for future functionality as the contract comes up for renewal in July 2020. (Mia Brown)

Mia Brown told the Task Force that Environment & Development and Administration staff met with OneRain staff in February and March to discuss moving forward with new ideas for the pending July contract renewal, including a system that puts more onus on OneRain for outreach as well as creates a subscription platform allowing all cities to join regardless of the number of sensors their flood early warning system contains. As of the date of this meeting, talks were still underway with OneRain.



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- ii. **USACE Storm Shifting Application.** NCTCOG staff will update the FMTF on the USACE application to the Silver Jackets for \$100,000 to perform storm shifting on the Trinity River Corridor.

Mia Brown reminded the Task Force that this project was briefly discussed at the January meeting roundtable, thanked communities that submitted support letters, and let them know that the USACE submitted the application to the Silver Jackets on March 31. Landon Erickson gave details to the Task Force on the scope, should they be awarded the funds. He included that the storm shifting project would include HEC-RAS/HEC-HMS models with flows and data from the shifted storm, inundation maps, a project study report, and USACE support in public meetings or tabletop exercises. He emphasized that storm shifting would help show major flooding impact scenarios, transportation and critical infrastructure impacts, and provide support for higher standards.

INFORMATION ITEMS

4. Other Program Related Efforts

- a. **North Texas Floodplain Administrators/CRS Users Group.** NCTCOG and the Texas Floodplain Management Association (TFMA) continue to hold meetings for floodplain administrators and CRS users throughout the region. The next meeting will be held virtually on May 4, 2020, from 8:30 a.m. to 12:00 p.m. to enable CFMs to obtain CECs during social distancing. FEMA Region 6 and Harris County Engineering will present on substantial damage determinations, in addition to updates on the CRS Manual, DRRM 1206, and other FEMA updates. Registration will open soon. (Mia Brown)

Mia Brown noted that registration has opened for this meeting, space is still available, and attendees will receive 3.5 CECs for their CFM license.

- b. **Cooperating Technical Partnership.** NCTCOG staff will provide an update on the CTP projects that are ongoing and newly submitted. (Mia Brown)

Mia Brown gave updates on all CTP projects. FY17 flood risk identification projects for Town Creek (Weatherford) and Stream CF-5 (Benbrook) had their flood resilience meetings in March postponed and they will be rescheduled virtually very soon. The Richland-Chambers Discovery Findings webinar was held April 2nd. The recording and draft Discovery Report are available at:

<https://www.nctcog.org/envir/watershed-management/cooperating-technical-partners/discovery>. The FY18 Marys Creek flood risk identification project is ongoing, with hydrology nearly complete. The March partner meeting will be rescheduled virtually or in-person depending on the circumstances. FY19 flood risk

identification projects on Waxahachie Creek and Harriet Creek held their kickoff meetings virtually in April, and survey is about to begin on both projects. For the FY 20 application cycle, feedback from FEMA indicated that NCTCOG will apply for funds for flood risk identification projects on Catherine Branch and Hog Branch (Denton County).

- c. **Integrated Stormwater Management (iSWM) Program.** An update on iSWM activities will be provided by NCTCOG staff. (Mia Brown)

The iSWM Subcommittee is currently conducting a series of workshops:

- **Technical Meeting of iSWM Adopters:** A webinar was held March 30th which addressed feedback received on technical manuals for construction control, hydrology, hydraulics, iSWM implementation & enforcement, and site development controls.
- **Reorganize/Re-evaluate Site Development Controls:** Workshop No.2 was held February 5, 2020. Attendees addressed feedback regarding potential technical information updates, reorganization, and design/construction.
- **iSWM Designation Implementation Workshop:** Workshop No.3 is scheduled for February 11, 2020. This is the final workshop for interested parties to discuss any questions or concerns regarding iSWM; it is reservation only.

The draft Atlas 14 implementation approach memorandum was approved by the iSWM Subcommittee in January; work is in progress towards incorporating the new rainfall data into the iSWM technical manual. The Subcommittee and NCTCOG staff are also continuing efforts on a short video to give an overview of the use, installation process, and maintenance of a biofiltration system in downtown Roanoke. The video footage will be utilized by NCTCOG in the future as a case study. The next iSWM meeting is scheduled for April 27, 2020 at 1:30 p.m. via UberConference: <https://www.uberconference.com/nctcogenv>.

- d. **Trinity River National Recreation Trail Update.** NCTCOG staff will update the FMTF on the designation status of the Trinity River as a National Recreation Trail by the National Park Service. (Mia Brown)

The Trinity Coalition's application to the National Park Service to establish the Trinity River National Recreation Trail has completed the vetting process and will go to the Secretary of the Interior for consideration. It is anticipated that a designation will be announced on National Trails Day on June 6.

OTHER BUSINESS AND ROUNDTABLE DISCUSSION

5. **CDC Applications.** NCTCOG staff will share CDC applications received since the last FMTF meeting and invite FMTF members to share any upcoming CDC applications. (Mia Brown)
- **New CDC Applications**



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- DC 040120-1 (Langdon Road Connector)
- Technical Review Completed
 - LEW 090519-1 (Riverview Park)
- Final Action Forms Received
 - GP 111519 (Sunset Soccer Fields)
 - GP 072219 (MacArthur Reclamation)
 - ARL 040319 (Viridian Project Tract C-8)

6. **Roundtable Topics/Other Business.** The FMTF members and NCTCOG staff may share additional items as time allows.

Alan Johnson, FEMA Region 6, said that they are making progress toward releasing preliminary maps for five counties. The East Fork Trinity study just released draft products to communities through a webinar. He requested that communities keep FEMA updated on changes to mapping.

7. **Schedule for the Next Meeting.** The next meeting date is scheduled for Friday, June 26, 2020, at 9:30 a.m. Details for an in-person meeting or Webex are to be determined.

8. **Adjournment.**

If you have any questions regarding the meeting or agenda items, please contact Mia Brown by phone at (817) 695-9227, or by email at MBBrown@nctcog.org.

Thank you.

Attendance Recorded Via Webex

Mia Brown – NCTCOG*
Tam Vu - City of Dallas*
Landon Erickson - USACE Fort Worth District*
Tamara Cook – NCTCOG*
Rachel Ickert – TRWD*
Edith Marvin – NCTCOG*
Joe Trammel - Tarrant County*
Heather Harris - Carollo Engineers
Kelley Chastain - Kaufman County*
Angela Davidson - Half Associates
Tim Benefiel - DCURD
Lissa Shepard - Dallas County*
Stephanie Griffin - Half Associates
Clair Davis - City of Fort Worth*
Jerry Cotter - USACE Fort Worth District*
Jeff Ballew - Edgecliff Village
Julie A. Jones - Nathan D. Maier Consulting Engineers, Inc.
Aaron Hoff – TRWD*
Bret Higginbotham - USACE Fort Worth District*
Kelly Dillard - Walter P. Moore
Diane Howe - FEMA Region 6*
Adam Ray - Jones Carter Civil Engineering Firm
Jennifer Bonner - City of Seagoville*
Jeff Kelly - City of Lewisville*
David McKee - City of Grand Prairie*
Noe Villarreal - Dallas County*
Alan Johnson – FEMA Region 6*

*Indicates an attendee from a Trinity Common Vision Member Entity or Partner