



Region 3 Trinity Flood Planning Group Meeting
Thursday, June 29, 2023
10:30 a.m.

The Region 3 Trinity Flood Planning Group will hold a public meeting in-person pursuant to Texas Government Code, Section 551.127. This meeting will be conducted in a hybrid format.

In-person:
John Bunker Sands Wetland Center
655 Martin Ln
Combine, TX 75159

Virtually:
Via WebEx videoconference at:
<https://bit.ly/3HR119z>
or via phone at 1-408-418-9388 access code 2499 424 5180
Webinar password: eUbA7NPBg25 (38227672 from phones).

Members of the public may attend, participate and/or address the RFPG in-person, or they may virtually access the meeting using the videoconference link or teleconference information provided above. Members of the public wishing to address the Trinity RFPG during the meeting are encouraged to follow the registration and comment procedures found below.

Prior to the meeting, a tour of the John Bunker Sands Wetland Center will be available at 9:00 a.m. The tour involves some walking and a bus ride. Estimated time including travel is approximately 1 hour. Participants will participate in a safety briefing and should be dressed appropriately for an outdoor site visit. The facility is located at 655 Martin Ln, Combine TX 75159.

MEETING AGENDA

1. Call to order
2. Roll call
3. * Approval of minutes from the previous meeting
4. Acknowledgement of written public comments received
5. Receive registered public comments on specific agenda items – limit 3 minutes per person
6. TWDB Update
7. * Establish term limits for voting members
8. * Consider certification of voting member terms as identified

Trinity Regional Flood Planning Group June 29, 2023 Meeting Notice and Agenda, continued

9. * Consider selection of Region 3 Trinity RFPG Sponsor for the second cycle of regional flood planning
10. Update from the Region 3 Technical Consultant
 - a. Update on Draft Amended Region 3 Trinity Regional Flood Plan
 - i. Task 12 updates
 - ii. Chapter updates
 - b. * Consider approval of recommended FMEs, FMPs and FMSs for inclusion in the Amended Region 3 Trinity Regional Flood Plan
 - c. * Consider approval of revising and submitting the Amended Region 3 Trinity Regional Flood Plan to TWDB by July 14, 2023
11. Updates from liaisons for adjoining coastal regions
 - a. Region 5 Neches RFPG
 - b. Region 6 San Jacinto RFPG
12. Updates from Planning Group Sponsor
13. * Review administrative costs requiring certification
14. * Discuss Planning Group activities post submittal of the amended plan, including the potential formation of subcommittees
15. Receive registered general public comments – limit 3 minutes per person
16. Announcements
17. Confirm meeting date for next meeting
18. Consider agenda items for next meeting
19. Adjourn

* Denotes Action Item

ORAL PUBLIC COMMENTS

If you wish to provide oral public comments at the meeting, you are encouraged to register in advance by emailing Owen Ramsey at info@trinityrfpg.org no later than 9:00 a.m. on June 29, 2023, providing your name, phone number, email address and who are you representing, and indicating if you wish to comment on a specific agenda item or provide general comments. During the meeting, those who have registered to speak, either in-person or virtually, will be called upon by the Chair during the appropriate comment period. At the discretion of the Chair, unregistered attendees who wish to speak may also have the opportunity to provide oral comments during the public comment periods of the agenda.

- Those participating by videoconference will be asked to use the “raise hand” function, visible by hovering the cursor over the attendee’s name onscreen, to indicate their interest in speaking during the appropriate public comment period.
- Those participating by teleconference will be asked to enter *3 to indicate their interest in speaking and to be placed into the queue in order to be called upon during the appropriate public comment period.

Trinity Regional Flood Planning Group June 29, 2023 Meeting Notice and Agenda, continued

WRITTEN PUBLIC COMMENTS

If you wish to provide written comments prior to or after the meeting, please email your comments to info@trinityrfpg.org and include "Region 3 Trinity Flood Planning Group Meeting" in the subject line of the email.

Additional information may be obtained from:

Alexis Long at: (817) 467-4343 or by email at: longas@trinityra.org

Physical location: 5300 South Collins Street, Arlington, TX 76018



June 29, 2023





1. Call to order



2. Roll call



3. Approval of minutes

Region 3 Trinity Flood Planning Group Meeting
Thursday, April 6, 2023
10:00 a.m.

The Region 3 Trinity Flood Planning Group convened a public meeting, in person as well as virtual, on Thursday, April 6, 2023, at 10:00 AM. Chairman Glenn Clingenpeel opened the meeting at 10:02 AM.

Voting Members Present:

Chad Ballard (absent)
Sano Blocker (absent)
Melissa Bookhout
Glenn Clingenpeel
Scott Harris
Rachel Ickert
Andrew Isbell (joined after roll call)
Jordan Macha (joined after roll call)
Craig Ottman (alternate for Rachel Ickert)
Galen Roberts
Matt Robinson (absent)
Lissa Shepard
Sarah Standifer

7 voting members were present at the time of roll call, constituting a quorum.

Ex Officio Members Present:

Richard Bagans
Manuel Martinez
Steve Bednarz
Justin Bower (absent)
Ellen Buchanan
Todd Burrer (absent)
Jerry Cotter
Matthew Lepinski (alternate for Jerry Cotter)
Brittany Frazier
Humberto (Bert) Galvan
Cameron Cornett for Diane Howe
Lonnie Hunt
Edith Marvin
Lisa McCracken
Jose Rosales for Andrea Sanders
Greg Waller (absent)
Adam Whisenant (absent)

*Approval of the Minutes of the February 16, 2023 Meeting

Motion: Lissa Shepard moved to approve the minutes as presented;
Second: Galen Roberts; Action: Minutes were unanimously approved.

Acknowledgement of written public comments received

No written public comments were received.

Receive registered public comments on specific agenda items

No registered public comments were received.

TWDB Update

Richard Bagans with TWDB provided an update. TWDB sent out an email blast soliciting feedback on the proposed methods for ranking FMEs, FMPs, and FMSs in the 2024 State Flood Plan. The public comment period was open until April 1st but was extended to April 14th. Groups or individuals can submit feedback. TWDB emphasized that the online feedback form should be used. A webinar was held on the TWDB State Flood Plan ranking on March 22nd for all RFPG members and Technical Consultants. A brief presentation was given followed by a question-and-answer session. TWDB is legislatively mandated to rank flood projects. Currently, TWDB is utilizing the data provided by all regions. TWDB would like suggestions on what criteria they should or should not include in the ranking. In addition, they would like suggestions on what weight the criteria should be given.

TWDB finished the review of all regional adopted flood plans. Every region received a TWDB information request. The letters were sent to every region noting data discrepancies. TWDB requested data corrections within 2 weeks. TWDB also provided comments utilizing the same format as the Draft Regional Flood Plan. Level 1 comments should be responded to within 2 weeks. Level 2 comments should be addressed and responded to within the Amended Flood Plan.

Richard Bagans will be resigning from TWDB in June 2023.

RFPG Discussion on TWDB Proposed Methods for Ranking Recommended Flood Mitigation Projects - Glenn Clingenpeel with Trinity River Authority

Glenn emphasized that every organization is free to submit comments on behalf of their organization. TWDB stated that they consider the number of similar comments. If similar feedback submissions are made on behalf of a group or an organization rather than an individual, TWDB will rank those submissions as a higher priority. The RFPG members were asked if there were any common high-level points that should be submitted from Region 3. TWDB was asked if the

R3RFPG could submit a comment requesting that TWDB not rank projects during the next legislative cycle. TWDB stated that they cannot act upon comments requesting that ranking be removed from the 2024 State Flood Plan. Legislative action would be needed to remove the ranking criteria. It was noted that public comment will be available on the TWDB Administrative Codes during the next Flood Planning cycle.

The two high-level points proposed request an increase in ranking transparency and request elimination of the ranking process. Glenn further elaborated that ranking does not determine funding. It is one component of a matrix used to allocate funding.

The R3RFPG members were asked if they support the submittal of the two high-level points.

Sarah Standifer provided a comment in support of the high-level points. She requested that the importance of regional flood planning be emphasized. In addition, stress that prioritization of projects is not solely indicative of funding.

Chairmen Glenn Clingenpeel called for a motion to authorize the chairmen of the R3RFPG to submit a letter to TWDB on the proposed methods for ranking that addresses the issue of transparency in the ranking process, and whether or not it is appropriate to rank the projects.

Motion: Scott Harris moved to approve the authorization of the chairmen of the R3RFPG to submit a letter to TWDB on the proposed methods for ranking that addresses the issue of transparency in the ranking process, and whether or not it is appropriate to rank the projects.

Second: Sarah Standifer; Action: Motion passed unanimously.

15-minute Break: Reconvened at 10:40

The next flood planning cycle will begin this Fall. The selection of a Sponsor and a Technical Consultant team will take place this fall. The Amended Regional Flood Plan is due July 14, 2023. The current contract with Halff will expire December 2023.

TWDB will email a timeline highlighting next steps. TWDB recommended that the R3RFPG meet in September or October of this year to elect the R3RFPG Sponsor and then select the Technical Consultant team. TWDB expects the second flood planning cycle contracts to be finalized over the winter. If work commences prior to the execution of contracts, TWDB surmises that a clause will be included in the contract to back date reimbursable work similar to the first flood planning cycle. Work is allowed to fix remaining deficiencies on the Amended Regional Flood Plan under the current contract until December 2023.

TWDB will confirm when the Sponsor term for the flood planning cycle terminates.

It was recommended that the Sponsor for the second flood planning cycle be selected after the Amended Regional Flood Plan is submitted on July 14, 2023. The Request for Proposals and Quotes process for the Technical Consultant will begin in July, 2023, with the intent of executing a contract in September or October 2023.

Update from Region 3 Technical Consultant – Stephanie Griffin with Halff

Stephanie Griffin provided an overview of the content to be discussed by the consulting team including an update on TWDB Comments on Final Regional Flood Plan and Proposed Responses, an update on Task 12 as well as the status of FMXs on the work order approved by R3RFPG in February 2023, and a Proposed Project Schedule.

- a. TWDB Comments on Final Plan and proposed consultant team responses – Stephanie Griffin with Halff:

TWDB Comments were received by the Technical Consultants on March 28. Responses to TWDB Comments as well as updated files are due April 11. TWDB Comments focused on Chapters One through Five. Level 1 comments must be addressed by April 11. Level 2 comments must be addressed by incorporation into Amended Regional Flood Plan.

Proposed Responses to TWDB Comments include seeking clarification on apparent conflict with previous TWDB direction provided in November 2022; a request for additional explanation regarding Americans with Disability Act errors on March 29; Unique IDs will be corrected; and discrepancies between geodatabase and TWDB-required tables will be corrected. All files will be updated on the R3RFPG website after TWDB review.

- b. Update on Task 12 – Caroline Short with FNI

The Consultant provided an update on FMP Analysis Progress. A Map of FMP Distribution for Tiers 1 and 2 were shown. Tier 1 FMPs were substantially complete and will be presented to R3RFPG at the next meeting to recommend for inclusion in the Amended Regional Flood Plan.

17 of 32 Tier 2 FMPs were substantially complete. At least one from each submitting entity have been reviewed. A few FMPs were submitted from TWDB Flood Infrastructure Fund (FIF) contracts. Chambers County FIF contract sponsored by Liberty County WCID#5, submitted the necessary data to be considered a Tier 2 FMP by the January 27th, 2023 R3RFPG deadline. The project is ongoing and new data and documentation will be submitted to elevate the project to Tier 1.

Five of 26 Tier 3 FMPs were substantially complete. Kaufman County FIF contract will be elevated to Tier 1 once the necessary data and documentation has been submitted.

Key components of FMP analysis were presented in table format. The table documents the status of each project and is updated as a project progresses through the work order.

c. Project Schedule – Stephanie Griffin with Halff

The Technical Consultant's approach to reviewing the Draft Amended Plan were presented. Minimal chapter updates will be needed for the Executive Summary and Chapters one, two, three, and ten. Extensive updates will be needed for Chapter four, five, six, and nine.

Chapters with updates will be sent out to RFPG members with Track Changes. Chapters that do not have updates will not be sent to RFPG members. Chapters Four and Five will be sent to the RFPG on May 19th. The RFPG will have 10 days to review the proposed changes. Chapter Six will be sent to the RFPG May 25th. The RFPG will have five days to review the proposed changes. Chapter Nine will be sent to the RFPG on June 2nd. The RFPG will have five days to review the proposed changes. The Executive Summary will be sent to the RFPG by June 8th. The RFPG will have 5 days to review the proposed changes.

The RFPG will meet on June 22, 2023 to adopt the Amended Regional Flood Plan. The Amended Regional Flood Plan will be submitted to TWDB by July 14, 2023.

Updates from liaisons for adjoining coastal regions

- a. Region 5 Neches RFPG: Ellen Buchanan provided an update. They are at the equivalent place as Region 3. Region 5 submitted a recommendation to TWDB proposed FMP ranking criteria. They proposed a language change from estimated population at 100-year flood risk to estimated percentage of population at 100-year flood risk.
- b. Region 6 San Jacinto RFPG: Scott Harris provided an update. The results of the statewide comparison of FMXs showed that Region 6 has the most FMPs statewide, but second to the USACE Gulf Coast Protection District Coastal Texas Protection and Restoration Feasibility Study (CSRMS) project. Region 6 also received an update from the USACE Gulf Coast Protection District. They are currently working on finalizing plans to acquire additional funding for the Galveston Bay CSRMS project.

Update from Planning Group Sponsor

There were no updates.

*Review administrative costs requiring certification

There were no administrative costs requiring certification.

* Discuss Planning Group activities post submittal of the amended plan, including the potential formation of subcommittees – Glenn Clingenpeel with TRA

The agenda item is intended to remove the lag time between the adoption of the amended regional flood plan and the beginning of the second flood planning cycle. It was proposed that interim charges be assigned to better understand the quantity and quality of the various models available. For example, there are several river models available for different portions of the Trinity River. In addition, there are several entities that develop models. The idea during the interim would be to formulate a better picture of how these models fit together. This will enable the group to better understand the flood landscape.

Scott Harris expressed his support to continue with planning meetings during the interim. Melissa Bookhout also conveyed her support for the subcommittees. Lissa Shepard noted that once the TWDB Category 1 FIF projects are completed the results will allow the R3RFPG to formulate a larger understanding of the region.

The R3RFPG was charged with determining one to three major topics that the R3RFPG would like to focus on. For example, what riverine, upland and/or stormwater models currently exist in the Trinity River basin?

Rachel Ickert also recommended that the RFPG start reviewing Legislative recommendations.

Receive registered public comments – limit 3 minutes per person

Mr. Clingenpeel opened the floor for public comments. No public comments were received and the public comment section was closed.

Announcements

Edith Marvin, Environment and Development Director at the North Central Texas Council of Governments is retiring. Chairman Clingenpeel thanked her for her service to the R3RFPG and for everything she has done to help the citizens of the Trinity basin.

Confirm meeting date for next meeting

June 22, 2023 at 10 am. Location TBD

Consider agenda for next meeting

Adjourn

11:23 AM adjourned.

* Denotes Action Item

THE ABOVE AND FOREGOING ARE CERTIFIED TO BE TRUE AND CORRECT MINUTES
OF THE REGULAR MEETING OF THE REGION 3 TRINITY FLOOD PLANNING GROUP
HELD April 6, 2023.

SCOTT HARRIS, Secretary
REGION 3 TRINITY FLOOD PLANNING GROUP


Date

GLENN CLINGENPEEL, Chair
REGION 3 TRINITY FLOOD PLANNING GROUP

Date



4. Acknowledgement of written comments received




5. Public comments on agenda items




6. TWDB update



7. Establish term limits



8. Consider certification of voting members



9. Consider selection of sponsor for second cycle of planning



10. Consultant update



Agenda

- 1.
- 2.
- 3.
- 4.

CONSULTANT UPDATE

- **Update on Draft Amended Plan**
 - Task 12 Updates
 - Chapter Updates
- **Consider approval of recommended FMXs**
- **Consider approval of Amended Plan**

An underwater photograph showing the surface of the ocean with gentle waves. The water is a deep teal color, and the light from above creates a shimmering effect on the surface. The text is centered in the lower half of the image.

