

Sabine Regional Flood Planning Group Meeting
Sabine River Authority Main Office, Orange, Tx
January 27, 2025
1:30 PM

NOTE: This meeting will be conducted in person and via Zoom

<https://zoom.us/j/6418597377?pwd=a2svTVhpbzJML1h3M3Y3SXVHaWV5QT09>

Location: Meeting will be held at the Sabine River Authority of Texas, Main Office
12777 Hwy 87 N, Orange, TX 77632.

If you wish to provide written comments prior to or after the meeting, please email your comments to comments@sabine-rfpg.org and include "Region 4. Sabine River Flood Planning Group Meeting" in the subject line of the email.

This meeting is a public meeting under Chapter 551 of the Texas Government Code.

If you choose to participate in the meeting using the conference call number below, please be prepared to identify yourself. So, we can record your attendance. Telephone conference call phone number:

Phone Number:	+1 346 248 7799
Meeting Number:	641 859 7377
Access Code:	857302.

Additional information may be obtained from:

Mark Howard
RMPD Division Manager
Sabine River Authority of Texas
12777 Hwy 87 N.
Orange, Texas 77632
(409) 746-2192
mhoward@sratx.org.

Sabine RFPG meeting

**Sabine River Authority, Orange, Tx
January 27, 2025 – 1:30 PM**

AGENDA

1. Call to Order.

Presenter: Travis Williams, Chair

2. Roll Call.

Presenter: Jeff Rogers, Secretary

3. Receive public comments (public comments limited to 3 minutes per speaker).

Presenter: Travis Williams, Chair

4. Discussion and Approval of minutes from the previous Region 4 Sabine RFPG meeting held on November 18, 2024.

Presenter: Travis Williams, Chair

5. Update from Chair.

Presenter: Travis Williams, Chair

6. Discussion and possible action regarding the replacement for Sabine RFPG voting member to fill electric generating utilities position.

Presenter: Travis Williams, Chair

7. Update from the Texas Water Development Board

Presenter: Katie Pietsch Koslan

8. Region 5. Neches RFPG Report.

Presenter: Doug Manning

9. Update from Technical Consultant, Freese and Nichols.

Presenter: Mat Leclair

10. Consider date and agenda items for the next meeting.

Presenter: Travis Williams, Chair

11. Adjourn.

Presenter: Travis Williams, Chair

AGENDA ITEM 1: CALL TO ORDER

PRESENTED BY: TRAVIS WILLIAMS, CHAIR

Chair Travis Williams will call the meeting to order.

Time: _____

RECOMMENDED ACTION

No action required.

AGENDA ITEM 2: ROLL CALL

PRESENTED BY: JEFF ROGERS, SECRETARY

SUPPORTING INFORMATION

<u>Voting Member</u>	<u>Interest Category</u>	<u>Present (V-Virtual, P-Physical)/ Absent () / Alternate Present (*)</u>
James (Bill) Bruce	<i>Agricultural interests</i>	
Johnny Trahan	<i>Counties</i>	
Francis X. Shannon	<i>Electric generating utilities</i>	
Clyde V. "Tad" McKee III	<i>Environmental interests</i>	
Doug Manning	<i>Flood districts</i>	
Nikki Davis	<i>Industries</i>	
Alton Bradley	<i>Municipalities</i>	
Michelle Falgout	<i>Public</i>	
Travis Williams	<i>River authorities</i>	
Jeff Rogers	<i>Small business</i>	
Roman D. Griffin	<i>Water districts</i>	
Ross Gordon	<i>Water utilities</i>	

<u>Non-voting Member</u>	<u>Agency</u>	<u>Present (V-Virtual, P-Physical)/ Absent () / Alternate Present (*)</u>
Vacant	General Land Office (GLO)	
Kathy Saucedo	Texas Commission on Environmental Quality (TCEQ)	
Manuel Martinez Alt. Kristin Lambrecht	Texas Department of Agriculture (TDA)	
Andrea Sanders	Texas Division of Emergency Management (TDEM)	
Robert (Bob) Baker	Texas Parks and Wildlife Department (TPWD)	
Trey Watson	Texas State Soil and Water Conservation Board (TSSWCB)	
Katie Koslan	Texas Water Development Board (TWDB)	

RECOMMENDED ACTION

Number of voting members or alternates present. _____

Seven voting members are required for a quorum.

Quorum is present, Yes, or No?

AGENDA ITEM 3: PUBLIC COMMENTS

PRESENTED BY: TRAVIS WILLIAMS, CHAIR

SUPPORTING INFORMATION

Receive public comments (public comments limited to 3 minutes per speaker)

RECOMMENDED ACTION

No action required.

