




1

Regional Flood Plan Updates

- Additional Tasks
- Outreach
- Planning Schedule
- Public Meeting Recap
- Goals Comparison
- Identification of FMPs, FMEs, and FMSs\*
- Technical Memorandum
- RFPG Member Action Items
- Discussion



\* Conditionally Approved

2

## New Tasks per Contract Amendment with TWDB

- Task 11 – Outreach & Data Collection
  - Gather data, models, and other relevant info from stakeholders
  - Supports/enhances work required in tasks 1 through 9
- Task 12 – Perform FMEs & Recommend Additional FMPs
  - Evaluate flood risks in areas with limited data
  - Evaluate flood risk solutions → Feasibility & Prelim. Engineering
  - All items in Task 4B and 5 must be amended
  - RFPG must vote to approve list of FME/FMP to be worked on under this task
- Task 13 – Prep & Adoption of Amended RFP
  - RFPG will adopt an amended RFP which incorporates items from Task 12
  - Time for additional RFPG meetings

3

## Key Stakeholder Outreach

Stakeholder Name	Stakeholder Type (City, Town, County)	County	Response?	Population
Longview	City	Gregg	Yes	80455
Rockwall	City	Rockwall	No	37490
Greenville	City	Hunt	No	25557
Marshall	City	Harrison	No	23523
Orange	City	Orange	Yes	18595
Sulphur Springs	City	Hopkins	No	15449
Henderson	City	Rusk	No	13712
Kilgore	City	Gregg	Yes	12975
Vidor	City	Beaumont	No	10579
Royse City	City	Rockwall	Yes	9349
Bridge City	City	Beaumont	No	7840
Carthage	City	Panola	No	6779
White Oak	City	Rusk	No	6469
Gladewater	City	Rusk	No	6441
Fate	City	Rockwall	Yes	6357
Center	City	Shelby	No	5193
Van	City	Van Zandt	Yes	2632
Winona	City	Smith	Yes	576

*Cities with population over 5,000 or that have responded to the stakeholder survey*

Stakeholder Name	Stakeholder Type (City, Town, County)	County	Response?	Population
Hunt	County	Hunt	No	77902
Orange	County	Orange	Yes	53276
Jasper	County	Jasper	No	13247
Rusk	County	Rusk	No	25032
Smith	County	Smith	No	37621
Van Zandt	County	Van Zandt	No	28890
Rockwall	County	Rockwall	No	22085
Harrison	County	Harrison	No	43969
Gregg	County	Gregg	No	117350
Newton	County	Newton	No	12660
Total Key Counties Population				<b>270,713</b>
Total Region Population				<b>585,132</b>
Percentage (%) Covered				<b>50%</b>

*Coastal counties and counties with populous cities (over 5,000)*

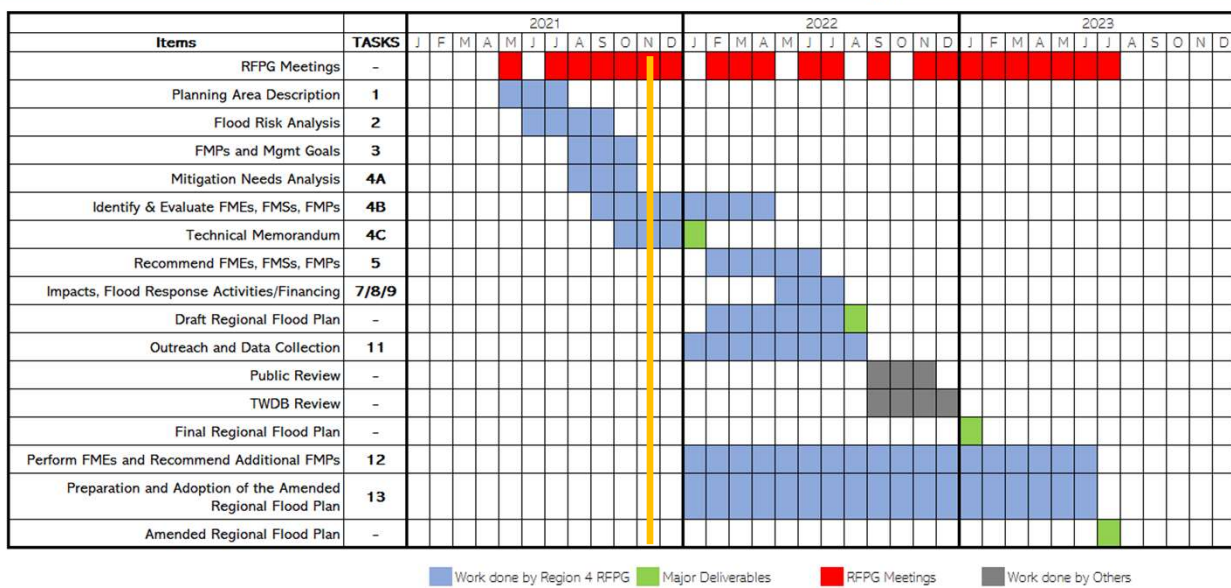
4

## New Tasks per Contract Amendment with TWDB

- Schedule
  - Tech Memo: **January 7, 2022**
  - Draft Regional Flood Plan: **August 1, 2022**
  - Final Regional Flood Plan: **January 10, 2023**
  - Amended Regional Flood Plan: **July 14, 2023**
  