Update on Draft Amended Plan



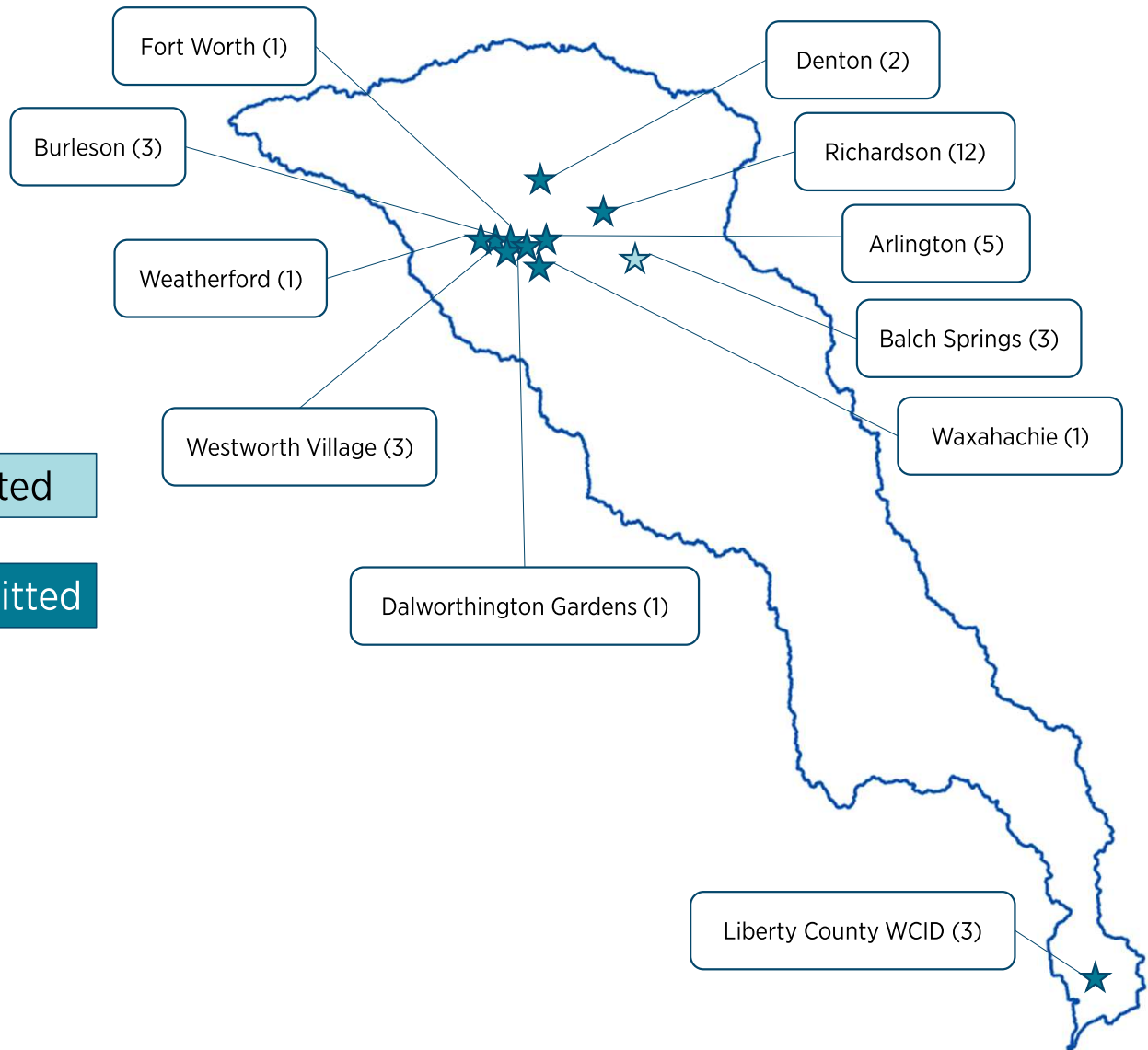
Task 12 Updates

- Work Order Plan Progress
- Summary of Amended Plan FMXs
- Recommended FMXs

FMP Distribution (Tiers 1 and 2)

Tier 1 FMPs - 3 submitted

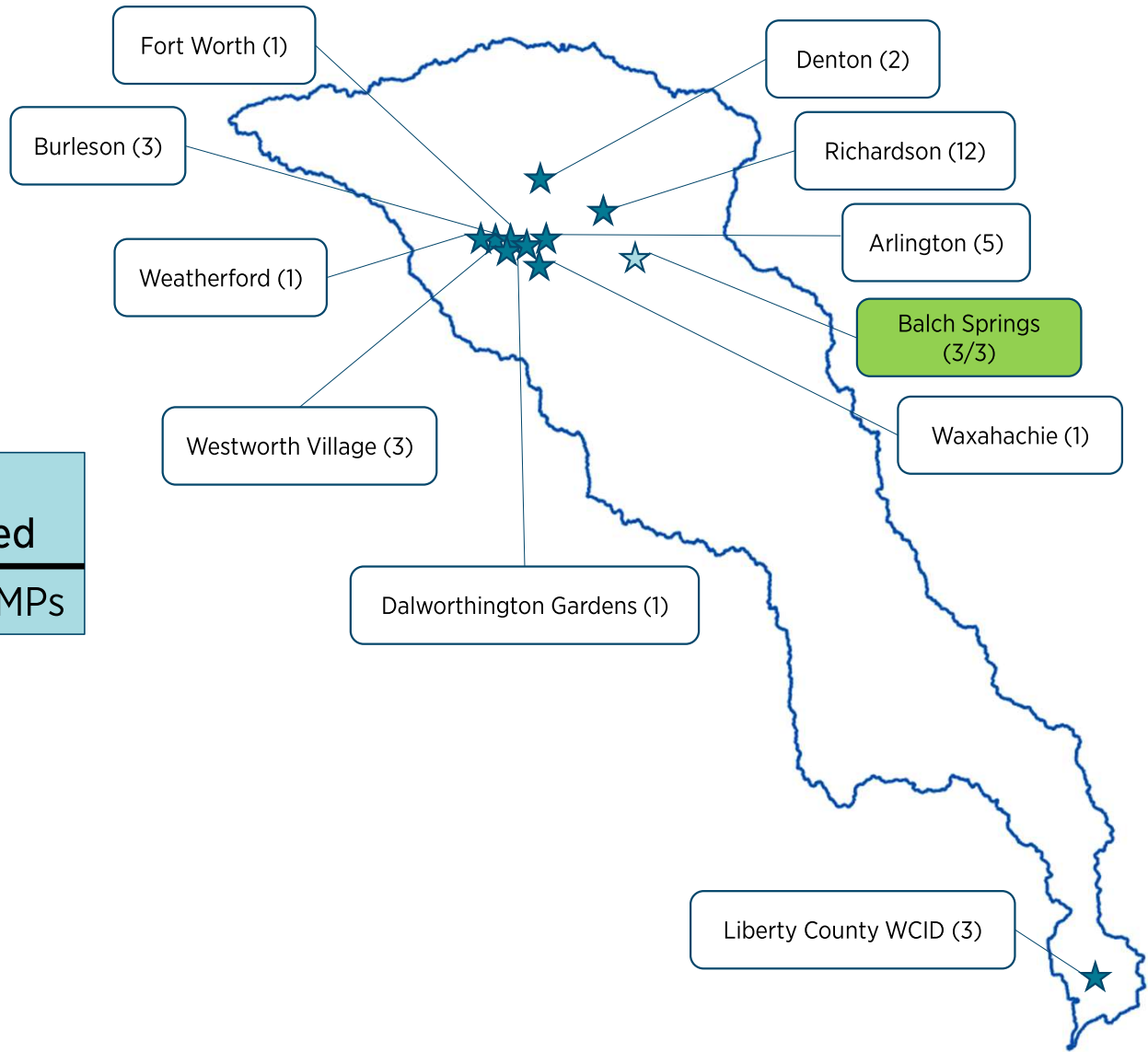
Tier 2 FMPs - 32 submitted



FMP Analysis (Tier 1)

Tier 1 FMPs
3 out of 3 Completed

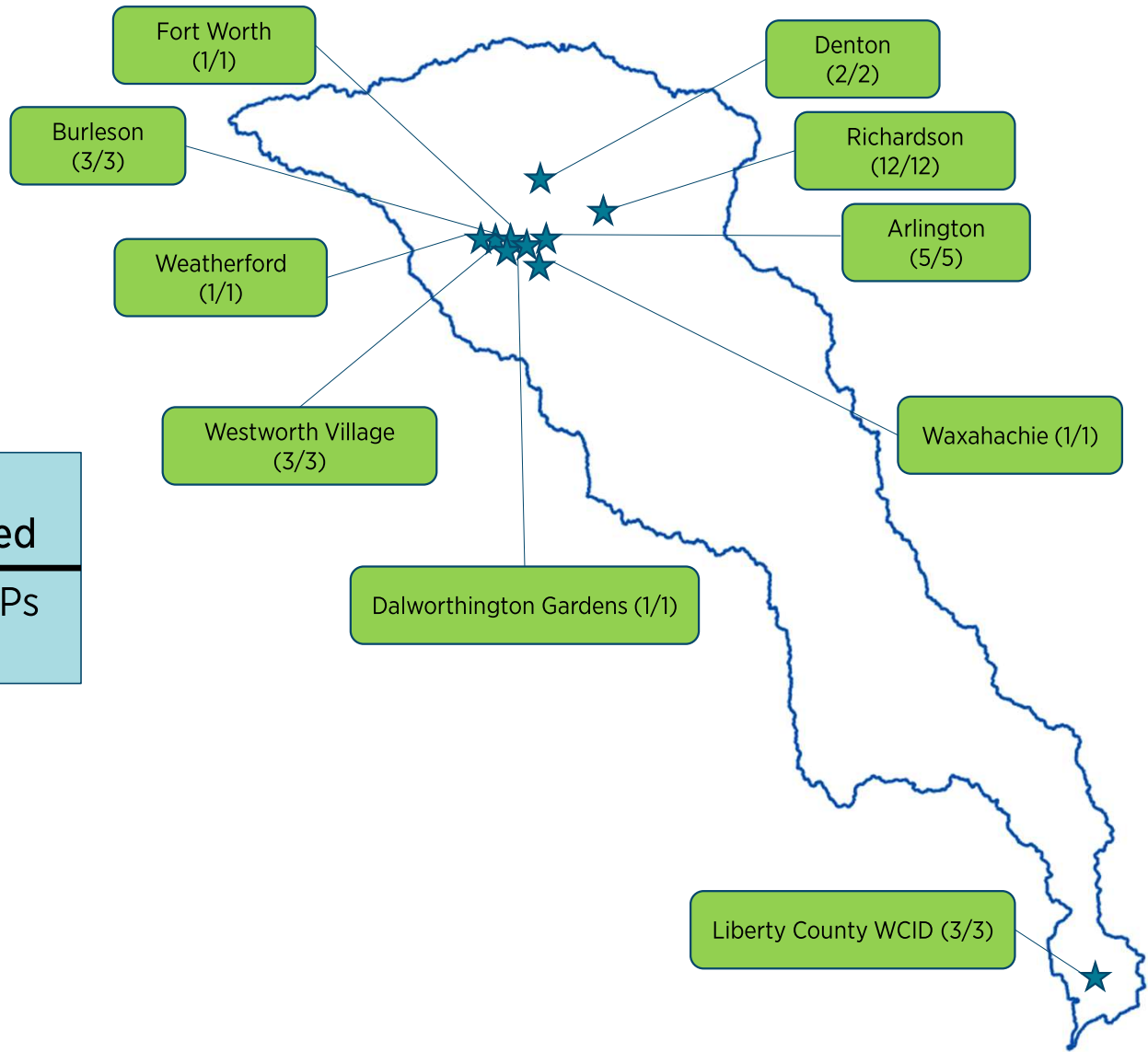
- 3 Recommended FMPs



FMP Analysis (Tier 2)

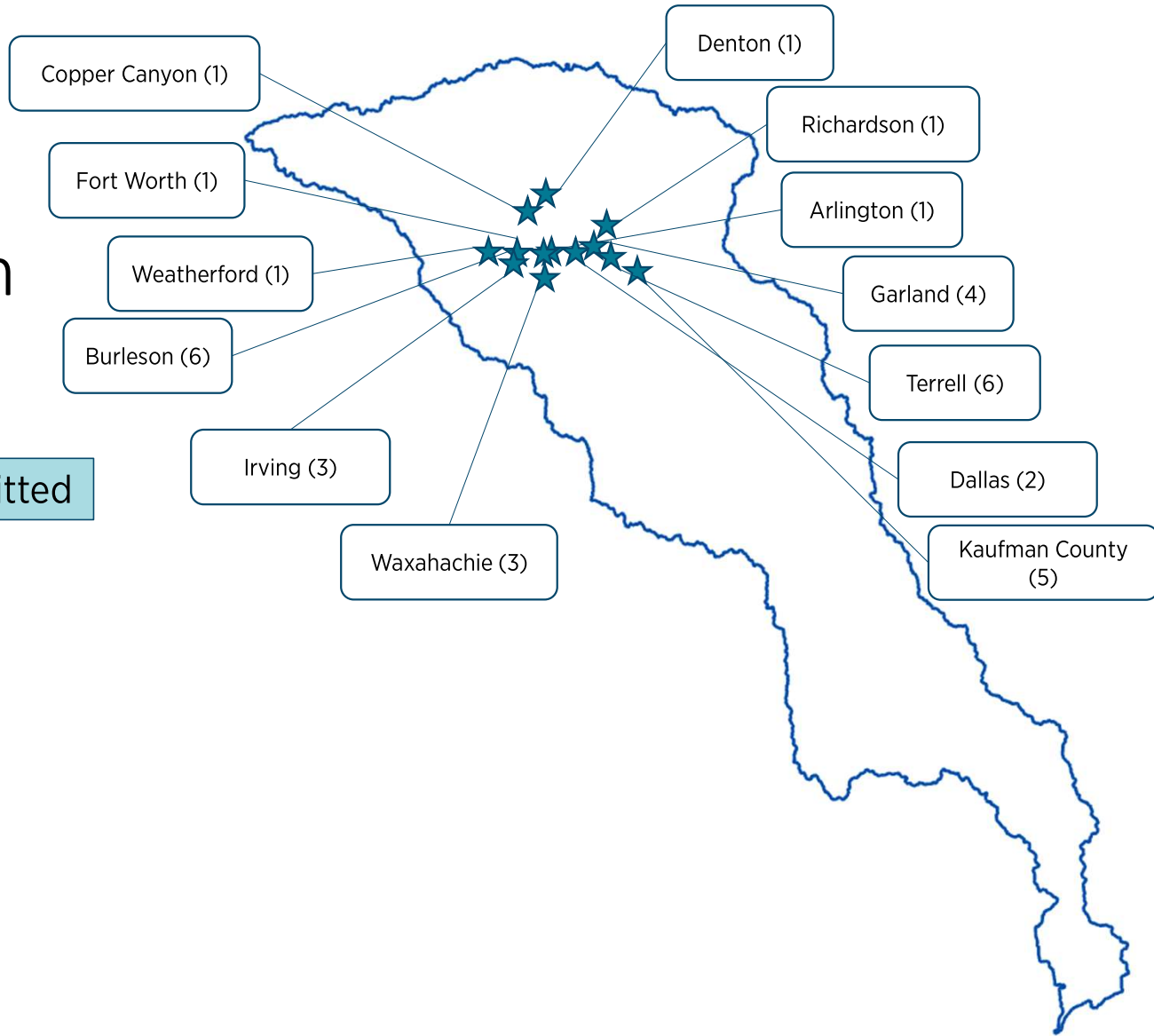
Tier 2 FMPs
32 out of 32 Completed

- 31 Recommended FMPs
- 1 Reclassified to FME



FMP Distribution (Tier 3)