AGENDA ITEM 4: DISCUSSION AND APPROVAL OF MINUTES

PRESENTED BY: TRAVIS WILLIAMS, CHAIR

SUPPORTING INFORMATION

Discussion and approval of minutes from the November 18, 2024, Region 4, Sabine RFPG meeting.

RECOMMENDED ACTION

Approve minutes as discussed.

MOTION: _____ SECOND: _____ APPROVED: _____

Meeting Minutes
Region 4 Sabine Flood Planning Group Meeting
November 18, 2023
1:30 PM
SRA Meeting Room and Virtual via Zoom

<u>Voting Member</u>	<u>Interest Category</u>	<u>Present (V-Virtual, P-Physical)/ Absent () / Alternate Present (*)</u>
James (Bill) Bruce	<i>Agricultural interests</i>	P
Johnny Trahan	<i>Counties</i>	V
Francis X. Shannon	<i>Electric generating utilities</i>	
Clyde V. "Tad" McKee III	<i>Environmental interests</i>	
Doug Manning	<i>Flood districts</i>	P
Nikki Davis	<i>Industries</i>	
Alton Bradley	<i>Municipalities</i>	V
Michelle Falgout	<i>Public</i>	V
Travis Williams	<i>River authorities</i>	P
Jeff Rogers	<i>Small business</i>	P
Roman D. Griffin	<i>Water districts</i>	V
Ross Gordon	<i>Water utilities</i>	V

<u>Non-voting Member</u>	<u>Agency</u>	<u>Present (V-Virtual, P-Physical)/ Absent () / Alternate Present (*)</u>
Vacant	General Land Office (GLO)	
Kathy Saucedo	Texas Commission on Environmental Quality (TCEQ)	
Manuel Martinez Alt. Kristin Lambrecht	Texas Department of Agriculture (TDA)	V
Andrea Sanders	Texas Division of Emergency Management (TDEM)	
Robert (Bob) Baker	Texas Parks and Wildlife Department (TPWD)	
Trey Watson	Texas State Soil and Water Conservation Board (TSSWCB)	
Katie Koslan	Texas Water Development Board (TWDB)	V

RECOMMENDED ACTION

Number of voting members or alternates present. 9

Seven voting members are required for a quorum.

Quorum is present, Yes, or No?

Other Meeting Attendees:

Mat Leclair, FNI *
Mark Howard, SRA *

Allison Hand FNI*
Jim Malain **

Marvin Benoit City of Orange*
Christine Gardner, SRA*

**Physical meeting attendees, **Virtual meeting attendees, names were gathered from those who entered information for joining the Zoom meeting.*

Agenda Item 1: Call to Order

- Travis Williams called the meeting called to order at 1:34 PM.

Agenda Item 2: Roll Call

- Jeff Rogers confirmed the quorum with 9 out of 12 voting members present.

Agenda Item 3: Receive general public comments (public comments limited to 3 minutes per speaker).

- No comments from the public.

Agenda Item 4: Discussion and Approval of minutes from the previous Region 4 Sabine RFPG meeting held on November 18, 2024.

- Doug Manning motions to adopt as presented, Bill Bruce seconded. Motion passes.

Agenda Item 5: Updates from Chairman

- Travis Williams informed the membership that SRA and FNI Contract is signed and has been sent to the TWDB so that is in place to move forward with the 2nd cycle.

- Travis explained to the membership that the initial 20% of the contract has been transferred to SRA for payment of services.

- Travis mentioned that he spoke with Frank Shannon and that Frank apologized that he has been unable to make the meetings due to increased responsibilities on his job and that he needed to resign. He and Travis agreed to a particular person (Jim Malain) to nominate as a replacement. Travis explained that there is a process to receive nominations and asked Mark Howard for an explanation. Mark explained the process, posting on our Web site and a request for nominations sent to all County Clerks in Region 4.

- Jeff Rogers updated the membership on getting someone to make a presentation to the membership about nature-based solutions, NBS. Jeff said he reached out to Kelly Rich (TWDB) and Alexander Neal to give a presentation on this topic. Kelly Rich responded that they are working on a handbook and that they would present it to all the Regions once it was finished. Allison Hand said that she is part of a team at FNI that is working on this Manuel.

Agenda item 6: Update from the Texas Water Development Board

- TWDB provided updated guidance on the amendment process on October 3rd.

- Contract 2nd Cycle kickoff meeting on Friday November 22.

- January Payment request webinar.