- Budget
  - Task 11: Outreach & Data Collection: **15%**
  - Task 12: Perform FMEs, Recommend FMPs: **60%**
  - Task 13: Amend RFP: **25%**

5

## Planning Schedule



6

## RFP Goals – Potential Changes/Amendments

- Goal: Install warning signage at 100% of identified low water crossings in the floodplain (short term goal)
  - Goal was discussed, but conversation quickly turned to the second and third goals of improving low water crossings. Thus, the first goal didn't have a motion/second to be approved.
- Approved Goal: "Increase funding to communities to establish or improve documented, operational stormwater asset management and maintenance operations to 50%."
  - Discussed goal: "Increase the number of communities with documented, operational and funded stormwater asset management plan and maintenance operations to 50%."

7

## SETX Regional Goal Comparison- Comparable Goals

RFPG Region Name	Education and Outreach	Funding				Mitigation Projects	Protect Property	
	<u>Education &amp; Outreach</u>	<u>Expand Funding- Projects</u>	<u>Expand Funding - Self-Funding</u>	<u>Expand Funding - State</u>	<u>Expand Funding- O&amp;M</u>	<u>Mitigation Projects</u>	<u>Protect Life &amp; Safety- Repetitive Loss</u>	<u>Protect Life &amp; Safety- Structures</u>
Sabine	*				*	*		*
Neches		*	*		*	*		*
Trinity	*							
San Jacinto	*			*		*		*
Lower Brazos	*						*	

8

## SETX Regional Goal Comparison- Suggested Additions

RFPG Region Name	Improve Data					Policy and Regulation	Protect Life and Safety					
	Improve Data- Database	Improve Data - Detailed Studies	Improve Data- Gages	Improve Data- Stormwater Asset Management	Improve Data- Latest Rainfall	Policy and Regulation	Protect Life & Safety- Agriculture	Protect Life & Safety- Critical Facilities	Protect Life & Safety- Nature-Based Practices	Protect Life & Safety- Protect Natural Areas	Protect Life & Safety- Warning Systems	Protect Life & Safety- Roadway Flooding
Sabine		*	*	*	Suggested	Suggested		*	Suggested		*	*
Neches	*	*	*					*	*			
Trinity		*			*	*	*			*		
San Jacinto					*	*		*	*			*
Lower Brazos		*	*		*	*		*			*	

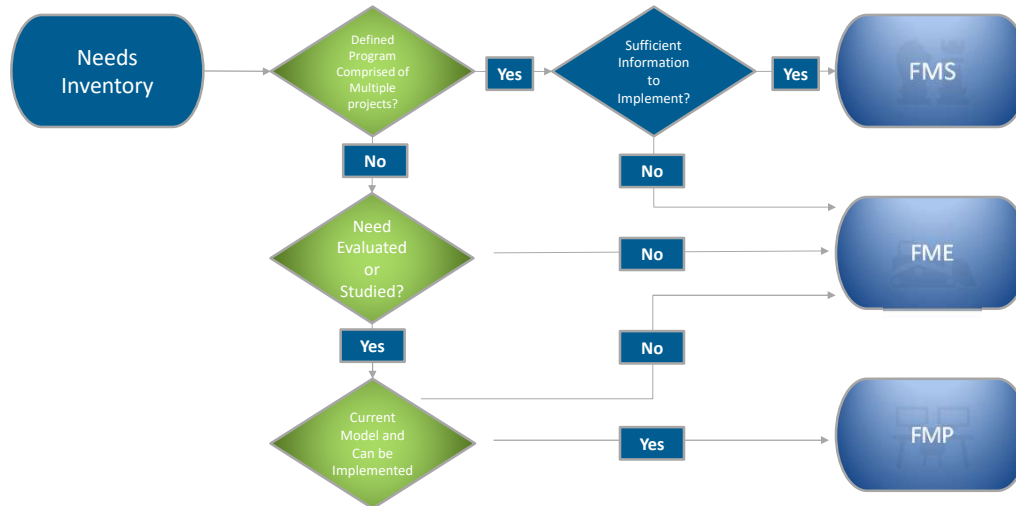
9

## Task 4B: FME / FMS / FMP Descriptions

- **FME: Flood Management Evaluation**
  - Requires technical study to better quantify or update outdated flood risk information
- **FMS: Flood Management Strategy**
  - Proposed plan to reduce flood risk or mitigation flood hazard to life/property
  - *Requires NAI analysis*
- **FMP: Flood Mitigation Project**
  - Upon implementation, project will reduce flood risk, mitigate flood hazards to life/property.
  - Can be structural or non-structural
  - *Requires NAI analysis*