Tier 3 FMPs - 35 submitted

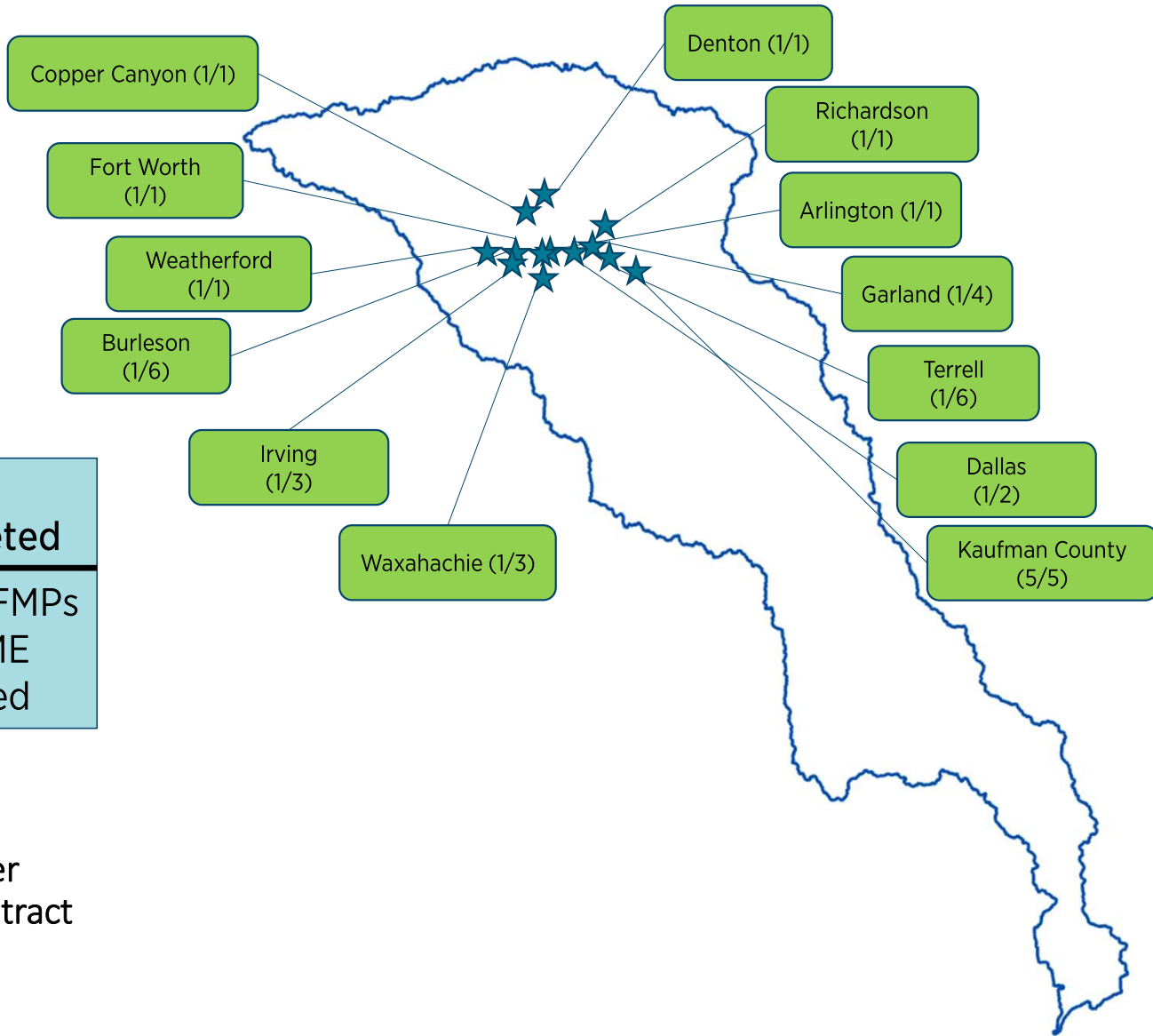


FMP Analysis (Tier 3)

Tier 3 FMPs
17 out of 35 Completed

- 15 Recommended FMPs
- 1 Reclassified as FME
- 1 Not Recommended

Special Case:
FMPs analyzed under
Kaufman County FIF contract



Region 3 - Trinity RFP - Task 12 - FMX Work Order Plan

FMX ID	FMP Tier	Initial FMX Classification	Final FMX Classification	FMX Name	Sponsor	Comments
033000062	1	FMP	FMP	Hickory Creek Flood Protection - Alternative 1	Balch Springs	
033000063	1	FMP	FMP	Hickory Creek Flood Protection - Alternative 2	Balch Springs	
033000064	1	FMP	FMP	Hickory Creek Flood Protection - Alternative 3	Balch Springs	
033000065	2	FMP	FMP	Town Creek [Tarrant Ave, Warren St, Johnson Ave, Newton Dr] Safety Improvement	Burleson	
033000044	2	FMP	FMP	Project 2 – Campbell Road System	Richardson	
033000067	2	FMP	FMP	Ansley Dr. Storm Sewer System Improvement	Westworth Village	
033000068	2	FMP	FMP	Main A pump station and conveyance improvements	Liberty County WCID #5	Completed as part of FIF Study
033000069	2	FMP	FMP	Highland Ave. Drainage Improvements	Waxahachie	
033000070	2	FMP	FMP	Fairgrounds Detention Option 3	Denton	
033000071	2	FMP	FMP	Design/Construction for Holland Lake Spillway	Weatherford	
033000072	2	FMP	FMP	Elkins Lake Dam Rehabilitation	Dalworthington Gardens	
033000073	2	FMP	FMP	Bonneville/Greenbrook Drainage Improvements	Arlington	
033000074	2	FMP	FMP	Lebow Flood Mitigation Project	Fort Worth	
033000075	2	FMP	FMP	Village Creek [Dobson St (CR 714)] Safety Improvements	Burleson	
033000045	2	FMP	FMP	Project 6 – Wisteria Way Circle at Timberlake Circle	Richardson	
033000077	2	FMP	FMP	White Settlement Rd. Storm Sewer System Improvements	Westworth Village	
033000078	2	FMP	FMP	Main B pump station, detention, and conveyance improvements	Liberty County WCID #5	Completed as part of FIF Study
033000079	2	FMP	FMP	Cordell Detention Pond (Rayzor Elementary School Pond)	Denton	
031000359	2	FMP	FME	Arlington California Lane Drainage Improvements	Arlington	Requires study to identify mitigation solutions to offset negative impacts
033000081	2	FMP	FMP	Town Creek Warren Park Extension	Burleson	
033000082	2	FMP	FMP	Project 18 - Waterview Dr. Re-route	Richardson	
033000083	2	FMP	FMP	Pumphrey Dr. Storm Sewer System Improvements	Westworth Village	
033000084	2	FMP	FMP	Channel and Crossing Improvements on Redmond Creek south of the City of Ames	Liberty County WCID #5	Completed as part of FIF Study
033000085	2	FMP	FMP	Harvest Hills Channel and Drainage Improvements	Arlington	
033000086	2	FMP	FMP	Project 8a - Cheyenne Dr	Richardson	
033000087	2	FMP	FMP	Johnson Creek - Arkansas Lane and Pioneer Parkway Buyout at Johnson Creek	Arlington	
033000088	2	FMP	FMP	Project 13 - Mimosa & Melrose Dr	Richardson	
033000089	2	FMP	FMP	Arlington Johnson Creek - Collins Street and Division Street Buyout	Arlington	
033000037	2	FMP	FMP	Project 1 - Point North Parkway System	Richardson	
033000038	2	FMP	FMP	Project 4 - Big Horn Lane/Canyon Creek Drive system	Richardson	
033000039	2	FMP	FMP	Project 6 - Valley Forge Street System	Richardson	
033000040	2	FMP	FMP	Project 8 - Lower Canyon Creek Drive System	Richardson	
033000041	2	FMP	FMP	Project 9 - Grandview Drive System	Richardson	
033000042	2	FMP	FMP	Project 16 - Valley Glen drive System	Richardson	
033000043	2	FMP	FMP	Project 19 – Pebblebrook Circle System	Richardson	
033000090	3	FMP	FMP	Town Creek Railroad and S. Warren Street Improvements	Burleson	
033000091	3	FMP	FMP	Saturn Springs Estates Drainage Improvements	Garland	
033000092	3	FMP	FMP	Terrell KC1 Watershed Drainage Improvements	Terrell	

Region 3 - Trinity RFP - Task 12 - FMX Work Order Plan

FMX ID	FMP Tier	Initial FMX Classification	Final FMX Classification	FMX Name	Sponsor	Comments
033000093	3	FMP	N/A	Design/Construction for S. Holland Channel Retention Pond	Weatherford	Not Recommended. Project could not be matched with a plan goal
033000094	3	FMP	FMP	Lois Branch Main Channel Improvements	Richardson	
033000095	3	FMP	FMP	DMP Phase 1: Kirven Avenue (Project 1)	Waxahachie	
031000519	3	FMP	FME	Mill Creek Drainage Relief System - Upper-Middle Improvements	City of Dallas	Did not meet minimum data requirements
033000096	3	FMP	FMP	Estates Dr. Bridge Replacement	Copper Canyon	
033000097	3	FMP	FMP	PEC-4 Phases 3&4	Denton	
033000098	3	FMP	FMP	Kingstree Rd Drainage Improvements	Kaufman County	
033000032	3	FMP	FMP	Zoo Creek Storm Drain Flood Mitigation (Sandage)	Fort Worth	
033000100	3	FMP	FMP	Arlington Upper Village VC(A)-5 Channel and Culvert Improvements	Arlington	
033000101	3	FMP	FMP	Channel improvement on Brockbank Channel Basin north of SH 183	Irving	
031000520	3	FMP	FME	Village Creek Clubhouse Dr Improvements – Culverts	Burleson	Reclassified as FME due to time constraints
031000521	3	FMP	FME	Montclair No 2 & 3 Drainage Improvements (Alternative 2)	Garland	Reclassified as FME due to time constraints
031000522	3	FMP	FME	Terrell KC2 Watershed Drainage Improvements	Terrell	Reclassified as FME due to time constraints
031000523	3	FMP	FME	DMP Phase 1: Anderson Street (Project 3)	Waxahachie	Reclassified as FME due to time constraints
031000360	3	FMP	FME	Peaks Branch Upper Basin Relief System (RL Area 13)	City of Dallas	Reclassified as FME due to time constraints
031000361	3	FMP	FME	North Delaware Creek Phases 2 & 3	Irving	Reclassified as FME due to time constraints
n/a	3	FMP	N/A	CR-342 Drainage Improvements	Kaufman County	Submitted to Region 4
031000362	3	FMP	FME	Willow Creek Wilshire Blvd (SH 174) Improvements	Burleson	Reclassified as FME due to time constraints
031000363	3	FMP	FME	Western Heights Drainage Improvements	Garland	Reclassified as FME due to time constraints
031000364	3	FMP	FME	Terrell BC1 Watershed Drainage Improvements	Terrell	Reclassified as FME due to time constraints
031000365	3	FMP	FME	DMP Phase 2: Dunlap	Waxahachie	Reclassified as FME due to time constraints
031000366	3	FMP	FME	Stream 7C2 Channel Improvements	Irving	Reclassified as FME due to time constraints
033000107	3	FMP	FMP	Plantation Ridge Channel Improvements	Kaufman County	Completed as part of FIF Study
031000367	3	FMP	FME	Village Creek CR 802 (east) Improvements	Burleson	Reclassified as FME due to time constraints
031000368	3	FMP	FME	Drainage Improvements for Stream 2C5, Keen Creek, From North Barnes Drive to North Yale Drive	Garland	Reclassified as FME due to time constraints
031000369	3	FMP	FME	Terrell KT1 Watershed Drainage Improvements	Terrell	Reclassified as FME due to time constraints
033000108	3	FMP	FMP	CR-243 Drainage Improvements	Kaufman County	Completed as part of FIF Study
031000370	3	FMP	FME	Village Creek CR 802 (west) Improvements	Burleson	Reclassified as FME due to time constraints
031000371	3	FMP	FME	Terrell KC5 Watershed Drainage Improvements	Terrell	Reclassified as FME due to time constraints
033000109	3	FMP	FMP	Valley View/Ravenhill-Devonshire Drainage Improvements	Kaufman County	Completed as part of FIF Study
031000372	3	FMP	FME	Shannon Creek - Culvert to Main Stem Shannon Creek	Burleson	Reclassified as FME due to time constraints
031000373	3	FMP	FME	Terrell BC5 Watershed Drainage Improvements	Terrell	Reclassified as FME due to time constraints
033000110	3	FMP	FMP	CR-4116 Drainage Improvements	Kaufman County	Completed as part of FIF Study
031000374	4	FME	FME	Centerville Market Place Drainage Improvements	Garland	
031000375	4	FME	FME	Miami Drive Drainage Improvements	Garland	
031000376	4	FME	FME	Project 14 – Ridgeway Circle and Ridgeway Drive System	Richardson	
031000377	4	FME	FME	Project 15 – James Drive and Weatherred Drive System	Richardson	
031000378	4	FME	FME	10' X 4.5' Culvert at Glenville Drive	Richardson	

Region 3 - Trinity RFP - Task 12 - FMX Work Order Plan

FMX ID	FMP Tier	Initial FMX Classification	Final FMX Classification	FMX Name	Sponsor	Comments
031000379	4	FME	FME	2-9' X 7' Culverts Plano Road	Richardson	
031000380	4	FME	FME	10' X 8' Culvert at St Johns Drive	Richardson	
031000381	4	FME	FME	3-10' X 8' Culverts at Yale Blvd.	Richardson	
031000382	4	FME	FME	Sub-project A4 - College Park Improvements	Richardson	
031000383	4	FME	FME	Sub-project A5 - Annapolis Drive Improvements	Richardson	
031000384	4	FME	FME	Sub-project A7 - Improvements along Windsong Trail	Richardson	
031000385	4	FME	FME	Sub-project C3 - Spring Valley at Towne House Lane	Richardson	
031000386	4	FME	FME	Arlington Bowman Branch - Mansfield Webb Road Main Stem Crossing Improvements	Arlington	
031000387	4	FME	FME	Arlington Bowman Branch - Spring Miller Court Crossing Improvements	Arlington	
031000388	4	FME	FME	Arlington Cottonwood Creek at Park Row Buyout	Arlington	
031000389	4	FME	FME	Arlington North Fish Creek Detention between Allen Avenue & SH 360	Arlington	
031000390	4	FME	FME	Arlington Mayfield Road Channel & Culvert Improvements at Tributary NF-1	Arlington	
031000391	4	FME	FME	Arlington Cottonwood Creek at Sherry Street Crossing Improvements	Arlington	
031000392	4	FME	FME	Arlington Johnson Creek - JC-2 at Pioneer Parkway and Center Street Buyout	Arlington	
031000393	4	FME	FME	Arlington Johnson Creek Storm Drain Upgrades on JC-9	Arlington	
031000394	4	FME	FME	Arlington Johnson Creek - JC-9 Channel Rehabilitation from Cooper to Sanford	Arlington	
031000395	4	FME	FME	Arlington Johnson Creek - JC-9 at Collins Street Culvert Improvements	Arlington	
031000396	4	FME	FME	Arlington Johnson Creek - JC-10 Buyouts	Arlington	
031000397	4	FME	FME	Arlington Johnson Creek - JC-12 Buyouts	Arlington	
031000398	4	FME	FME	Arlington Rush Creek - Warehouse Buyout and Floodplain Restoration	Arlington	
031000399	4	FME	FME	Arlington Upper Village VC(A)-4 at Orchard Hill Drive Crossing Improvements	Arlington	
031000400	4	FME	FME	Arlington Upper Village VC(A)-6 at Shorewood Drive Crossing Improvements	Arlington	
031000401	4	FME	FME	Hulen Street/Railroad Conceptual Bridge Span Layout	Burleson	
031000402	4	FME	FME	City of Decatur - S. Sendero/S/ Workman Rd Drainage Improvements	Decatur	
031000403	4	FME	FME	City of Decatur - S. FM 51 (West Side)	Decatur	
031000404	4	FME	FME	Dallas County Inland Port Drainage Improvements - Creek (4B4) - UPRR	Dallas County	Submitted from FIF Study
031000405	4	FME	FME	Dallas County Inland Port Drainage Improvements - Creek (4B4) - Millers Ferry Rd	Dallas County	Submitted from FIF Study
031000406	4	FME	FME	Dallas County Inland Port Drainage Improvements - Creek (4B4) - Old Main St.	Dallas County	Submitted from FIF Study
031000407	4	FME	FME	Dallas County Inland Port Drainage Improvements - Creek (4A4) - Goode Road.	Dallas County	Submitted from FIF Study
031000408	4	FME	FME	Dallas County Inland Port Drainage Improvements - Creek (4A4) - Fulghum Road.	Dallas County	Submitted from FIF Study
031000409	4	FME	FME	Dallas County Inland Port Drainage Improvements - Keller Branch Creek - W Main	Dallas County	Submitted from FIF Study
031000410	4	FME	FME	Dallas County Inland Port Drainage Improvements - Keller Branch Creek - N Jefferson	Dallas County	Submitted from FIF Study
031000411	4	FME	FME	Dallas County Inland Port Drainage Improvements - Keller Branch Creek - 2nd St.	Dallas County	Submitted from FIF Study
031000412	4	FME	FME	Dallas County Inland Port Drainage Improvements - Alta Mesa Branch - Tracy Road	Dallas County	Submitted from FIF Study
031000413	4	FME	FME	Dallas County Inland Port Drainage Improvements -Alta Mesa Branch - Simpson St.	Dallas County	Submitted from FIF Study
031000414	4	FME	FME	Pecan Acres Floodway Lot Acquisitions	Flower Mound	
031000415	4	FME	FME	East Waketon Road Drainage Improvement	Flower Mound	
031000416	4	FME	FME	Garden Ridge Boulevard Bridge Erosion Stabilization	Flower Mound	
031000417	4	FME	FME	Jernigan Road Drop Inlet and Bar Ditch Improvements	Flower Mound	