Agenda Item 7: Region 5. Neches RFPG Report.

- Region 5 meeting was last week, there was a lot of house keeping about who would do what

- Also, some brainstorming about what type of projects that would like to focus on, specifically NBS.

- Discussed the process to amend the Flood Plan and turn some of the FMEs to FMPs.

Agenda Item 8: Update From Technical Consultant

- Mat presented team for 2nd Cycle
 - FNI Team
 - Traylor & Ass.
- Schedule overview
- Amendment Process
- Amendment and 2nd Cycle Timeline and scope
 - Notice of Intent for submitting data to FNI for the amendment deadline 12/6
 - Deadline for submitting data to FNI for the amendment is 1/17
 - Travis asked how communities or entities would know to present NOI or data to FNI. Mat mentioned that they were developing a flyer to be sent to all the communities so they would know about the deadlines and requirements. Travis and RD Griffen brought up concerns that the team should reach out to these entities personally
 - Johnny suggested a presentation to the Mayors Breakfast on December 3rd would be a good way to get the word out.
 - Membership would vote on these projects in March 2025
 - Mat presented the NOI online form
- Presented an Amendment Flyer for distribution to entities
- 2028 RFP
 - FMP Requirements
 - Pathways to Amendments
 - Future Sabine RFPG Meetings suggested by FNI
 - January after 1/17/2025
 - March 2025 vote to approve Amendment
 - May or June 2025 Discussion an approval of tasks for Tech Memo
 - August 2025 Vote to approve Tech Memo

Agenda Item 9: Consider date and agenda items for next meeting.

- January 27, 2025, 1:30 PM

Agenda Item 10: Adjourn

Travis Williams called for a motion to adjourn.

Johnny Trahan motioned to adjourn the meeting, Bill Bruce seconded, and the motion passed. Travis Williams ended the meeting at 2:40 PM.

AGENDA ITEM 5: UPDATE FROM CHAIR.

PRESENTED BY: TRAVIS WILLIAMS, CHAIR

SUPPORTING INFORMATION

- We began advertising on December 18, 2024, for the empty voting position on the Sabine RFPG.
- Last meeting Mat Presented the following provisional schedule:
 - January after 1/17/2025 to discuss the progress FNI has made on the Amendment
 - March 2025 vote to approve Amendment
 - May or June 2025 Discussion an approval of tasks for Tech Memo
 - August 2025 Vote to approve Tech Memo

RECOMMENDED ACTION

No action required.

**AGENDA ITEM 6: DISCUSSION AND POSSIBLE ACTION
REGARDING THE REPLACEMENT FOR THE SABINE RFPG
VOTING MEMBER TO FILL ELECTRIC GENERATING UTILITIES
POSITION.**

PRESENTED BY: TRAVIS WILLIAMS, CHAIR

SUPPORTING INFORMATION

The SRFPG’s electric generating utilities representative, Frank Shannon, recently submitted his letter of resignation from the voting membership of the Sabine RFPG. In accordance with Article V, Section 4.1 of the SRFPG’s Bylaws, a public notice for nominations was posted on the Sabine RFPG web site and sent to each County Clerk within Region 4 (Sabine Flood Planning Region) on December 18, 2024. The deadline for nominations was January 24, 2025.

To date, the following nominations have been received:

Jim Malain

RECOMMENDED ACTION

Appoint a nominee by consensus, if a nominee cannot be selected by consensus, then elect a nominee to fill the electric generating utilities voting member vacancy.

Nominees:

Votes:

AGENDA ITEM 7: UPDATE FROM THE TEXAS WATER DEVELOPMENT BOARD.

PRESENTED BY: KATIE KOSLAN, TWDB

SUPPORTING INFORMATION

RECOMMENDED ACTION

None.

AGENDA ITEM 8: REGION 5, NECHES RFPG REPORT.

PRESENTED BY: DOUG MANNING

SUPPORTING INFORMATION

RECOMMENDED ACTION

None.

**AGENDA ITEM 9: UPDATE FROM TECHNICAL
CONSULTANT**

PRESENTED BY: MAT LECLAIR

SUPPORTING INFORMATION

- Update on amendments to the RFP
 - List of projects

RECOMMENDED ACTION

None.

