

Sabine Regional Flood Planning Group Meeting
Sabine River Authority General Office – Orange, TX
July 14, 2021
1:30 PM

NOTE: This meeting will be conducted in person with limited seating by reservation (see below) and via Zoom

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

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.

Meeting will be held at the Sabine River Authority of Texas' Authority General Office 12777 Hwy 87 N; **please use the Hwy 87 entrance (main entrance).**

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

Region 4. Sabine River Flood Planning Group will hold a public meeting via Zoom pursuant to Texas Government Code, Section 551.127, as modified by the temporary suspension of various provisions in accordance with the Governor's March 13, 2020 proclamation related to, the COVID-19 pandemic.

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 General
Office- Orange, TX**

July 14, 2021 – 130 p.m.

AGENDA

1. Call to Order.

Presenter: Johnny Trahan, Chair

2. Roll Call.

Presenter: Mark Howard for Jeff Roges, Secretary

3. Welcome, Meeting Facilitation Information, and Instructions.

Presenter: Johnny Trahan, Chair

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

Presenter: Johnny Trahan, Chair

5. Discussion and Approval of minutes from the previous Region 4 Sabine RFPG meeting held May 26, 2021.

Presenter: Johnny Trahan, Chair

6. Update from Chair.

Presenter: Johnny Trahan, Chair

7. Update from the Texas Water Development Board

Presenter: Ryke Moore

8. Region 5. Neches RFPG Report.

Presenter: Don Carona

9. Update from Freese and Nichols.

Presenter: Mike Reedy

10. Consider date and agenda items for next meeting.

Presenter: Johnny Trahan, Chair

11. Adjourn.

Presenter: Johnny Trahan, Chair

AGENDA ITEM 1: CALL TO ORDER

PRESENTED BY: JOHNNY TRAHAN, CHAIR

Chair Johnny Trahan 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>	
Don Carona	<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>
Colleen Jones	General Land Office (GLO)	
Kathy Saucedo	Texas Commission on Environmental Quality (TCEQ)	
Manuel Martinez	Texas Department of Agriculture (TDA)	
Brian Hurtuk	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)	
Ryke Moore	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: WELCOME, MEETING FACILITATION
INFORMATION, AND INSTRUCTIONS**

PRESENTED BY: JOHNNY TRAHAN, CHAIR

RECOMMENDED ACTION

No action required.

AGENDA ITEM 4: PUBLIC COMMENTS

PRESENTED BY: JOHNNY TRAHAN, CHAIR

SUPPORTING INFORMATION

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

RECOMMENDED ACTION

No action required.

AGENDA ITEM 5: DISCUSSION AND APPROVAL OF MINUTES

PRESENTED BY: JOHNNY TRAHAN, CHAIR

SUPPORTING INFORMATION

Discussion and approval of minutes from the previous Region 4 Sabine RFPG meeting held May 26, 2021.

RECOMMENDED ACTION

Discuss and approve minutes.

MOTION:_____ SECOND:_____APPROVED: _____

MEETING MINUTES



Innovative approaches
Practical results
Outstanding service

PROJECT: SRA21380
NAME OF MEETING: Regional Flood Planning Group (RFPG) – May 2021 Meeting
RECORDED BY: Mat Leclair, PE, CFM, CPESC
DATE: May 26, 2021; 1:30pm
LOCATION: Virtual
DATE SENT FOR APPROVAL: May 26, 2021
DATE FINALIZED: July 2, 2021
ATTENDEES:

Mike Reedy (FNI)	Douglas Manning
Mat Leclair (FNI)	Mark Howard
Ryke Moore (TWDB)	Colleen Jones
Clyde McKee	Vance Liles
Kathy Saucedo	Manuel Martinez
Don Carona (OCDD)	Ross Gordon
Robert Murray	Johnny Trahan
Bob Baker	Nikki Davis
Chad Johnson (LJA)	Alton Bradley
Sonia M	Jeff Rodgers
Roman Griffin	Travis Williams
Bill Bruce	James Bronikowski

The following reflects our understanding of the items discussed during the subject meeting. If you do not notify us within five working days, we will assume that you are in agreement with our understanding.