Region 3 - Trinity RFP - Task 12 - FMX Work Order Plan

FMX ID	FMP Tier	Initial FMX Classification	Final FMX Classification	FMX Name	Sponsor	Comments
031000418	4	FME	FME	Pecan Acres Drainage Improvements	Flower Mound	
031000419	4	FME	FME	Range Wood Drive, Kings Road & Lusk Lane Drainage Improvements	Flower Mound	
031000420	4	FME	FME	Royal Oaks Curb Inlet Improvements	Flower Mound	
031000421	4	FME	FME	Stream Bank Stabilization – Various Locations Town Wide	Flower Mound	
031000422	4	FME	FME	Sunset Trail Drop Inlet and Outfall Improvement	Flower Mound	
031000423	4	FME	FME	Timber Creek Road Bridges Erosion Stabilization	Flower Mound	
031000398	4	FME	FME	Arlington Rush Creek - RC1 Railroad Culvert and RC1A Channel Improvements	Arlington	
031000425	4	FME	FME	Joes Creek - West Fork Channel and Culvert Improvements	City of Dallas	
031000426	4	FME	FME	Woody Branch Floodplain Management Study	City of Dallas	
031000427	4	FME	FME	Ledbetter Branch Detention Basin	City of Dallas	
031000428	4	FME	FME	Lower Five Mile Creek Management Plan	City of Dallas	
031000429	4	FME	FME	Coombs Creek Bridge @ Plymouth	City of Dallas	
031000430	4	FME	FME	Coombs Creek Bridge @ Ivandell	City of Dallas	
031000431	4	FME	FME	Coombs Creek Bridge @ Burlingdell	City of Dallas	
031000432	4	FME	FME	Coombs Creek Bridge @ Gibsondell	City of Dallas	
031000433	4	FME	FME	Coombs Creek Bridge @ Brooklyndell	City of Dallas	
031000434	4	FME	FME	Coombs Creek Bridge @ Colorado	City of Dallas	
031000435	4	FME	FME	Coombs Creek Bridge @ Barnett	City of Dallas	
031000436	4	FME	FME	Coombs Creek Culvert @ Hampton	City of Dallas	
031000437	4	FME	FME	Knights Branch Upper Relief System Study	City of Dallas	
031000438	4	FME	FME	Knights Branch Upper Relief System Phase 2	City of Dallas	
031000439	4	FME	FME	Knights Branch @ Denton Dr.	City of Dallas	
031000440	4	FME	FME	Knights Branch Upper Relief System - Inwood/Mockingbird	City of Dallas	
031000441	4	FME	FME	City of Dallas Dam Program - Bachman Lake Dam	City of Dallas	
031000442	4	FME	FME	City of Dallas Dam Program - Cherrybrook Lake Dam	City of Dallas	
031000443	4	FME	FME	City of Dallas Dam Program - Hatfield Branch Detention Dam	City of Dallas	
031000444	4	FME	FME	City of Dallas Dam Program - Kidd Springs Lake Dam	City of Dallas	
031000445	4	FME	FME	City of Dallas Dam Program - Lake Cliff Dam	City of Dallas	
031000446	4	FME	FME	City of Dallas Dam Program - Lake Simonds Dam	City of Dallas	
031000447	4	FME	FME	City of Dallas Dam Program - White Rock Lake Dam	City of Dallas	
031000448	4	FME	FME	City of Dallas Dam Program - Woody Branch Dam	City of Dallas	
031000449	4	FME	FME	City of Dallas Dam Program - Emerald Lake Dam	City of Dallas	
031000450	4	FME	FME	City of Dallas Dam Program - Forney Dam	City of Dallas	
031000451	4	FME	FME	City of Dallas Dam Program - Tawakoni Balancing Reservoir	City of Dallas	
031000452	4	FME	FME	Stewart Creek & Legacy Gabion Repair	Frisco	
031000453	4	FME	FME	Edgewood	Frisco	
031000454	4	FME	FME	Regional Detention Study on Poindexter Creek	Copper Canyon	
n/a	4	FME	N/A	City of Huntsville – Elkins Lake Watershed	Huntsville	Submitted to Region 6
n/a	4	FME	N/A	City of Huntsville – Spring Lake Watershed	Huntsville	Submitted to Region 6
031000455	4	FME	FME	Downtown Floodplain Mapping and Reclamation Improvements Evaluation	Lindsay	

Region 3 - Trinity RFP - Task 12 - FMX Work Order Plan

FMX ID	FMP Tier	Initial FMX Classification	Final FMX Classification	FMX Name	Sponsor	Comments
031000456	4	FME	FME	Preliminary Engineering Study for Mary's Creek Mitigation for Fort Worth Floodway and Central City	Tarrant Regional Water District	
031000457	4	FME	FME	Kaufman-Van Zandt SWCD Watershed-wide Dam Evaluations	Kaufman-Van Zandt Soil and Water Conservation District (SWCD)	
031000458	4	FME	FME	Upper Elm-Red SWCD Watershed-wide Dam Evaluations	Upper Elm-Red Soil and Water Conservation District (SWCD)	
031000459	4	FME	FME	Collin County SWCD Watershed-wide Dam Evaluations	Collin County Soil and Water Conservation District (SWCD)	
031000460	4	FME	FME	Fannin SWCD Watershed-wide Dam Evaluations	Fannin Soil and Water Conservation District (SWCD)	
031000461	4	FME	FME	Cooper Creek Drainage Study	Denton	
031000462	4	FME	FME	Jack SWCD Watershed-wide Dam Evaluations	Jack Soil and Water Conservation District (SWCD)	
031000463	4	FME	FME	Denton SWCD Watershed-wide Dam Evaluations	Denton Soil and Water Conservation District (SWCD)	
031000464	4	FME	FME	Dalworth SWCD Watershed-wide Dam Evaluations	Dalworth Soil and Water Conservation District (SWCD)	
031000465	4	FME	FME	Upper Sabine SWCD Watershed-wide Dam Evaluations	Upper Sabine Soil and Water Conservation District (SWCD)	
031000466	4	FME	FME	Arlington Johnson Creek - Pioneer Parkway and Collins Street Buyout at Johnson Creek	Arlington	
031000467	4	FME	FME	Floodplain Evaluation of Kings Branch and Farmers Branch	Westworth Village	
031000468	4	FME	FME	Wise SWCD Watershed-wide Dam Evaluations	Wise Soil and Water Conservation District (SWCD)	
031000469	4	FME	FME	Trinity Basin Assessment of Flood Mitigation and Performance of Nature-based Solutions	The Nature Conservancy (TNC)	
031000470	4	FME	FME	City of Normangee Watershed-wide Dam Evaluations	City of Normangee	
031000471	4	FME	FME	Tri-City Gully Improvements Study	Chambers County	Submitted from FIF Study
031000472	4	FME	FME	Skylane Gully Improvements Study	Chambers County	Submitted from FIF Study
031000473	4	FME	FME	Point Barrow Gully Improvements Study	Chambers County	Submitted from FIF Study
031000474	4	FME	FME	Cedar Gully Improvements Study	Chambers County	Submitted from FIF Study
031000475	4	FME	FME	Hackberry Gully Improvements Study	Chambers County	Submitted from FIF Study
031000476	4	FME	FME	Spring Creek Gully Improvements Study	Chambers County	Submitted from FIF Study
031000477	4	FME	FME	Cotton Bayou Improvements Study	Chambers County	Submitted from FIF Study
031000478	4	FME	FME	Floodplain Mapping Updates of Bakers Branch Tributary 1	Flower Mound	
031000479	4	FME	FME	Floodplain Mapping Updates of Bakers Branch Tributary 2	Flower Mound	
031000480	4	FME	FME	Floodplain Mapping Updates of Bakers Branch	Flower Mound	
031000481	4	FME	FME	Floodplain Mapping Updates of Graham Branch Tributary 3	Flower Mound	
031000482	4	FME	FME	Floodplain Mapping Updates of Graham Branch Tributary 9	Flower Mound	
031000483	4	FME	FME	Floodplain Mapping Updates of Graham Branch Tributary 10	Flower Mound	
031000484	4	FME	FME	Floodplain Mapping Updates of Graham Branch	Flower Mound	
031000485	4	FME	FME	Floodplain Mapping Updates of McKamy Creek	Flower Mound	
031000486	4	FME	FME	Floodplain Mapping Updates of Sharps Branch Tributary 3	Flower Mound	
031000487	4	FME	FME	Floodplain Mapping Updates of Sharps Branch	Flower Mound	

Region 3 - Trinity RFP - Task 12 - FMX Work Order Plan

FMX ID	FMP Tier	Initial FMX Classification	Final FMX Classification	FMX Name	Sponsor	Comments
031000488	4	FME	FME	Floodplain Mapping Updates of Stream SB-1 Tributary 1	Flower Mound	
031000489	4	FME	FME	Floodplain Mapping Updates of Stream SB-1 Tributary 2	Flower Mound	
031000490	4	FME	FME	Floodplain Mapping Updates of Stream SB-1	Flower Mound	
031000491	4	FME	FME	Floodplain Mapping Updates of Stream WB-1	Flower Mound	
031000492	4	FME	FME	Floodplain Mapping Updates of Stream WC-1	Flower Mound	
031000493	4	FME	FME	Floodplain Mapping Updates of Stream WC-3	Flower Mound	
031000494	4	FME	FME	Floodplain Mapping Updates of Stream WC-4	Flower Mound	
031000495	4	FME	FME	Floodplain Mapping Updates of TC-2 Tributary 2	Flower Mound	
031000496	4	FME	FME	Floodplain Mapping Updates of TC-2 Tributary 4	Flower Mound	
031000497	4	FME	FME	Floodplain Mapping Updates of Timber Creek Tributary 9	Flower Mound	
031000498	4	FME	FME	Floodplain Mapping Updates of Timber Creek Tributary 10	Flower Mound	
031000499	4	FME	FME	Floodplain Mapping Updates of Timber Creek Tributary 11	Flower Mound	
031000500	4	FME	FME	Floodplain Mapping Updates of Timber Creek Tributary 13	Flower Mound	
031000501	4	FME	FME	Floodplain Mapping Updates of Timber Creek Tributary 16	Flower Mound	
031000502	4	FME	FME	Floodplain Mapping Updates of Timber Creek Tributary 17	Flower Mound	
031000503	4	FME	FME	Floodplain Mapping Updates of Timber Creek Tributary 18	Flower Mound	
031000504	4	FME	FME	Floodplain Mapping Updates of Tributary C to Timber Creek	Flower Mound	
031000505	4	FME	FME	Floodplain Mapping Updates of Unnamed 4	Flower Mound	
031000506	4	FME	FME	Floodplain Mapping Updates of Unnamed 5 Tributary 1.2	Flower Mound	
031000507	4	FME	FME	Floodplain Mapping Updates of Unnamed 5 Tributary 1	Flower Mound	
031000508	4	FME	FME	Floodplain Mapping Updates of Unnamed Tributary to Bakers Branch	Flower Mound	
031000509	4	FME	FME	Floodplain Mapping Updates of WB-1 Tributary 1	Flower Mound	
031000510	4	FME	FME	Floodplain Mapping Updates of Whites Branch Tributary 2.1	Flower Mound	
031000511	4	FME	FME	Floodplain Mapping Updates of Whites Branch Tributary 2	Flower Mound	
031000512	4	FME	FME	Floodplain Mapping Updates of Whites Branch	Flower Mound	
031000513	4	FME	FME	Floodplain Mapping Updates of Wichita Chase Tributary	Flower Mound	
031000514	4	FME	FME	Floodplain Mapping Updates of Wichita Creek	Flower Mound	
031000515	4	FME	FME	Hydrologic Updates of Town Wide Fully Developed Hydrology	Flower Mound	
031000516	4	FME	FME	Kaufman County Countywide Drainage Study - Phase 2	Kaufman County	Submitted from FIF Study
031000518	4	FME	FME	Copper Canyon Master Drainage Plan/Study	Copper Canyon	
031000517	4	FME	FME	Phase #2 of Stormwater Master Plan	Denton	
032000147	N/A	FMS	FMS	Balch Springs Buyout	Balch Springs	
032000146	N/A	FMS	FMS	Trinity Basin Stakeholder Nature-based Solutions Project Planning and Analysis	The Nature Conservancy (TNC)	

Amended Plan FMP Summary

- 49 New FMPs

New FMP Types	Total FMP Count
Flood Warning Systems	2
Infrastructure (channels, ditches, ponds, stormwater pipes)	27
Storm Drain Improvements	11
Property Acquisition & Structural Elevation	3
Regional Detention	3
Dam Improvements	2
Low Water Crossings / Bridge Improvements	1

- **SPO** 20 New FMPs converted to New FMEs to keep as an action within Amended Plan
 - City of Arlington (1)
 - City of Burleson (5)
 - City of Dallas (2)
 - City of Garland (3)
 - City of Irving (2)
 - City of Terrell (5)
 - City of Waxahachie (2)
- 1 New FMP not recommended
 - Project could not be matched with a plan goal

Final Plan FMP Impacts

Flood Exposure*	Existing Conditions	After FMP Implementation	Exposure Reduction from FMPs
Exposed structures	792	530	262
Exposed population	17,788	6,272	11,516
Exposed LWCs	9	8	1
Number of road closure occurrences	253	190	63
Road length (mile)	13	2	11

Amended Plan FMP Impacts

Flood Exposure*	Existing Conditions	After FMP Implementation	Exposure Reduction from FMPs
Exposed structures	5,084	3,102	1,982
Exposed population	45,691	25,880	19,811
Exposed LWCs	129	91	38
Number of road closure occurrences	950	604	346
Road length (mile)	154	97	57