Sabine RFPG

January 2025 Update



1

Agenda

- Overview of 1st Cycle 2nd Amendment
- 2nd Cycle Overview



2

Overview of 1st Cycle's 2nd Amendment



3

Notice of Intents Submitted

- Stakeholders that responded to the notice of intent:
 - Orange County Drainage District
 - Orange County
 - City of West Orange
 - City of Pinehurst
 - City of Orange
 - City of Bridge City

FLOOD RISK REDUCTION SOLUTIONS

HOW TO SUBMIT FOR STATE FUNDING ELIGIBILITY

Introduction to Regional Flood Planning

In 2023, the Texas Legislature tasked the Texas Water Development Board (TWDB) (including the regional and state flood planning process, Region 4 is one of 12 Regional Flood Planning Groups (RFPG) across 1 regional flood plain. In 2024, TWDB released the Regional State Flood Plan, which incorporates Flood Plans. Regional and state flood planning activities are beginning for the next planner.

Flood Infrastructure Fund

The TWDB's Flood Infrastructure Fund (FIF) is a funding program that provides financial risk reduction planning studies and the design and construction of flood risk reduction and low or no interest loans to eligible political subdivisions. To be eligible for FIF (a sub-section) must be included in the State Flood Plan. A complete list of currently eligible available in the 2024 State Flood Plan Document at <https://www.twdb.com>.

The next FIF funding cycle is anticipated to open in 2026. To increase the number of eligible projects, TWDB has established an April 1, 2025 submittal deadline. The RFPG must take a submittal deadline of January 27, 2025. Beyond the amendment process, additional flood incorporated into the 2024 Regional Flood Plan and could become eligible for future funding to qualify for FY 2026-2027 FIF Funding and future funding cycles are included below.

TIMELINE

Anticipated FY 2026-2027 FIF Funding Cycle



Future Funding Cycles



REGION 4 SABINE

TYPES OF ELIGIBLE SOLUTIONS

Flood risk reduction solutions are classified into 3 categories, Flood Management Evaluation (FME), Flood Management Storage (FMS), and Flood Mitigation Projects (FMP).



For inclusion in the 2024 Plan Amendment, all proposed FMEs, FMSs, and FMPs must be reviewed for completeness, alignment with RFPG-adopted flood mitigation and floodplain management goals and recommended by the RFPG. The submittal checklist below identifies key requirements of each flood risk solution type.

Solution Type	Requirements
Flood Management Evaluation	<input type="checkbox"/> Study Name <input type="checkbox"/> Notice of Intent by December 6, 2024 <input type="checkbox"/> Study Description <input type="checkbox"/> Specific (Flood Area or Project Area) <input type="checkbox"/> Estimated Study Cost (Not Construction) <input type="checkbox"/> Estimated Construction Cost <input type="checkbox"/> Impacts & Mitigation Needs <input type="checkbox"/> Pre- & Post-Project 100yr Floodplains <input type="checkbox"/> Benefit Cost Analysis <input type="checkbox"/> No Negative Impacts Certification <input type="checkbox"/> Pre- & Post-Project Flood Risk Exposure*
Flood Management Strategy	<input type="checkbox"/> Policy Changes <input type="checkbox"/> Education & Awareness Programs <input type="checkbox"/> Flood Warning Systems <input type="checkbox"/> Storage Criteria Development <input type="checkbox"/> Property Acquisition or Relocation
Flood Mitigation Project	<input type="checkbox"/> Structural Projects to Reduce Flood Risk <input type="checkbox"/> Open Channel Projects <input type="checkbox"/> Flood Control <input type="checkbox"/> Riprap <input type="checkbox"/> Storm Drain Projects <input type="checkbox"/> Retention Projects

Pre- & Post-Project Flood Risk Exposure is a required field and will be populated automatically upon submission.

GET INVOLVED

If interested in submitting a FME, FMS, or FMP to the 2024 Flood Plan Amendment, please reach out to the Sabine Technical Consultant at subine@twdb.com or 713-600-6877 or complete the Notice of Intent form linked above. For information on the RFPG, please visit <https://www.twdb.com>. Meeting attendance is available online or in person. To learn more about the 2024 Regional Flood Plan visit our [Website](https://www.twdb.com).

REGION 4 SABINE

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New FMEs

Name	Name
Orange County Drainage District	Regional Detention Study Adams Bayou Study
	Regional Detention Study Cow Bayou Study
	Regional Detention Study Little Cypress Bayou Study
	Regional Detention Study Cole Creek Study
	Adams Bayou Conveyance Improvement Study
	Cow Bayou Conveyance Improvement Study
	Hidden Meadows Outfall Improvement Evaluation and Study
	Orange County Drainage District Restricted Crossings (roads, highways, railroads and others) Evaluation and Study
	Detention Pond (east of Hwy 87, and south of W. Bluff Road) Evaluation and Study