10

## Process for Identifying FME, FMS, FMP



11

## Task 4C – Deliverables

- Tech Memo – January 7, 2022
  - List of Political Subdivisions with Flood-Related Authority, Responsibilities
  - List of Previous Flood Studies relevant to RFP
  - List and Map of Flood-Related Models
  - Flood Mitigation and Floodplain Management Goals
  - Process to Identify FMS/FMP/FME
  - List of Potential FMEs
  - List of Potentially Feasible FMP/FMSs
  - All Related GIS Data
- Tech Memo – Extended to March 7, 2022
  - Existing and Future 100-YR and 500-YR inundation boundaries
  - Flood-Prone Areas

12

## Task 4C – Tech Memo Schedule

- Interim Deliverable due to TWDB **January 7, 2022**
- Draft Tech Memo provided to SRA for distribution to RFPG on Monday, November 15<sup>th</sup>
  - Please provide comments to FNI by comments by **FRIDAY, DECEMBER 3<sup>rd</sup>**
  - FNI will incorporate comments and produce final Tech Memo
- RFPG to vote on approval of Tech Memo at December Meeting

13

## Planning Schedule

OCTOBER

- RFPG to vote on Regional Goals
- RFPG to vote on FME/FMS/FMP process
- Hold public meeting to present existing flood risk in Orange

NOVEMBER

- Hold public meeting to present existing flood risk in Longview
- CT to provide RFPG draft Tech Memo for Review

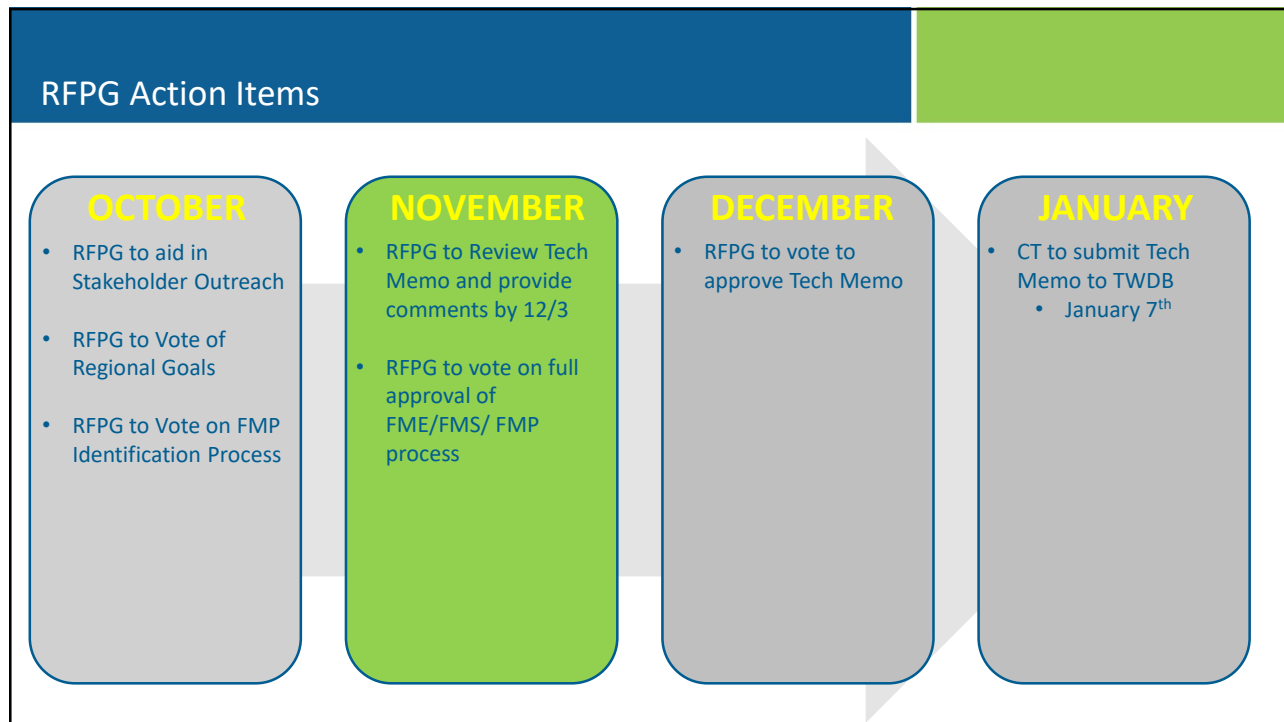
DECEMBER

- RFPG to vote to approve Tech Memo
- CT to Update flood risk information with new Fathom Data

JANUARY

- CT to submit Tech Memo to TWDB
  - January 7<sup>th</sup>

14



15

## Discussion / Questions

16