Region 3 - Trinity RFP - Amended Plan FMP Voting Handout

FMP ID	FMP Name	Description	Project Type	Sponsor	Pre-Project Level-of-Service	Post-Project Level-of-Service	BCR	TC Recommends	Reason for Not Recommending Action
033000032	Zoo Creek Storm Drain Flood Mitigation (Sandage)	Construction of Conveyance - Sandage Relief Line Phases 1 & 2 from the 2018 Zoo Creek Storm Drain Flood Mitigation Study Report. Project includes upsizing storm drain lines and installation of a riprap basin.	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Fort Worth	5-yr	100-yr	0.2	Y	
033000037	Project 1 - Point North Parkway System	Prairie Creek; ≈450' channel improvements to lower HGL; proposed RCBC storm sewer main crossing Point N PKWY; new wingwalls; and added 100 LF inlet capacity to reduce sedimentation at Synergy Park Boulevard culverts and reduce flood depths at Point N PKWY	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Richardson	10-yr	100-yr	0.0	Y	
033000038	Project 4 - Big Horn Lane/Canyon Creek Drive system	Prairie Creek; Replace existing storm sewer main between Big Horn Lane & Canyon Creek Drive with larger 36" & 48" storm sewer; added 70 LF inlet capacity to reduce the flooding along Big Horn Lane, Canyon Creek Drive & Canyon Creek Country Club property	Storm Drain Improvements	Richardson	5-yr	100-yr	0.0	Y	
033000039	Project 6 - Valley Forge Street System	Prairie Creek; Parallel culvert crossing KCS Railroad; concrete flume from cul-de-sac to alley parallel to KCS Railroad; replaces existing storm sewer main with 36" & 60" storm sewer; new wingwalls & added 50 LF inlet capacity to keep floodwater in ROW	Storm Drain Improvements	Richardson	10-yr	100-yr	0.0	Y	
033000040	Project 8 - Lower Canyon Creek Drive System	Prairie Creek; Replaces the existing storm sewer with larger 24", 36" and 42" storm sewer along Lower Canyon Creek Drive; new 42" storm sewer; and additional 70 LF inlet capacity to keep floodwaters within the road ROW	Storm Drain Improvements	Richardson	25-yr	100-yr	0.0	Y	
033000041	Project 9 - Grandview Drive System	Prairie Creek; Replaces the existing storm sewer with larger storm sewer along Grandview Drive; new wingwalls; and additional 100 LF inlet capacity to keep floodwaters within the road ROW	Storm Drain Improvements	Richardson	5-yr	100-yr	0.0	Y	
033000042	Project 16 - Valley Glen drive System	Prairie Creek; Parallel storm sewer along the existing storm sewer alignment and extends the existing system further downstream; new storm sewer; and additional 230 LF inlet capacity to reduce the flooding along Valley Glen Drive and Pleasant Valley Lane	Storm Drain Improvements	Richardson	10-yr	100-yr	0.0	Y	
033000043	Project 19 – Pebblebrook Circle System	Prairie Creek; Replaces the existing storm sewer with larger 36" storm sewer near Pebblebrook Circle; new 30" storm sewer; and additional 30 LF inlet capacity to keep floodwaters within the road ROW	Storm Drain Improvements	Richardson	25-yr	100-yr	0.0	Y	
033000044	Project 2 – Campbell Road System	Cottonwood Creek; Replaces the existing storm sewer main with a larger 30" storm sewer; includes the addition of a 36" and 42" parallel storm sewer; and additional 50 LF inlet capacity near Campbell Road to keep floodwaters within the road ROW	Storm Drain Improvements	Richardson	10-yr	100-yr	0.0	Y	
033000045	Project 6 – Wisteria Way Circle at Timberlake Circle	Cottonwood Creek; Replace portion of storm sewer system with larger 30" RCP storm sewer & propose RCBC underground system connecting to stub out adjacent to Pinehurst Drive and Wisteria Way; & added 120 LF inlet capacity keeps floodwaters within road ROW	Storm Drain Improvements	Richardson	2-yr	100-yr	0.0	Y	
033000046	Project 14 – Ridgeway Circle and Ridgeway Drive System	Cottonwood Creek; 42" RCP storm sewer system addition extending to Dover Drive; 42" and 54" replacement of the existing storm sewer in Ridgeway Circle; and additional 70 LF inlet capacity to reduce flood depths at Dover Drive	Storm Drain Improvements	Richardson	50-yr	100-yr	0.0	N	Sponsor is no longer interested
033000047	Project 15 – James Drive and Weatherred Drive System	Cottonwood Creek; 48" RCP diversion along Weatherred Drive; replaces the existing storm sewer system with larger RCBC storm sewer near James Drive; and additional 65 LF inlet capacity to reduce the flood depths along James Drive and Bristol Court	Storm Drain Improvements	Richardson	5-yr	100-yr	0.0	N	Sponsor is no longer interested
033000048	Project 25 – Improvements Within Lindale Branch Basin	Five inter-dependent sub-projects to upgrade existing storm sewer systems or install parallel systems in the Lindale Branch within Cottonwood Creek system.	Storm Drain Improvements	Richardson	2-yr	100-yr	0.0	N	Sponsor is no longer interested

Region 3 - Trinity RFP - Amended Plan FMP Voting Handout

FMP ID	FMP Name	Description	Project Type	Sponsor	Pre-Project Level-of-Service	Post-Project Level-of-Service	BCR	TC Recommends	Reason for Not Recommending Action
033000049	10' X 4.5' Culvert at Glenville Drive	Huffhines Creek; Adding one 10-ft by 4.5-ft RCBC to the existing four 10-ft by 4.5-ft RCBC for a total of five culverts will allow for the 10-year and 50-year LOS. A viable solution for the 100-year storm was not determined.	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Richardson	5-yr	50-yr	0.0	N	Sponsor is no longer interested
033000050	2-9' X 7' Culverts Plano Road	Huffhines Creek; Adding two 9-ft by 7-ft RCBC on both overbanks of the existing five 9-ft by 7-ft RCBC for a total of seven culverts allows the 100-year storm event to pass through the culverts without overtopping the roadway.	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Richardson	10-yr	100-yr	0.0	N	Sponsor is no longer interested
033000051	10' X 8' Culvert at St Johns Drive	Huffhines Creek; Adding one 10' x 8' RCBC to the existing 6- 10' x 8' RCBC for a total of 7 culverts will allow for the 10-yr & 50-yr LOS. Added box culvert allows the 50-yr to pass. Additional culverts are not advised due to tailwater constraints.	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Richardson	5-yr	50-yr	0.0	N	Sponsor is no longer interested
033000052	3-10' X 8' Culverts at Yale Blvd.	Huffhines Creek; Adding three 10-ft by 8-ft RCBC to the existing six 10-ft by 8-ft RCBC for a total of nine culverts will allow the 100-year storm event to pass through the culverts without overtopping the roadway.	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Richardson	50-yr	100-yr	0.0	N	Sponsor is no longer interested
033000053	Sub-project A1 - Glenville Drive/College Park Area Improvements	Huffhines Creek; A 20-acre-ft (35,100 cubic yards of cut) detention pond is proposed at the intersection of Windsong Trail and Glenville Drive at the existing open channel to mitigate peak discharges downstream.	Regional Detention	Richardson	N/A	100-yr	0.0	N	Sponsor is no longer interested
033000054	Sub-project A2 - Improvements along Glenville Drive	bypass storm sewer along Glenville Drive from Windsong Trail to Huffhines Creek to alleviate existing system. ≈1,860 LF of 12-ft by 6-ft RCBC will tie into the detention pond (Sub-project A1). replace ≈160 LF of 27" RCP with 60" RCP, 130 LF new inlet	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Richardson	2-yr	100-yr	0.0	N	Sponsor is no longer interested
033000055	Sub-project A3 - College Park Bypass	Huffhines Creek; relief system to accommodate increase discharges from US improvements. ≈1,290 LF of 5' x 10' RCBC & 1,200 LF of 5' x 8' RCBC is proposed along median of Glenville Drive to the outfall of the proposed detention pond from Sub-project A1.	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Richardson	2-yr	100-yr	0.0	N	Sponsor is no longer interested
033000056	Sub-project A4 - College Park Improvements	Huffhines Creek; Replace 24" RCP with 450 LF of 42" RCP, 39" RCP with 130 LF of 4' x 4' RCBC, replace 42" RCP with 180 LF of 6' x 4' RCBC, 48" RCP with 310 LF of 8' x 5' RCBC, 330 LF of 9' x 5' RCBC, and 470 LF of 10' x 5' RCBC, new junction box.	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Richardson	< 2-yr	100-yr	0.0	N	Sponsor is no longer interested
033000057	Sub-project A5 - Annapolis Drive Improvements	Huffhines Creek; Replaces the undersized existing 36" RCP system with 5-ft by 4-ft RCBC and 4-ft by 3-ft RCBC. Add 60 LF of new inlet. The improved system will outfall into the proposed Glenville Drive Bypass (Sub-project A2) on Spring Valley Road	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Richardson	2-yr	100-yr	0.0	N	Sponsor is no longer interested
033000058	Sub-project A7 - Improvements along Windsong Trail	Huffhines Creek; Replaces existing 42", 48", and 54" RCP with 42 LF of 4-ft by 7-ft RCBC, 820 LF of 5-ft by 7-ft RCBC, 710 LF of 5-ft by 9-ft RCBC, and 90 LF of 6-ft by 10-ft RCBC. 40 LF of new inlet will be added.	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Richardson	2-yr	100-yr	0.0	N	Sponsor is no longer interested
033000059	Sub-project B3 - Midway, Coral, Surf, and Pacific Cul-de-Sac Improvements	Huffhines Creek; Replace storm sewer at Midway, Coral, Surf, and Pacific Cul-de-Sacs with larger culverts & 30 LF of inlets. 15" RCPs replaced by 170 LF of 36" RCP & 310 LF of 3' x 2' RCB; 33", 36", and 42" RCP will be replaced by 475 LF of 6' x 4' RCBC.	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Richardson	5-yr	100-yr	0.0	N	Sponsor is no longer interested
033000060	Sub-project C3 - Spring Valley at Towne House Lane	Huffhines Creek; replaces the existing 18" RCP with 60 LF of 4-ft by 3-ft RCBC and 290 LF of 6-ft by 3-ft RCBC. 30 LF of new inlet will be added.	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Richardson	5-yr	100-yr	0.0	N	Sponsor is no longer interested
033000061	Sub-project D1 - Glenville Drive Improvements at Pacific Drive	Huffhines Creek; 60 LF of inlet to lower flooding along Pacific Drive & Glenville Drive, include 310 LF of 8' x 4' RCBC, 300 LF of 8' x 5' RCBC, replace 30" RCP with 270 LF of 8' x 5' RCBC, & replaces 36" RCP with 240 LF of 9' x 5' RCBC	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Richardson	2-yr	100-yr	0.0	N	Sponsor is no longer interested

Region 3 - Trinity RFP - Amended Plan FMP Voting Handout

FMP ID	FMP Name	Description	Project Type	Sponsor	Pre-Project Level-of-Service	Post-Project Level-of-Service	BCR	TC Recommends	Reason for Not Recommending Action
033000062	Hickory Creek Flood Protection - Alternative 1	Hickory Creek Drainage Improvements project 2022 update based on input from the City of Balch Springs. Alternative 1 involves storm water detention pond facilities & the removal of Stein Road at river station 54955 on Hickory Creek was included	Regional Detention	Balch Springs	<2-yr	25-yr	0.1	Y	
033000063	Hickory Creek Flood Protection - Alternative 2	Hickory Creek Drainage Improvements project 2022 update has input from the City of Balch Springs. Alternative 2 involves channel modifications on Hickory Creek & detention, & the removal of Stein Road at river station 54955 on Hickory Creek was included	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Balch Springs	<2-yr	25-yr	0.1	Y	
033000064	Hickory Creek Flood Protection - Alternative 3	Hickory Creek Drainage Improvements project 2022 update based on input from the City of Balch Springs. Alternative 3 involves levee protection with channel modifications & the removal of Stein Road at river station 54955 on Hickory Creek was included	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Balch Springs	<2-yr	50-yr	0.1	Y	
033000065	Town Creek [Tarrant Ave, Warren St, Johnson Ave, Newton Dr] Safety Improvement	Implement safety improvements including high-water warning flashers, staff gauges, flood hazard signs, and additional light fixtures at four crossings along Town Creek in Burleson: Tarrant Ave, Warren St, Johnson Ave, and Newton Dr.	Flood Early Warning Systems	Burleson	<2-yr	<2-yr	0.0	Y	
033000067	Ansley Dr. Storm Sewer System Improvement	Replace 1400 LF concrete drainage channel with storm sewer, 6 storm sewer inlets to replace curb cuts drain into existing channel, upgrading existing junction box for storm sewer, & pavement above proposed storm sewer between Burton Hill Road & Oaks Lane	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Westworth Village	1-yr	100-yr	0.1	Y	
033000068	Main A pump station and conveyance improvements	The proposed improvements include the rehabilitation and upsizing of Pump Station A, upsizing the North Travis Street Culverts to 5-8'x8' box culverts, and channel improvements along the Main A channel.	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Liberty County Water Control Improvement District #5	<5-yr	10-yr	4.0	Y	
033000069	Highland Ave. Drainage Improvements	Upsize Highland SD system from Sycamore St through W Marvin Ave to 10'x4' RCB & add 36" RCP at UPRR culvert. Acquire parcels along creek south of BNSF RR to detain 64,000 CY. Install drop inlet at Harding St. & W. Main St., & add 24" RCP along Highland	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Waxahachie	<1-yr	100-yr	2.1	Y	
033000070	Fairgrounds Detention Option 3	Detention upstream of Denton Center Shopping Mall along North Pecan Creek	Regional Detention	Denton	10-yr	100-yr	0.3	Y	
033000071	Design/Construction for Holland Lake Spillway	Upgrade dam to be able to pass the 25% PMF and meet TCEQ dam safety requirements. Add an emergency spillway through the right abutment of the dam along with raising the top of dam elevation.	Dam Improvements, Maintenance and Repair	Weatherford	<100-yr	100-yr	0.1	Y	
033000072	Elkins Lake Dam Rehabilitation	Modify dam to pass required 75% PMF and meet TCEQ criteria. Addition of two 60-in diameter culverts to the existing spillway and widening of vegetated approach channel. Raise the crest of the dam to 569.5 ft.	Dam Improvements, Maintenance and Repair	Dalworthington Gardens	>100-yr	>100-yr	0.1	Y	
033000073	Bonneville/Greenbrook Drainage Improvement	Proposed improvements include realignment of storm drain, upsizing of existing trunk lines, and addition of curb inlets through Greenbrook Dr and Huntwick. Includes construction of Downstream Channel Improvement Option 1 to offset negative impacts	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Arlington	N/A	N/A	0.1	Y	
033000074	Lebow Flood Mitigation Project	Improve storm water conveyance while minimizing impact on existing residential structures, maintain a 'no-rise' condition in the existing 100-yr WSE. The project includes: Section 404 permit, phased implementation, and utility relocations.	Regional Detention	Fort Worth	<1-yr	100-yr	1.5	Y	
033000075	Village Creek [Dobson St (CR 714)] Safety Improvements	Implement safety improvements including automatic closure gates with flashers on the north and south side of the floodplain, flood hazard signs and staff gauges at CR 714 along Village Creek in Burleson.	Flood Early Warning Systems	Burleson	<2-yr	<2-yr	0.0	Y	

Region 3 - Trinity RFP - Amended Plan FMP Voting Handout

FMP ID	FMP Name	Description	Project Type	Sponsor	Pre-Project Level-of-Service	Post-Project Level-of-Service	BCR	TC Recommends	Reason for Not Recommending Action
033000077	White Settlement Rd. Storm Sewer System Improvements	Upgrade of 1940 LF of existing storm sewer, 5 existing junction boxes, and 2 headwalls from east of Burton Hill Road to west of Tanny Street. Construction of 5 new inlets and 5 curb inlet extensions.	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Westworth Village	1-yr	100-yr	0.1	Y	
033000078	Main B pump station, detention, and conveyance improvements	The proposed improvements include the rehabilitation and upsizing of Pump Station B, upsize the culverts at North Travis Street, Milam Street and Woods Drive, and construction of a detention basin upstream of Main Street.	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Liberty County Water Control Improvement District #5	<2-yr	2-yr	1.8	Y	
033000079	Cordell Detention Pond (Rayzor Elementary School Pond)	Detention pond located on the intersection of W Univesity Drive and Malone Street along Pecan near Rayzor Elementary School. Pond capacity will be approximately 90 acre-feet with a surface area of approximately 12 acres.	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Denton	<10-yr	100-yr	0.1	Y	
033000081	Town Creek Warren Park Extension	This alternative proposes voluntary acquisitions of structures at risk of flooding and extending the existing Warren Park. This extension would include a park with walking paths, exercise pads, and a dog park.	Property or easement acquisition	Burleson	10-yr	10-yr	0.3	Y	
033000082	Project 18 - Waterview Dr. Re-Route	The project consists of replacing RCP with larger diameter RCP, constructing new RCBC, constructing additional curb inlets, and new junction boxes with manholes.	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Richardson	<100-yr	100-yr	0.0	Y	
033000083	Pumphrey Dr. Storm Sewer System Improvements	Upgrade of 280 LF of existing sewer, 2 existing inlets, and 1 headwall	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Westworth Village	1-yr	100-yr	0.0	Y	
033000084	Channel and Crossing Improvements on Redmond Creek south of the City of Ames	The proposed improvements include channel widening to a 5' bottom width and a trapezoidal shape with 4:1 side slopes. The primary crossing of Redmond Creek will be upsized to 4-8'x7' RCB and a crossing to the west will be upsized to a 2-3'x2' RCB.	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Liberty County Water Control Improvement District #5	<2-yr	2-yr	2.3	Y	
033000085	Harvest Hills Channel and Drainage Improvements	Option 2 (Briar Meadow Diversion) DS channel improvements gives a 100-year LOS to protect structures, uses larger pipes, channel widening for conveyance, 6 buyouts, positive overflow & separate outfalls of existing dual 48" RCPs. Total cost \$12,656,000.	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Arlington	2-yr	arland	0.2	Y	
033000086	Project 8A - Cheyenne Dr	Project 8a replaces existing storm sewer mains with larger storm sewers and increases the number of curb to gutter inlets to reduce flooding.	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Richardson	<100-yr	100-yr	0.1	Y	
033000087	Johnson Creek - Arkansas Lane and Pioneer Parkway Buyout at Johnson Creek	Property acquisition of approximately twenty four (24) structures along Arkansas Lane and Pioneer Parkway. No channel improvements planned.	Property or Easement Acquisition	Arlington	<100-yr	100-yr	0.1	Y	
033000088	Project 13 - Mimosa & Melrose Dr	Project 13 proposes upsizing existing storm sewer mains and laterals, adding parallel storm sewers, and adding additional curb to gutter inlets to eliminate the 140 cfs of uncollected flow going to the east, alleviating ponding at the intersection.	Storm Drain Improvements	Richardson	<100-yr	100-yr	0.0	Y	
033000089	Arlington Johnson Creek - Collins Street and Division Street Buyout	Property acquisition of approximately one hundred twenty four (124) structures along Collins Street and Division Street. No channel improvements planned.	Property or Easement Acquisition	Arlington	<100-yr	100-yr	0.0	Y	
033000090	Town Creek Railroad and S. Warren Street Improvements	This FMP includes improving the capacity of the crossing by adding a third 12' x 10' barrel to the RCB. This solution also includes raising S Warren St by 2.5' and increasing the capacity of the crossing.	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Burleson	10-yr	100-yr	0.2	Y	
033000091	Saturn Springs Estates Drainage Improvements	Creek improvements such as gabions and walls to protect utilities, structures, and high-velocity areas from erosion and storm drain improvements such as upsized lines, additional laterals, regraded alleyways, and new curb and gutter along several roads.	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Garland	2-yr	100-yr	0.1	Y	