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New FMEs

Sponsor	Name
Orange County	Colony Estates Ditch Regrading and Culvert Improvement
Orange County	Forest Heights Ditch Regrading and Culvert Improvement
Orange County	Kinard Estates Ditch Regrading and Culvert Improvement
City of Pinehurst	Watershed Planning Study
City of Pinehurst	Drainage, Detention, and Road Crossing Improvements.
City of Orange	City of Orange Master Drainage Study
City of Bridge City	City of Bridge City Watershed Planning and Project Feasibility Study
City of Marshall	Detailed Storm Sewer Assessment
City of Marshall	Parker Creek Tributary Evaluations

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New FMEs

Sponsor	Name
City of West Orange	South Ave. Drainage Improvement Project
	Galveston St. Drainage Improvement Project
	Western Avenue Drainage Improvement project
	Stacy Street Drainage Improvement project
	Channel improvement Project - Holly to Adams Bayou
	West Orange Channels and Ditches Improvements
	Quincy St Drainage Improvements
	Channel Improvement Project - Quincy to Flint Street
	Channel Improvement Project - Wynnona Park

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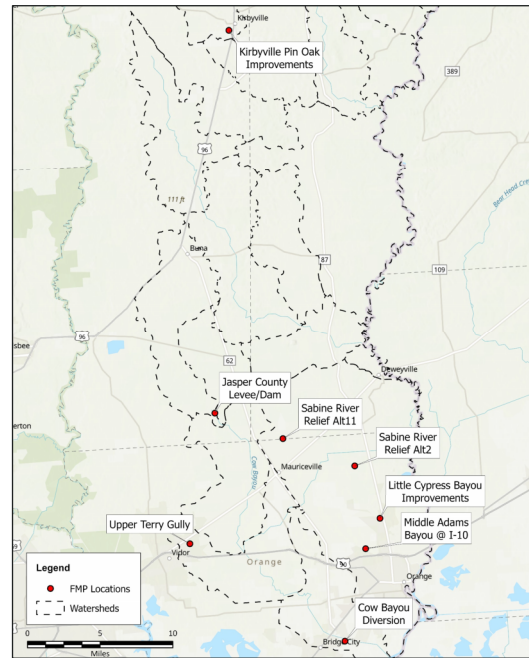
New FMSs

Sponsor	Name
City of West Orange	Acquisition and demolition of structures for flood prevention activities
City of West Orange	Regrading, reshaping of ditches, replacement of culverts, and concrete lining of channels throughout the city
City of West Orange	Safe room construction for displaced citizens during flood events
City of Orange	Coopers Gulley FMA Acquisition
City of Orange	City of Orange Updates to Flood-Related Ordinances and Criteria
City of Bridge City	City of Bridge City Flood Management Strategy

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New FMPs

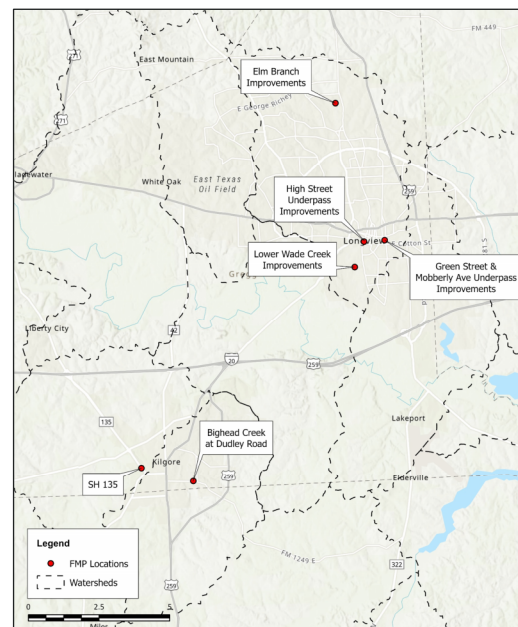
- Orange County Drainage District
 - Sabine River Relief – Alt 2
 - Sabine River Relief – Alt 11
 - Jasper County Levee/Dam
 - Upper Terry Gully Improvements
 - Middle Adams Bayou Diversion at I-10
 - Lower Cow Bayou Diversion
 - Little Cypress Bayou Improvements
- Kirbyville
 - Pin Oak Creek Improvements



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FMEs turned FMPs

- City of Longview
 - High Street Underpass Improvements
 - Green Street/Mobberly Ave. Underpass Improvements
 - Lower Wade Creek Improvements
 - Elm Branch Improvements
- City of Kilgore
 - SH 135 Underpass Improvements
 - Bighead Creek Improvements at Dudley Road