Region 3 - Trinity RFP - Amended Plan FMP Voting Handout

FMP ID	FMP Name	Description	Project Type	Sponsor	Pre-Project Level-of-Service	Post-Project Level-of-Service	BCR	TC Recommends	Reason for Not Recommending Action
033000092	Terrell KC1 Watershed Drainage Improvements	Implement and upsize storm drain on Brin St, College St, Rochester St, & Gardner St. Add additional drainage crossing at SH 34. Place inlets at every intersection to capture additional runoff. Upsize railroad crossing and improve adjacent channel.	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Terrell	<5-yr	100-yr		Y	
033000093	Design/Construction for S. Holland Channel Retention Pond	Design/Construction for S. Holland Channel Retention Pond	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Weatherford	N/A	N/A	0.0	N	Does not align with RFP goals
033000094	Lois Branch Main Channel Improvements	Study that models Lois branch and proposed channel improvements along the existing concrete channel along with upsizing culverts to eliminate structural flooding along Lois Branch.	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Richardson	<100-yr	100-yr	0.0	Y	
033000095	DMP Phase 1: Kirven Avenue (Project 1)	Supplement existing storm drain system with additional parallel system near the intersection of Almond St and Sycamore St that extends downstream along Harbin Ave to the existing Marvin Ave outfall. Upsize Marvin Ave to 8' x 7' RCB outfall.	Storm Drain Improvements	Waxahachie	<5-yr	100-yr		Y	
033000096	Estates Drive Bridge Replacement	Replace Estates Drive Bridge over Poindexter Creek	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Copper Canyon	2-yr	100-yr	0.1	Y	
033000097	PEC-4 Phases 3&4	Install 3,200 linear ft of 10'x8', 12'x8', and 16'x8' underground box culvert from the intersection with Phase 2 at Prairie following the PEC 4 Tributary and then traveling down Mulberry to Bernard. Box culvert will contain the 100-yr floodplain.	Storm Drain Improvements	Denton	<100-yr	100-yr	0.1	Y	
033000098	Kingstree Rd Drainage Improvements	Proposed bridge installation over creek crossing on Kingstree Road to reduce roadway overtopping during storm events. Includes creek channel grading improvements.	Low Water Crossing or Bridge Improvement	Kaufman County	<2-yr	10-yr	0.4	Y	
033000100	Arlington Upper Village VC(A)-5 Channel and Culvert Improvements	Proposed improvements include upsizing RCBC, replacing existing concrete-lined trapezoidal channel with 20' wide, 7' deep rectangular channel, and transitions downstream of Bowman Springs Road crossing and upstream of Crossgate Court crossing.	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Arlington	1-yr	100-yr	0.0	Y	
033000101	Channel improvement on Brockbank Channel Basin north of SH 183	3 phases: Brockbank Open Channel Improvements, Phase 1 Rochelle Place Closed System Trunk Line improvements, and Phase 2 Rochelle Road Laterals. There are 2 alternatives for the trunk line improvements phase.	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Irving	<50-yr	100-yr	0.1	Y	
033000107	Plantation Ridge Channel Improvements	Proposed 40' natural channel connecting Prairie Meadow and Helms Trail. Also includes significant improvements to culverts and new drainage ditches to protect residential lots from offsite flooding.	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Kaufman County	<2-yr	10-yr	1.3	Y	
033000108	CR-243 Drainage Improvements	Proposed culvert upgrades and roadside drainage ditch improvements to reduce roadway overtopping along County Road 243.	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Kaufman County	<2-yr	100-yr	0.6	Y	
033000109	Valley View/Ravenhill-Devonshire Drainage Improvements	Proposed culvert upgrades and grading improvements to reduce roadway overtopping along Valley View Road and Ranch Road near Ravenhill Road intersection.	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Kaufman County	<10-yr	100-yr	0.6	Y	
033000110	CR-4116 Drainage Improvements	Proposed upgrades to roadway drainage ditches and culverts along CR4116 to reduce structural inundation on both sides of the road. Includes additional collection channels to direct flow around existing structures.	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Kaufman County	<2-yr	100-yr	0.1	Y	



Amended Plan FME Summary

- 165 New FMEs

New FME Types	Total FME Count
Project Planning	95
Watershed Planning	49
Other	21

- 18 New Sponsors

- 9 Soil and Water Conservation Districts (SWCDs)
- 7 Municipalities
 - Town of Flower Mound
 - City of Terrell
 - Town of Normangee
 - City of Westworth Village
 - City of Frisco
 - City of Richardson
 - City of Arlington
- 1 Water District
 - Tarrant Regional Water District (TRWD)
- 1 Non-Profit
 - The Nature Conservancy (TNC)

Region 3 - Trinity RFP - Amended Plan FME Voting Handout

FME ID	FME Name	Description	Study Type	Sponsor	TC Recommends	Reason for Not Recommending Action
31000359	Arlington California Lane Drainage Improvements	Study to determine mitigation options in order to implement California Lane Drainage Improvement alternatives from March 2020 report. Alternative est const cost = \$11,722,000	Project Planning	Arlington	Y	
31000360	Peaks Branch Upper Basin Relief System (RL Area 13)	Drainage relief system for Peaks Branch watershed from Buckner Park north to M Streets; continuation of Middle Peaks Branch Phases I & II	Project Planning	Dallas	Y	
31000361	North Delaware Creek Phases 2 & 3	Study to devise channel modifications on North Delaware Creek from upstream at Finley St downstream at Henry Dr	Project Planning	Irving	Y	
31000362	Willow Creek Wilshire Blvd (SH 174) Improvements	Study to devise channel modifications of Willow Creek to prevent flooding downstream of the Wilshire Blvd crossing	Project Planning	Burleson	Y	
31000363	Western Heights Drainage Improvements	Study to determine mitigation options in order to implement Western Heights Drainage Improvements from report dated Sept 2019	Project Planning	Garland	Y	
31000364	Terrell BC1 Watershed Drainage Improvements	Study to alleviate flooding by implementing culverts and channel improvements throughout watershed area including West End Drive, UPRR crossing, the nearby park and cemetery, and US 80	Project Planning	Terrell	Y	
31000365	DMP Phase 2: Dunlap	Evaluation of culvert and channel modifications to alleviate flooding in the study area. Area expanded to include Dunlap St storm sewer, Henry St culvert, and railroad crossing to Rock Spring Branch.	Project Planning	Waxahachie	Y	
31000366	Stream 7C2 Channel Improvements	Evaluation of possible culvert and channel improvements beneath Loop 12 to alleviate flooding along stream 7C2	Project Planning	Irving	Y	
31000367	Village Creek CR 802 (east) Improvements	Evaluation of possible culvert improvements to prevent overtopping of CR 802 at Village Creek crossings	Project Planning	Burleson	Y	
31000368	Drainage Improvements for Stream 2C5, Keen Creek, From North Barnes Drive to North Yale Drive	Study to determine mitigation options needed to implement Drainage Improvements from Stream 2C5 (Keen Creek)	Project Planning	Garland	Y	
31000369	Terrell KT1 Watershed Drainage Improvements	Study to reduce watershed deficiencies by implementing drainage improvements along University Street and channel improvements along Airport Road.	Project Planning	Terrell	Y	
31000370	Village Creek CR 802 (west) Improvements	Evaluation of possible roadway and culvert improvements to prevent overtopping of CR 802 at Village Creek crossings	Project Planning	Burleson	Y	
31000371	Terrell KC5 Watershed Drainage Improvements	Evaluation of possible culvert improvements at the railroad spur and channel improvements downstream of railroad spur to tie in with Oldcastle improvements	Project Planning	Terrell	Y	
31000372	Shannon Creek - Culvert to Main Stem Shannon Creek	Study to assess the implementation of additional culverts and channel improvements to prevent overtopping of John Jones Dr.	Project Planning	Burleson	Y	
31000373	Terrell BC5 Watershed Drainage Improvements	Study to mitigate residential sheet flow in the Terrell BC5 watershed through a storm drain added onto Brookhollow Drive, channel improvements between backyard property lines, and proposed storm drain improvements on Davidson Street .	Project Planning	Terrell	Y	
031000374	Centerville Market Place Drainage Improvements	Study to determine viability of green improvements and mitigation to offset implementation of proposed alternatives from the Centerville Marketplace Report from May 2015	Project Planning	Garland	Y	
031000375	Miami Drive Drainage Improvements	Stream bank erosion evaluation and investigation of other repair or restoration options for Stream 2C-1 parallel to Miami Drive	Project Planning	Garland	Y	
031000376	Project 14 – Ridgeway Circle and Ridgeway Drive System	Study to reduce flooding at residential structures along Laguna Drive by replacing undersized storm sewer and constructing additional curb inlets. Est const cost = \$1,700,000	Project Planning	Richardson	Y	
031000377	Project 15 – James Drive and Weatherred Drive System	Study to reduce flooding at residential structures along James Drive and Blue Lake Circle by replacing undersized storm sewer and constructing additional curb inlets. Est const cost = \$1,705,000	Project Planning	Richardson	Y	
031000378	10' X 4.5' Culvert at Glenville Drive	Study to eliminate overtopping for Huffhines Creek at Glenville Drive crossing for 10-year storm event and above by constructing an additional barrel. Est const cost - \$\$827,000	Project Planning	Richardson	Y	

Region 3 - Trinity RFP - Amended Plan FME Voting Handout

FME ID	FME Name	Description	Study Type	Sponsor	TC Recommends	Reason for Not Recommending Action
031000379	2-9' X 7' Culverts Plano Road	Study to eliminate overtopping for Huffhines Creek at Plano Road crossing for a 100-year storm event by constructing two additional barrels. Est const cost = \$1,459,000	Project Planning	Richardson	Y	
031000380	10' X 8' Culvert at St Johns Drive	Study to eliminate overtopping for Huffhines Creek at St. John's Drive crossing for 10-year storm event and above by constructing an additional barrel. Est const cost = \$1,623,000	Project Planning	Richardson	Y	
031000381	3-10' X 8' Culverts at Yale Blvd.	Study to eliminate overtopping for Huffhines Creek at Yale Boulevard crossing for a 100-year storm event by constructing three additional barrels. Est const cost = \$950,000	Project Planning	Richardson	Y	
031000382	Sub-project A4 - College Park Improvements	Study to reduce flooding along College Park Boulevard and adjacent streets by replacing undersized storm sewer. Est const cost = \$2,458,000	Project Planning	Richardson	Y	
031000383	Sub-project A5 - Annapolis Drive Improvements	Study to reduce flooding along Annapolis Drive and spill to College Park Boulevard by replacing undersized storm sewer. Est const cost = \$1,349,000	Project Planning	Richardson	Y	
031000384	Sub-project A7 - Improvements along Windsong Trail	Study to reduce flooding along Windsong Trail and spill to Glenville Drive by replacing undersized storm sewer. Est. const. cost = \$2,456,000	Project Planning	Richardson	Y	
031000385	Sub-project C3 - Spring Valley at Towne House Lane	Study to reduce flooding Spring Valley Road and overflow to Towne House Lane by replacing undersized storm sewer.	Project Planning	Richardson	Y	
031000386	Arlington Bowman Branch - Mansfield Webb Road Main Stem Crossing Improvements	Study to evaluate existing Mansfield Webb Road crossing and propose up to three (3) alternatives.	Project Planning	Arlington	Y	
031000387	Arlington Bowman Branch - Spring Miller Court Crossing Improvements	Proposed project to reduce flooding Spring Miller Court Crossing by constructing an additional culvert barrel.	Project Planning	Arlington	Y	
031000388	Arlington Cottonwood Creek at Park Row Buyout	Property acquisition at Park Row. There are no channel improvements planned.	Project Planning	Arlington	Y	
031000389	Arlington North Fish Creek Detention between Allen Avenue & SH 360	Detention of peak flows for Harvest Hills and Briar neighborhood in order to reduce or eliminate downstream channel improvements. Two (2) alternatives proposed.	Project Planning	Arlington	Y	
031000390	Arlington Mayfield Road Channel & Culvert Improvements at Tributary NF-1	Study to improve downstream channel improvements and constructing additional barrels along Mayfield Road and North Fish Creek due to the increase in flows from the proposed storm drain improvements.	Project Planning	Arlington	Y	
031000391	Arlington Cottonwood Creek at Sherry Street Crossing Improvements	Flood study evaluating three (3) alternatives which preserve access to the existing fire station while reducing flooding at this crossing.	Project Planning	Arlington	Y	
031000392	Arlington Johnson Creek - JC-2 at Pioneer Parkway and Center Street Buyout	Property acquisition of thirty (30) structures at Pioneer Parkway and Center Street. No channel improvements planned.	Project Planning	Arlington	Y	
031000393	Arlington Johnson Creek Storm Drain Upgrades on JC-9	Proposed storm drainage upgrades to system draining to JC-9.	Project Planning	Arlington	Y	
031000394	Arlington Johnson Creek - JC-9 Channel Rehabilitation from Cooper to Sanford	Proposed channel rehabilitation at Cooper to Sanford for Stream JC-9.	Project Planning	Arlington	Y	
031000395	Arlington Johnson Creek - JC-9 at Collins Street Culvert Improvements	Proposed culvert improvements at Collins Street for stream JC-9	Project Planning	Arlington	Y	
031000396	Arlington Johnson Creek - JC-10 Buyouts	Acquisition of nineteen (19) structures. No channel improvements planned. Est buyout cost = \$2,126,000	Project Planning	Arlington	Y	
031000397	Arlington Johnson Creek - JC-12 Buyouts	Removal of four (4) structures in the 100-year floodplain along stream JC-11. No channel improvements planned. Est buyout cost = \$1,599,000	Project Planning	Arlington	Y	
031000398	Arlington Rush Creek - Warehouse Buyout and Floodplain Restoration	Buyout and demolition of a 22,150 square foot warehouse and sire adjacent to Upper Rush Creek. Flood study to evaluate feasibility of floodplain restoration through warehouse acquisition. Anticipated acquisition & construction cost = \$8,107,000	Project Planning	Arlington	Y	
031000399	Arlington Upper Village VC(A)-4 at Orchard Hill Drive Crossing Improvements	Proposed crossing improvements at Shorewood Drive.	Project Planning	Arlington	Y	
031000400	Arlington Upper Village VC(A)-6 at Shorewood Drive Crossing Improvements	Flood study improving Shorewood Drive Crossing using the fully developed condition as the effective maps.	Project Planning	Arlington	Y	
031000401	Hulen Street/Railroad Conceptual Bridge Span Layout	Study to assess the implementation of a 2-span, 34' wide bridge on Hulen st	Project Planning	Burleson	Y	

Region 3 - Trinity RFP - Amended Plan FME Voting Handout

FME ID	FME Name	Description	Study Type	Sponsor	TC Recommends	Reason for Not Recommending Action
031000402	City of Decatur - S. Sendero/S/ Workman Rd Drainage Improvements	Proposed storm sewer improvements along South Workman Road and South Sendero Road by upsizing existing lines and constructing additional inlets. Anticipated const. cost = \$1,285,148	Project Planning	Decatur	Y	
031000403	City of Decatur - S. FM 51 (West Side)	Proposed channel improvements along the west side of South FM-51.	Project Planning	Decatur	Y	
031000404	Dallas County Inland Port Drainage Improvements - Creek (4B4) - Austin St.	Study to alleviate overtopping during the 100-yr storm event via implementation of an enlarged/parallel culvert at Austin Street	Project Planning	Dallas County	Y	
031000405	Dallas County Inland Port Drainage Improvements - Creek (4B4) - Crestridge Dr.	Study to alleviate overtopping during the 100-yr storm event via implementation of an enlarged/parallel culvert at Crestridge Dr.	Project Planning	Dallas County	Y	
031000406	Dallas County Inland Port Drainage Improvements - Creek (4B4) - Denton Street.	Study to alleviate overtopping during the 100-yr storm event via implementation of an enlarged/parallel culvert at Denton Street.	Project Planning	Dallas County	Y	
031000407	Dallas County Inland Port Drainage Improvements - Creek (4A4) - Goode Road.	Study to alleviate overtopping during the 100-yr storm event via implementation of a new Bridge at N. Goode Road	Project Planning	Dallas County	Y	
031000408	Dallas County Inland Port Drainage Improvements - Creek (4A4) - Fulghum Road.	Study to alleviate overtopping during the 100-yr storm event via implementation of a new Bridge at Fulghum Road	Project Planning	Dallas County	Y	
031000409	Dallas County Inland Port Drainage Improvements - Keller Branch Creek - W Main	Study to alleviate overtopping during the 100-yr storm event via implementation of a new Bridge at W Main	Project Planning	Dallas County	Y	
031000410	Dallas County Inland Port Drainage Improvements - Keller Branch Creek - N Jefferson	Study to alleviate overtopping during the 100-yr storm event via implementation of a new Bridge at N Jefferson	Project Planning	Dallas County	Y	
031000411	Dallas County Inland Port Drainage Improvements - Keller Branch Creek - Goode Road	Study to alleviate overtopping during the 100-yr storm event via implementation of a new Bridge at Goode Road	Project Planning	Dallas County	Y	
031000412	Dallas County Inland Port Drainage Improvements - Alta Mesa Branch - Tracy Road	Study to alleviate overtopping during the 100-yr storm event via implementation of a new Bridge at Tracy Road	Project Planning	Dallas County	Y	
031000413	Dallas County Inland Port Drainage Improvements -Alta Mesa Branch - Simpson St.	Study to alleviate overtopping during the 100-yr storm event via implementation of a new Bridge at Simpson Street	Project Planning	Dallas County	Y	
031000414	Pecan Acres Floodway Lot Acquisitions	Study for property acquisition of lots completely contained within FEMA floodway of Timber Creek within the Pecan Acres Subdivision.	Project Planning	Flower Mound	Y	
031000415	East Waketon Road Drainage Improvement	Study for the installation of a drainage channel between FM2499 culverts and Waketon Road culverts in combination with berm construction along the north side of Waketon Road.	Project Planning	Flower Mound	Y	
031000416	Garden Ridge Boulevard Bridge Erosion Stabilization	Study for the implementation of modifications to existing erosion protection to provide stabilization to erosive conditions at the Timber Creek crossing of the Garden Ridge Boulevard bridge.	Project Planning	Flower Mound	Y	
031000417	Jernigan Road Drop Inlet and Bar Ditch Improvements	Study for the installation of drop inlet structure and bar ditch grading located on Jernigan Road.	Project Planning	Flower Mound	Y	
031000418	Pecan Acres Drainage Improvements	Study for the removal and replacement of existing driveway approaches and culverts to allow for the regrading of roadway bar ditches for positive flow within the ROW of the Pecan Acres subdivision.	Project Planning	Flower Mound	Y	
031000419	Range Wood Drive, Kings Road & Lusk Lane Drainage Improvements	Study for the installation of a mixture of box culverts, storm piping and bar ditch grading along King Road, Lusk Lane and Range Wood Drive.	Project Planning	Flower Mound	Y	
031000420	Royal Oaks Curb Inlet Improvements	Study for modifications to inlet structures within the Royal Oaks subdivision to reduce bypass flow that reaches Dexter Court.	Project Planning	Flower Mound	Y	
031000421	Stream Bank Stabilization – Various Locations Town Wide	Study for the installation of erosion stabilization along stream banks in various locations in Flower Mound.	Watershed Planning	Flower Mound	Y	
031000422	Sunset Trail Drop Inlet and Outfall Improvement	Study for modifications to existing drop inlet structure and outlet piping located on Sharps Branch Tributary 1 to adequately convey upstream flows.	Project Planning	Flower Mound	Y	
031000423	Timber Creek Road Bridges Erosion Stabilization	Study for modifications to existing erosion protection to provide stabilization to erosive conditions at the Timber Creek crossing of the Timber Creek Road bridges.	Project Planning	Flower Mound	Y	
031000424	Rush Creek - RC1 Railroad Culvert and RC1A Channel Improvements	Feasibility Study of stream RC1 and RC1A to mitigate reported upstream flooding.	Project Planning	Arlington	Y	

Region 3 - Trinity RFP - Amended Plan FME Voting Handout

FME ID	FME Name	Description	Study Type	Sponsor	TC Recommends	Reason for Not Recommending Action
031000425	Joes Creek - West Fork Channel and Culvert Improvements	Floodplain study of Joes Creek for the purpose of evaluating flood hazards and establishing floodplain management criteria.	Watershed Planning	Dallas	Y	
031000426	Woody Branch Floodplain Management Study	Proposed minor channel rectification to alleviate the flooding of five (5) houses on Woody Branch, a tributary in Fivemile Creek.	Watershed Planning	Dallas	Y	
031000427	Ledbetter Branch Detention Basin	Proposed flood control berm to reclaim six (6) houses on Ledbetter Branch, a tributary in Fivemile Creek.	Watershed Planning	Dallas	Y	
031000428	Lower Five Mile Creek Management Plan	Proposed ecosystem restoration and economic redevelopment with 41- acres to be reclaimed and the conversion of a pond to a wetland on Lower Five Mile Creek. Anticipated const. cost = \$30,973,737	Watershed Planning	Dallas	Y	
031000429	Coombs Creek Bridge @ Plymouth	Proposed bridge installment and to raise Plymouth Road for flood protection. Anticipated const. cost = \$6,400,000	Project Planning	Dallas	Y	
031000430	Coombs Creek Bridge @ Ivandell	Proposed bridge installment along Ivandell for flood protection.	Project Planning	Dallas	Y	
031000431	Coombs Creek Bridge @ Burlingdell	Proposed bridge installment along Burlingdell for flood protection.	Project Planning	Dallas	Y	
031000432	Coombs Creek Bridge @ Gibsondell	Proposed bridge installment along Gibsondell for flood protection.	Project Planning	Dallas	Y	
031000433	Coombs Creek Bridge @ Brooklyndell	Proposed bridge installment along Brooklyndell for flood protection.	Project Planning	Dallas	Y	
031000434	Coombs Creek Bridge @ Colorado	Proposed bridge installment and to raise Colorado Road for flood protection. Anticipated const. cost = \$1,439,000	Project Planning	Dallas	Y	
031000435	Coombs Creek Bridge @ Barnett	Proposed bridge installment along Barnett for flood protection.	Project Planning	Dallas	Y	
031000436	Coombs Creek Culvert @ Hampton	Proposed storm drainage improvements by adding two (2) culverts along Hampton Road.	Project Planning	Dallas	Y	
031000437	Knights Branch Upper Relief System Study	Study, Model, & Prelim.Design: Update capital drainage recommendations & cost estimate for the Knights Branch Upper Relief System projects.	Project Planning	Dallas	Y	
031000438	Knights Branch Upper Relief System Phase 2	Continuation of the Knights Branch Upper Relief System Project. Improve neighborhoods served by the Knights Branch Upper Relief System. Includes Preston Park neighborhood (Bryn Mawr).	Project Planning	Dallas	Y	
031000439	Knights Branch @ Denton Dr.	Analysis and design for crossing to determine necessary culvert size for crossing to maximize level of service and raise road if necessary	Project Planning	Dallas	Y	
031000440	Knights Branch Upper Relief System - Inwood/Mockingbird	Major relief system of enclosed portion of upper Knights Branch watershed from Lowe's culvert extension (downstream of Inwood/Lemon) north on Inwood to about Wateka, using 2-12X10 box culverts, with smaller systems as necessary to provide full relief.	Project Planning	Dallas	Y	
031000441	City of Dallas Dam Program - Bachman Lake Dam	Study of possible rehabilitation of the Bachman Lake Dam embankment, principal spillway, and/or emergency spillway to meet TCEQ dam safety criteria.	Other	Dallas	Y	
031000442	City of Dallas Dam Program - Cherrybrook Lake Dam	Study of possible rehabilitation of the Cherrybrook Dam embankment, principal spillway, and/or emergency spillway to meet TCEQ dam safety criteria.	Other	Dallas	Y	
031000443	City of Dallas Dam Program - Hatfield Branch Detention Dam	Study of possible rehabilitation of the Hatfield Branch Dam embankment, principal spillway, and/or emergency spillway to meet TCEQ dam safety criteria. Existing emergency spillway altered and does not function as hydraulically designed.	Other	Dallas	Y	
031000444	City of Dallas Dam Program - Kidd Springs Lake Dam	Study of possible rehabilitation of the Kidd Springs Lake Dam embankment, principal spillway, and/or emergency spillway to meet TCEQ dam safety criteria.	Other	Dallas	Y	
031000445	City of Dallas Dam Program - Lake Cliff Dam	Study of possible rehabilitation of Lake Cliff Dam. Remove trees and establish 4:1 slope on downstream embankment. Improve dam spillway capacity to pass the TCEQ required 75% PMF event.	Other	Dallas	Y	
031000446	City of Dallas Dam Program - Lake Simonds Dam	Study of possible rehabilitation of the Lake Simonds Dam embankment, principal spillway, and/or emergency spillway to meet TCEQ dam safety criteria.	Other	Dallas	Y	
031000447	City of Dallas Dam Program - White Rock Lake Dam	Study of possible rehabilitation of the White Rock Lake Dam embankment, principal spillway, and/or emergency spillway to meet TCEQ dam safety criteria.	Other	Dallas	Y	
031000448	City of Dallas Dam Program - Woody Branch Dam	Study for the implementation of erosion protection, RCC separation, survey monumentation, and redoing service road	Other	Dallas	Y	

Region 3 - Trinity RFP - Amended Plan FME Voting Handout

FME ID	FME Name	Description	Study Type	Sponsor	TC Recommends	Reason for Not Recommending Action
031000449	City of Dallas Dam Program - Emerald Lake Dam	Study of possible rehabilitation of the Emerald Lake Dam embankment, principal spillway, and/or emergency spillway to meet TCEQ dam safety criteria.	Other	Dallas	Y	
031000450	City of Dallas Dam Program - Forney Dam	Study of possible rehabilitation of the Forney Dam embankment, principal spillway, and/or emergency spillway to meet TCEQ dam safety criteria.	Other	Dallas	Y	
031000451	City of Dallas Dam Program - Tawakoni Balancing Reservoir	Study of possible rehabilitation of the Tawakoni Balancing Reservoir Dam embankment, principal spillway, and/or emergency spillway to meet TCEQ dam safety criteria.	Other	Dallas	Y	
031000452	Stewart Creek & Legacy Gabion Repair	Updates to existing study to perform creek bank stabilization in the Stewart Creek & Legacy Gabion area.	Project Planning	Frisco	Y	
031000453	Edgewood	Updates to existing study to perform creek bank stabilization in the Edgewood neighborhood	Project Planning	Frisco	Y	
031000454	Regional Detention Study on Poindexter Creek	Proposed 320 ac-ft regional detention pond along Poindexter Branch and Poindexter Branch Tributary 5 and replacement of one (1) 80-ft bridge at Estates Drive. Anticipated const. cost = \$1,338,000	Project Planning	Copper Canyon	Y	
031000455	Downtown Floodplain Mapping and Reclamation Improvements Evaluation	Detailed flood study of Montague Creek to produce updated inundation mapping and provide proposed channel and crossing improvements through the central district of the city.	Watershed Planning	Lindsay	Y	
031000456	Preliminary Engineering Study for Mary's Creek Mitigation for Fort Worth Floodway and Central City	Preliminary engineering of a flood mitigation concept in the Mary's Creek basin upstream of the Fort Worth Floodway Federal Project and the Fort Worth Central City (FWCC) Project	Project Planning	Tarrant Regional Water District	Y	
031000457	Kaufman-Van Zandt SWCD Watershed-wide Dam Evaluations	Kaufman-Van Zandt watershed-wide evaluation of dams to assess flood performance for 100-year and 500-year events. Includes breach analyses mapping, risk indices, hazard classification assessment, and safety performance.	Other	Kaufman-Van Zandt SWCD	Y	
031000458	Upper Elm-Red SWCD Watershed-wide Dam Evaluations	Upper Elm-Red watershed-wide evaluation of dams to assess flood performance for 100-year and 500-year events. Includes breach analyses mapping, risk indices, hazard classification assessment, and safety performance.	Other	Upper Elm-Red SWCD	Y	
031000459	Collin County SWCD Watershed-wide Dam Evaluations	Collin county watershed-wide evaluation of dams to assess flood performance for 100-year and 500-year events. Includes breach analyses mapping, risk indices, hazard classification assessment, and safety performance.	Other	Collin County SWCD	Y	
031000460	Fannin SWCD Watershed-wide Dam Evaluations	Fannin watershed-wide evaluation of dams to assess flood performance for 100-year and 500-year events. Includes breach analyses mapping, risk indices, hazard classification assessment, and safety performance.	Other	Fannin SWCD	Y	
031000461	Cooper Creek Drainage Study	Flood study in the City of Denton to quantify existing flooding severity and proposed mitigation strategies to protect hydraulic structures and property adjacent to Cooper Creek.	Watershed Planning	Denton	Y	
031000462	Jack SWCD Watershed-wide Dam Evaluations	Jack watershed-wide evaluation of dams to assess flood performance for 100-year and 500-year events. Includes breach analyses mapping, risk indices, hazard classification assessment, and safety performance.	Other	Jack Soil and Water SWCD	Y	
031000463	Denton SWCD Watershed-wide Dam Evaluations	Denton watershed-wide evaluation of dams to assess flood performance for 100-year and 500-year events. Includes breach analyses mapping, risk indices, hazard classification assessment, and safety performance.	Other	Denton SWCD	Y	
031000464	Dalworth SWCD Watershed-wide Dam Evaluations	Dalworth watershed-wide evaluation of dams to assess flood performance for 100-year and 500-year events. Includes breach analyses mapping, risk indices, hazard classification assessment, and safety performance.	Other	Dalworth SWCD	Y	
031000465	Upper Sabine SWCD Watershed-wide Dam Evaluations	Upper Sabine watershed-wide evaluation of dams to assess flood performance for 100-year and 500-year events. Includes breach analyses mapping, risk indices, hazard classification assessment, and safety performance.	Other	Upper Sabine SWCD	Y	
031000466	Arlington Johnson Creek - Pioneer Parkway and Collins Street Buyout at Johnson Creek	Property acquisition of ninety-five (95) structures along Collins Street and Division Street. No channel improvements planned.	Project Planning	Arlington	Y	