Projects via Upper Sabine FIF Study (FNI study with SRA/TWDB)

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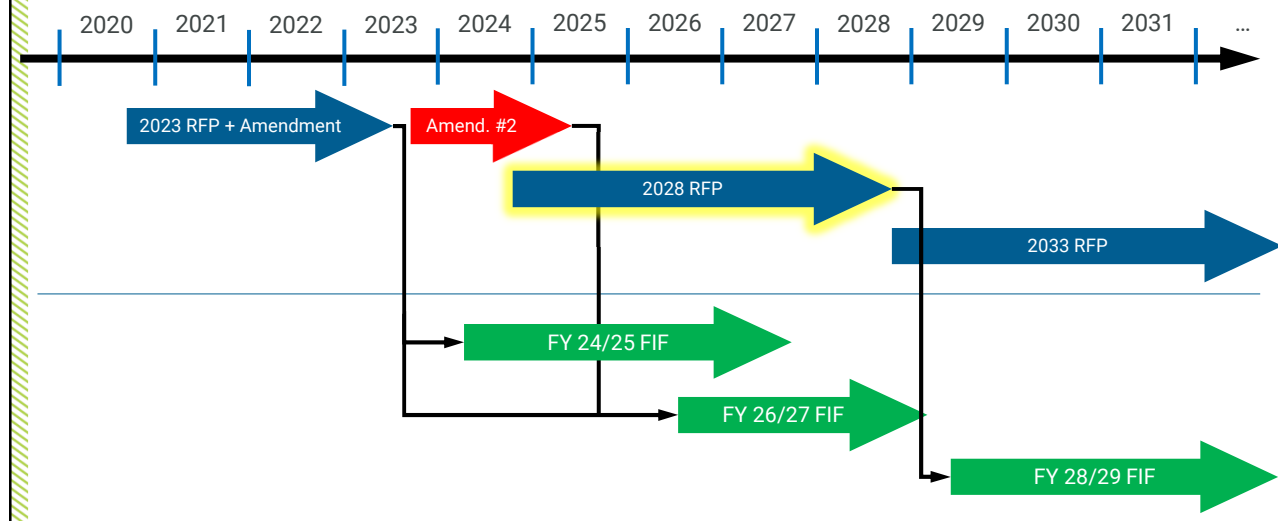
FMX History

FMX	2023 Final Plan	2023 1 st Amendment	2023 2 nd Amendment
FME	59	176	198
FMS	49	59	65
FMP	2	33	14

- 27 new FMEs
- 6 new FMSs
- 14 new FMPs
 - 5 existing FMEs turned to 6 FMPs (Upper Sabine FIF Study)
 - 8 new FMPs (2 from OCDD, 6 from FNI)

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RFP Cycles & FIF Funding



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Next Steps?

- Continued coordination with communities
- Finalize list of FME, FMS, FMP
- Preparation of amendment files
- Updates to 2023 Regional Flood Plan text
- March 2025 RFPG Meeting to consider, vote, and adopt amendment to 2023 Sabine Regional Flood Plan.
 - 7-day public notice
 - Meeting materials available online 3 days before and 14 days after the meeting.

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2nd Cycle Overview Update



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Task 1 – Planning Area Description

- Summarizes the Flood Planning Region
- Inventory Natural Features and Constructed Major Flood Infrastructure
 - Survey
- Describe Ongoing Flood Mitigation Projects



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Task 1 – Planning Area Description

Natural Feature Types	Major Infrastructure Types
Rivers/Tributaries	Reservoirs
Wetlands	Dams
Playa Lakes	Levees
Sinkholes	Low Water Crossings
Parks/Preserves/Green Spaces	Ponds
Coastal Features (incl. Dunes)	Storm Drain Systems
Other Features	Coastal Infrastructure
	Gages and High-Water Marks
	Weirs
	Bridges
	Revetments
	Other Infrastructure

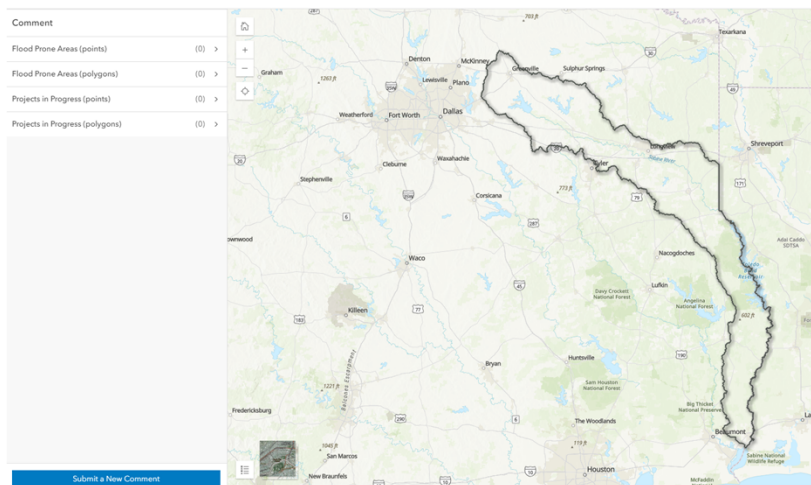
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Task 1 – Planning Area Description