Region 3 - Trinity RFP - Amended Plan FME Voting Handout

FME ID	FME Name	Description	Study Type	Sponsor	TC Recommends	Reason for Not Recommending Action
031000467	Floodplain Evaluation of Kings Branch and Farmers Branch	Flood study to identify areas that will be suitable for an FMP for future floodplain cycles.	Project Planning	Westworth Village	Y	
031000468	Wise SWCD Watershed-wide Dam Evaluations	Wise watershed-wide evaluation of dams to assess flood performance for 100-year and 500-year events. Includes breach analyses mapping, risk indices, hazard classification assessment, and safety performance.	Other	Wise SWCD	Y	
031000469	Trinity Basin Assessment of Flood Mitigation and Performance of Nature-based Solutions	Analysis of the flood mitigation value of select nature based solutions at varying scales and land use types basin wide.	Watershed Planning	The Nature Conservancy (TNC)	Y	
031000470	City of Normangee Watershed-wide Dam Evaluations	City of Normangee watershed-wide evaluation of dams to assess flood performance for 100-year and 500-year events. Includes breach analyses mapping, risk indices, hazard classification assessment, and safety performance.	Other	Normangee	Y	
031000471	Tri-City Gully Improvements Study	Study to provide channel modifications to Tri-City Gully to improve conveyance from upstream of FM 2354 to the outfall into Trinity Bay	Project Planning	Chambers County	Y	
031000472	Skylane Gully Improvements Study	Study to provide channel modifications to Skylane Gully to improve conveyance from upstream of FM 2354 to the outfall into Trinity Bay	Project Planning	Chambers County	Y	
031000473	Point Barrow Gully Improvements Study	Study to provide channel modifications to Point Barrow Gully to improve conveyance from downstream of McCollum Park Road to the outfall into Trinity Bay	Project Planning	Chambers County	Y	
031000474	Cedar Gully Improvements Study	Study to provide channel modifications to Cedar Gully upstream of FM 2354 to improve conveyance to outfall into Trinity Bay	Project Planning	Chambers County	Y	
031000475	Hackberry Gully Improvements Study	Study to implement either diversion, detention or channel modifications to Hackberry Gully to improve conveyance from downstream of IH-10 to confluence with Cotton Bayou	Project Planning	Chambers County	Y	
031000476	Spring Creek Gully Improvements Study	Assessment of implementation of detention, conveyance improvements, or a diversion for Spring Creek	Project Planning	Chambers County	Y	
031000477	Cotton Bayou Improvements Study	Study to implement diversion, detention or channel modifications to Cotton Bayou to improve conveyance from downstream of IH-10 to confluence with Hackberry Gully	Project Planning	Chambers County	Y	
031000478	Floodplain Mapping Updates of Bakers Branch Tributary 1	Floodplain mapping of Bakers Branch Tributary 1 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	Watershed Planning	Flower Mound	Y	
031000479	Floodplain Mapping Updates of Bakers Branch Tributary 2	Floodplain mapping of Bakers Branch Tributary 2 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	Watershed Planning	Flower Mound	Y	
031000480	Floodplain Mapping Updates of Bakers Branch	Floodplain mapping updates on Bakers Branch to establish base flood elevations and convert Zone A to Zone AE via LOMR.	Watershed Planning	Flower Mound	Y	
031000481	Floodplain Mapping Updates of Graham Branch Tributary 3	Floodplain mapping of Graham Branch Tributary 3 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	Watershed Planning	Flower Mound	Y	
031000482	Floodplain Mapping Updates of Graham Branch Tributary 9	Floodplain mapping of Graham Branch Tributary 9 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	Watershed Planning	Flower Mound	Y	
031000483	Floodplain Mapping Updates of Graham Branch Tributary 10	Floodplain mapping of Graham Branch Tributary 10 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	Watershed Planning	Flower Mound	Y	
031000484	Floodplain Mapping Updates of Graham Branch	Floodplain mapping of Graham Branch to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	Watershed Planning	Flower Mound	Y	
031000485	Floodplain Mapping Updates of McKamy Creek	Floodplain mapping of McKamy Creek to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	Watershed Planning	Flower Mound	Y	
031000486	Floodplain Mapping Updates of Sharps Branch Tributary 3	Floodplain mapping of Sharps Branch Tributary 3 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	Watershed Planning	Flower Mound	Y	
031000487	Floodplain Mapping Updates of Sharps Branch	Floodplain mapping of Sharps Branch to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	Watershed Planning	Flower Mound	Y	
031000488	Floodplain Mapping Updates of Stream SB-1 Tributary 1	Floodplain mapping of Stream SB-1 Tributary 1 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	Watershed Planning	Flower Mound	Y	

Region 3 - Trinity RFP - Amended Plan FME Voting Handout

FME ID	FME Name	Description	Study Type	Sponsor	TC Recommends	Reason for Not Recommending Action
031000489	Floodplain Mapping Updates of Stream SB-1 Tributary 2	Floodplain mapping of Stream SB-1 Tributary 2 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	Watershed Planning	Flower Mound	Y	
031000490	Floodplain Mapping Updates of Stream SB-1	Floodplain mapping of Stream SB-1 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	Watershed Planning	Flower Mound	Y	
031000491	Floodplain Mapping Updates of Stream WB-1	Floodplain mapping of Stream WB-1 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	Watershed Planning	Flower Mound	Y	
031000492	Floodplain Mapping Updates of Stream WC-1	Floodplain mapping of Stream WC-1 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	Watershed Planning	Flower Mound	Y	
031000493	Floodplain Mapping Updates of Stream WC-3	Floodplain mapping of Stream WC-3 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	Watershed Planning	Flower Mound	Y	
031000494	Floodplain Mapping Updates of Stream WC-4	Floodplain mapping of Stream WC-4 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	Watershed Planning	Flower Mound	Y	
031000495	Floodplain Mapping Updates of TC-2 Tributary 2	Floodplain mapping of TC-2 Tributary 2 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	Watershed Planning	Flower Mound	Y	
031000496	Floodplain Mapping Updates of TC-2 Tributary 4	Floodplain mapping of TC-2 Tributary 4 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	Watershed Planning	Flower Mound	Y	
031000497	Floodplain Mapping Updates of Timber Creek Tributary 9	Floodplain mapping of Timber Creek Tributary 9 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	Watershed Planning	Flower Mound	Y	
031000498	Floodplain Mapping Updates of Timber Creek Tributary 10	Floodplain mapping of Timber Creek Tributary 10 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	Watershed Planning	Flower Mound	Y	
031000499	Floodplain Mapping Updates of Timber Creek Tributary 11	Floodplain mapping of Timber Creek Tributary 11 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	Watershed Planning	Flower Mound	Y	
031000500	Floodplain Mapping Updates of Timber Creek Tributary 13	Floodplain mapping of Timber Creek Tributary 13 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	Watershed Planning	Flower Mound	Y	
031000501	Floodplain Mapping Updates of Timber Creek Tributary 16	Floodplain mapping of Timber Creek Tributary 16 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	Watershed Planning	Flower Mound	Y	
031000502	Floodplain Mapping Updates of Timber Creek Tributary 17	Floodplain mapping of Timber Creek Tributary 17 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	Watershed Planning	Flower Mound	Y	
031000503	Floodplain Mapping Updates of Timber Creek Tributary 18	Floodplain mapping of Timber Creek Tributary 18 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	Watershed Planning	Flower Mound	Y	
031000504	Floodplain Mapping Updates of Tributary C to Timber Creek	Floodplain mapping of Tributary C to Timber Creek to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	Watershed Planning	Flower Mound	Y	
031000505	Floodplain Mapping Updates of Unnamed 4	Floodplain mapping of Unnamed 4 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	Watershed Planning	Flower Mound	Y	
031000506	Floodplain Mapping Updates of Unnamed 5 Tributary 1.2	Floodplain mapping of Unnamed 5 Tributary 1.2 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	Watershed Planning	Flower Mound	Y	
031000507	Floodplain Mapping Updates of Unnamed 5 Tributary 1	Floodplain mapping of Unnamed 5 Tributary 1 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	Watershed Planning	Flower Mound	Y	
031000508	Floodplain Mapping Updates of Unnamed Tributary to Bakers Branch	Floodplain mapping of Unnamed Tributary to Bakers Branch to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	Watershed Planning	Flower Mound	Y	
031000509	Floodplain Mapping Updates of WB-1 Tributary 1	Floodplain mapping of WB-1 Tributary 1 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	Watershed Planning	Flower Mound	Y	
031000510	Floodplain Mapping Updates of Whites Branch Tributary 2.1	Floodplain mapping updates of Whites Branch Tributary 2.1. Establish BFE's and convert Zone A to Zone AE via a LOMR.	Watershed Planning	Flower Mound	Y	
031000511	Floodplain Mapping Updates of Whites Branch Tributary 2	Floodplain mapping updates of Whites Branch Tributary 2. Establish BFE's and convert Zone A to Zone AE via a LOMR.	Watershed Planning	Flower Mound	Y	
031000512	Floodplain Mapping Updates of Whites Branch	Floodplain mapping updates of Whites Branch. Establish BFE's and convert Zone A to Zone AE via a LOMR.	Watershed Planning	Flower Mound	Y	

Region 3 - Trinity RFP - Amended Plan FME Voting Handout

FME ID	FME Name	Description	Study Type	Sponsor	TC Recommends	Reason for Not Recommending Action
031000513	Floodplain Mapping Updates of Wichita Chase Tributary	Floodplain mapping updates of Wichita Chase Tributary. Establish BFE's and convert Zone A to Zone AE via a LOMR.	Watershed Planning	Flower Mound	Y	
031000514	Floodplain Mapping Updates of Wichita Creek	Floodplain mapping updates of Wichita Creek. Establish BFE's and convert Zone A to Zone AE via a LOMR.	Watershed Planning	Flower Mound	Y	
031000515	Hydrologic Updates of Town Wide Fully Developed Hydrology	Hydrologic updates to Town of Flower Mound's Town Wide Fully Developed Hydrologic Model.	Watershed Planning	Flower Mound	Y	
031000516	Kaufman County Countywide Drainage Study - Phase 2	Kaufman Countywide Drainage Study – Phase 2. Development of detailed hydraulic models for additional areas of high flood risk identified in Phase 1. Perform alternatives analysis and develop FMPs for second cycle of the State Flood Plan.	Watershed Planning	Kaufman County	Y	
031000517	Phase #2 of Stormwater Master Plan	Part of the City of Denton's Comprehensive Storm Water Master Plan. This study identifies potential flood risk and develops projects that will reduce flooding by improving the efficiency of the storm sewers.	Watershed Planning	Denton	Y	
031000518	Copper Canyon Master Drainage Plan/Study	Evaluate City and identify future projects.	Watershed Planning	Copper Canyon	Y	
031000519	Mill Creek Drainage Relief System - Upper-Middle Improvements	Proposed lateral improvements, tunnel alignments, and trunk improvements for overall drainage relief. Anticipated const. cost = \$35,509,837	Project Planning	Dallas	Y	
031000520	Village Creek Clubhouse Dr Improvements – Culverts	Study to assess the efficacy of alleviating overtopping of Clubhouse Dr by raising the roadway elevation and either improving culverts or replacing them with a 375' bridge.	Project Planning	Burleson	Y	
031000521	Montclair No 2 & 3 Drainage Improvements (Alternative 2)	Study to mitigate proposed improvements include a new storm drainage system along La Jolla from previous study. Alternative 2 includes additional inlets on Intervale Drive, Mill River Drive, La Jolla Drive, and Birchwood Drive.	Project Planning	Garland	Y	
031000522	Terrell KC2 Watershed Drainage Improvements	Proposed drainage improvements throughout watershed including increased culvert crossings, upsized storm drains, and channel improvements to alleviate watershed flooding	Project Planning	Terrell	Y	
031000523	DMP Phase 1: Anderson Street (Project 3)	Study to alleviate flooding on Anderson Street through the implementation of a detention basin, additional inlets, and an additional storm drain	Project Planning	Waxahachie	Y	



Amended Plan FMS Summary

- 2 New FMSs

New FMS Types	Total FMS Count
Property Acquisition & Structural Elevation	1
Other	1

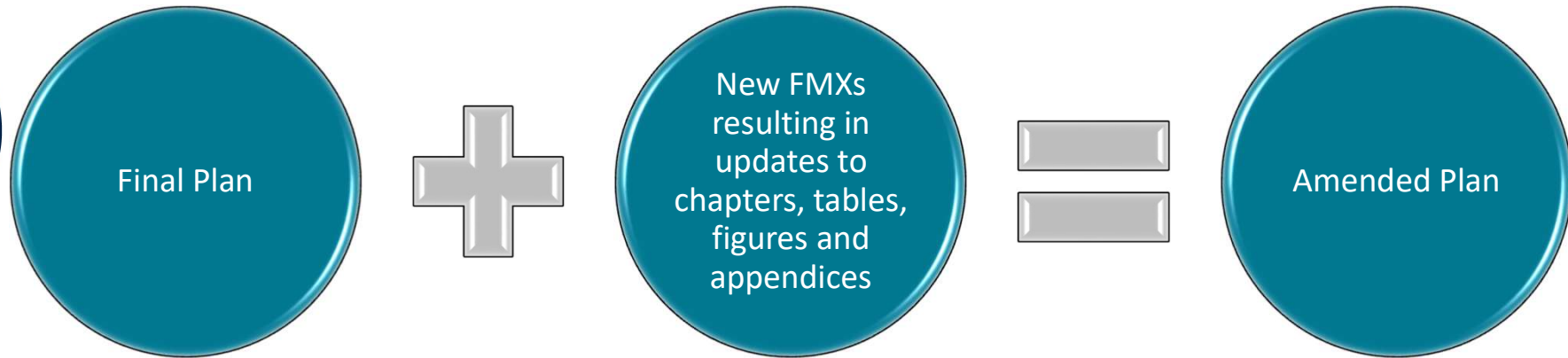
- **Nature-Based Solutions (NBS) Project Planning & Analysis**
 - Further refine priority NBS areas
 - Identify NBS flood mitigation actions
 - Sponsored by The Nature Conservancy (TNC)
 - Region-wide strategy
- **Balch Springs Buyout**
 - Buyout 6 flood-prone properties
 - Sponsored by City of Balch Springs

Region 3 - Trinity RFP - Amended RFP FMS Voting Handout

FMS ID	FMS Name	Description	Strategy Type	Sponsor	TC Recommends
032000146	Trinity Basin Stakeholder Nature-based Solutions Project Planning and Analysis	Multi-jurisdictional stakeholder engagement, planning and analysis will further refine priority NBS areas and identify as well as prepare a portfolio of priority NBS flood mitigation, projects, and strategies.	Other	The Nature Conservancy (TNC)	Y
032000147	Balch Springs Buyout	Buyout of six (6) flood-prone properties selected on proximity to creek, flood depths, and frequency of flooding	Property Acquisition and Structural Elevation	Balch Springs	Y

**Consider Approval to Include
Recommended FMEs, FMPs and FMSs
in Amended Plan**

Amended Plan includes...





Chapter Updates

Edited Chapters

- Executive Summary
- Chapter 1 (1 page)
- Chapter 4 (Section 4B)
- Chapter 5
- Chapter 6
- Chapter 9
- Chapter 10

Chapters without Changes

- Chapter 2 (Existing & Proposed Conditions)
- Chapter 3 (Goals)
- Chapter 7 (Flood Response)
- Chapter 8 (Leg, Admin & Reg Recommendations)



Appendix Updates

Edited Appendices

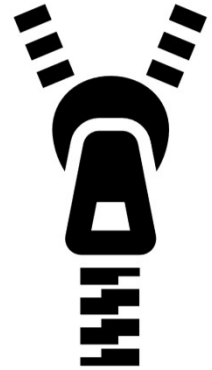
- A (TWDB-Required Tables)
- B (TWDB-Required Maps)
- E (One-page FMEs & FMSs)
- F (Details for FMPs)
- G (Cost Estimates)
- L (NEW! Index listing changes since Final Plan)

Appendices without Changes

- C (Floodplain Practices)
- D (Goals Process)
- H (Flyers)
- I (Written Comments)
- J (Oral Comments)
- K (Comments on Draft Plan)

Draft Amended Plan → Amended Plan

- Revise plan to address
 - Comments received
 - Updates to sponsor funding survey results (Chapter 9)
 - Editorial, map, table and other minor edits
- Send to printer by July 6, 2023
- Send to TWDB by July 14, 2023



**Consider Approval to Revise & Submit
Amended Regional Flood Plan**

LOOK-AHEAD

July 14, 2023 (no meeting)


- Consultant submits Amended Regional Flood Plan to TWDB

September/October 2023

- Quarterly RFPG meeting

December 2023/January 2024

- Quarterly RFPG meeting

Notes:  indicates target date.

Yellow highlight indicates hard deadline.



11. Updates from adjoining coastal regions



12. Updates from Planning Group Sponsor



13. Administrative costs



14. RFPG activities post
submittal of amended plan



15. General public comments

Limit 3 minutes per person



16. Announcements



17. Meeting date for next meeting



18. Agenda items for next meeting



19. Adjourn