- Highlights from Technical Guidance:
 - Low Water Crossings (LWC) defined as roadway stream crossings inundated in the 2-YR event.
 - New requirement to denote confidence behind the functionality and condition of infrastructure
 - **High:** Data used for classification came from the entity through findings of a study or analysis
 - **Low:** Data used for classification is based on asset attributes and assumptions
 - **None:** No data available to determine classification
 - For GIS digitization, minimum length of features set to **500 ft.**

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Task 1 – Planning Area Description



Public Survey Webmap is currently in progress

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Task 1 – Planning Area Description

- Survey now has an option to record locations of ongoing flood mitigation projects
 - Will ask what type of infrastructure (canal, weirs, storm drain system, etc.) is part of the improvements
 - Will also ask what phase the project is in (conceptual phase, preliminary design, construction, etc.)

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Task 1 – Planning Area Description

- Information to be received
 - Infrastructure Assessment Toolkit
 - Toolkit that can be used by city/county engineers and municipal staff to supply information on the condition and function of existing flood infrastructure within their jurisdiction.

Table 3-5: Roadway Stream Crossings, Culverts, and Bridges Condition Classification Guidance

	DEFICIENT	NON-DEFICIENT
HIGH	Documented as deficient in a report or study performed in the last 10 years OR institutional knowledge of structural deficiency	Documented as non-deficient in a report or study performed in the last 10 years
LOW*	Age is greater than 50 years OR institutional knowledge of structural deficiency, OR there is limited O&M budget relative to the amount of infrastructure managed by the asset owner	Age is less than 50 years AND no institutional knowledge of deficiency

*Use engineering judgment to assess whether these characteristics can inform, with a low confidence level, the condition (deficiency) classification.

Table 3-6: Roadway Stream Crossings, Culverts, and Bridges Functionality Classification Guidance

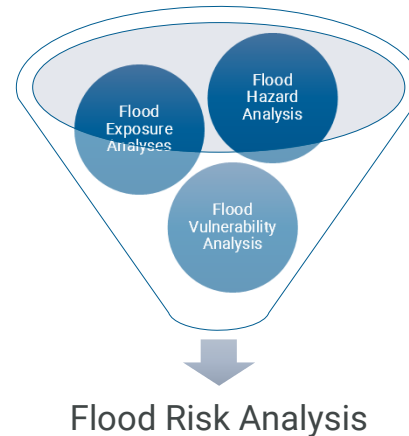
	FUNCTIONAL	NON-FUNCTIONAL
HIGH	Documented as functional in a report or study performed since 2018 (NOAA Atlas 14 publication date)	Documented as non-functional in a report or study performed since 2018 (NOAA Atlas 14 publication date)
LOW*	No institutional knowledge of capacity concerns, OR based on Task 2 Existing Flood Risk Exposure, there appears to be capacity to pass the 100-yr event	Institutional knowledge of capacity concerns

*Use engineering judgment to assess whether these characteristics can inform, with a low confidence level, the functionality (capacity) classification.

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Task 2 – Flood Risk Analyses

- Perform existing and future condition flood risk analyses for the region that comprises of:
 - Flood **hazard** analyses that determine location, magnitude and frequency of flooding
 - Flood **exposure** analyses to identify who and what may be harmed in the region
 - Flood **vulnerability** analyses to identify vulnerabilities of communities and critical facilities



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Task 2 – Flood Risk Analyses

- Highlights from Technical Guidance:
 - Flood Risk Analyses to now consider 10-YR event
 - Previously: only 100-YR and 500-YR events
 - Vulnerability analyses shall include the Social Vulnerability Index from the CDC in addition to the new flood-specific SVI for Texas (TX F-SVI)
 - Buildings data shall include **both** SVI values in addition to daytime and nighttime population values
 - TWDB is currently developing a Future Conditions dataset that accounts for future climate variability and associated rainfall patterns, sea level rise, land subsidence, and land use change
 - RFPG may choose to utilize other or more accurate future condition flood hazard information, but requires thorough documentation and approval from Executive Administrator

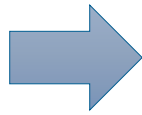
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BLE Overview

- BLE = “Base Level Engineering”
- BLE modeling is now available for all of Region 4



Cycle 1 BLE Coverage



Cycle 2 BLE Coverage

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Task 2 – Flood Risk Analyses

- Information to be received
 - Updated Floodplain “Quilt”
 - GIS Feature class from TWDB that compiles floodplain information from multiple sources to construct a single flood hazard dataset for the entire flood planning region
 - 2028 Flood Planning Buildings Dataset
 - Updated statewide buildings dataset that will include CDC SVI and TX F-SVI values in addition to daytime and nighttime population values.
 - Future Condition Flood Hazard Dataset
 - Statewide Future Condition Flood Hazard for the year 2060 that accounts for future climate variability, associated rainfall patterns, sea level rise, land subsidence, and land use change.

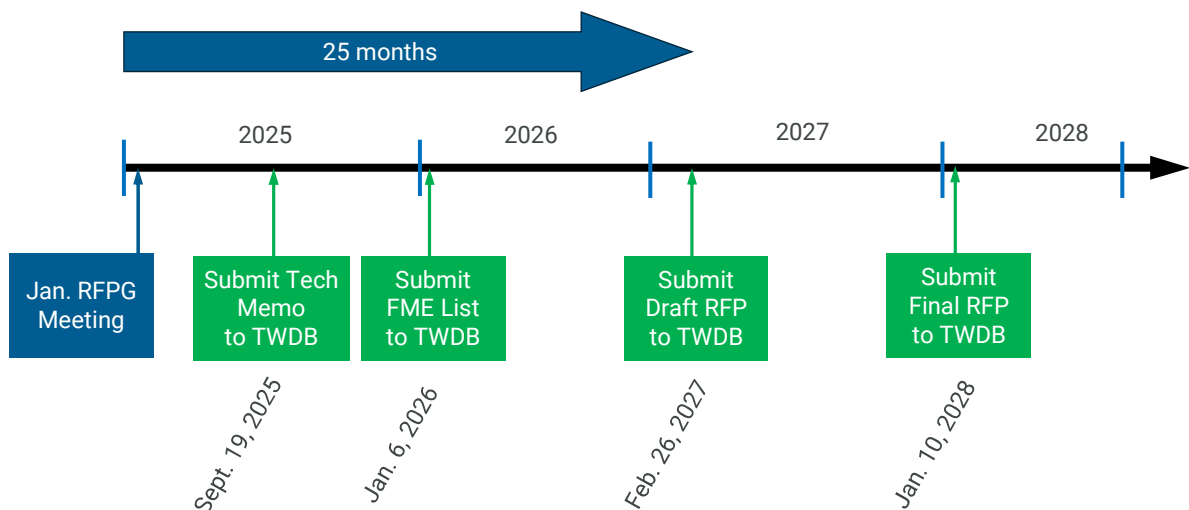
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Task 3 – Floodplain Management Practices, Needs Analysis, & Goals

- 3A: Eval/Recommend Floodplain Management Practices
 - Characterize region’s current practices
 - Recommend practices areas could enforce
- 3B: Flood Mitigation Needs Analysis
 - Intersect infrastructure data & floodplains to identify areas of higher risk
- 3C: Flood Mitigation/Floodplain Management Goals
 - Identify specific/achievable goals for Sabine region

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2028 RFP Schedule



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Future RFPG Meetings

- March 2025
 - Vote to approve Amendment
- April 2025
 - Present Flood Hazard Results
- May/June 2025
 - Discussion and approval of tasks included in Tech Memo
 - Goals discussion
- August 2025
 - Vote to approve Tech Memo

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Thank you

Mat Leclair, PE, CFM | Mat.Leclair@freese.com

Allison Hand, PE, CFM | Allison.Hand@freese.com



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**AGENDA ITEM 10: CONSIDER DATE AND AGENDA
ITEMS FOR NEXT MEETING.**

PRESENTED BY: TRAVIS WILLIAMS

RECOMMENDED ACTION

No action required.

AGENDA ITEM 11: ADJOURNMENT

PRESENTED BY: TRAVIS WILLIAMS

SUPPORTING INFORMATION

There being no other business, the Chair Williams will entertain a motion to adjourn the meeting.

TIME: _____

RECOMMENDED ACTION

MOTION: _____ SECOND: _____ APPROVED: _____