ITEM	DESCRIPTION	PRESENTER
1.	Call to Order	Johnny Trahan
2.	Roll Call - 7 out of 11 voting members: Quorum confirmed	Johnny Trahan
3.	Welcome	Johnny Trahan
4.	Receive General Public Comments - None.	Johnny Trahan
5.	Discussion and Approval of minutes from previous Region 4 RFPG - Clyde McKee: legal name is Clyde, but used Tad on the minutes. Since this is a legal public meeting, recommending changing to Clyde. - Minutes approved with minor changes - Motion passes	Johnny Trahan
6.	Consider nominating and selecting replacement for Region 4 Sabine RFPG to fill vacancy for River Authority representative - Johnny Trahan recommended and nominated Travis Williams (Assistant General Manager - Operations for Sabine River Authority) - Clyde McKee seconded	Johnny Trahan

ITEM	DESCRIPTION	PRESENTER
	<ul style="list-style-type: none"> - Passes 	
7.	Consider nominating and selecting Vice Chair <ul style="list-style-type: none"> - Clyde McKee nominated Travis Williams - Second by Don Corona - Passes 	Johnny Trahan
8.	Consider nominating and selecting replacement for the Executive Committee if needed. <ul style="list-style-type: none"> - No action 	Johnny Trahan
9.	Update from Chairman <ul style="list-style-type: none"> - Freese and Nichols Contract - Pre-Planning meetings held on May 10th and May 13th <ul style="list-style-type: none"> o Planning group committee members were present at both meetings. 	Johnny Trahan
10.	Update from the Texas Water Development Board (TWDB) <ul style="list-style-type: none"> - Posted finalized technical guidelines on website <ul style="list-style-type: none"> o All technical work must follow these guidelines - Subconsultant contracts need to be sent to TWDB – April 2 email - Floodplain quilt updated and uploaded to website at data hub. 	Ryke Moore
11.	Region 5 – Neches RFPG Report <ul style="list-style-type: none"> - FNI serving as consultant for both groups. - USACE presentation on Lake Rayburn. - Could be a good presentation for this group for the Toledo Bend Reservoir 	Don Corona
12.	Update from Freese and Nichols <ul style="list-style-type: none"> - Progress since last RFPG Meeting <ul style="list-style-type: none"> o Under contract and working with subs. Should have subconsultant agreements in place by next week. o Reviewed documents from the TWDB o Identified specific data needed for the RFP o Identifying data needs and GIS processes o Developing survey to send out to gather data - Outreach effort over next 60 days <ul style="list-style-type: none"> o Relatively long, but it is electronic. o Will send to RFPG to get input. o Web-based mapping system allowing individuals to input information. o Stakeholder side of the outreach – wanting to set up individual meetings with major cities to identify what their major concerns are, major projects, major plans, etc. to include in the regional plan. o Consider whether or not we want to establish a smaller group/committee. o Data analysis leading to the flood risk map for the region to identify the major flood risks within the 	Mat Leclair (FNI) Mike Reedy (FNI)

ITEM	DESCRIPTION	PRESENTER
	basin. Map will be available for public comment and is a major milestone in the project.	
13.	Presentation: Overview of the Sabine Basin <ul style="list-style-type: none"> - 21 TX counties, 6 LA parishes - Approx. 9700 sq. mi. - 14 reservoirs – all water supply lakes, none for flood control - USGS maintains 40 gage locations - In process of adding 5 rain gages and 6 flow gages - 2019: 618,536 in population, \$51k median per capita income Mike Reedy – flood infrastructure <ul style="list-style-type: none"> - Flood Infrastructure Fund (FIF) is tied to the RFP - Looking at large, regional type projects (dams, levee systems, conveyance systems, etc.) - All 3 grant applications were approved <ol style="list-style-type: none"> 1. Gage Plan 2. Upper basin planning study (Kilgore/Longview area) 3. Lower basin planning study (Below Toledo Bend) - 	Mark Howard
14.	Consider date and agenda items for next meeting <ul style="list-style-type: none"> - July 14th at 1:30pm virtually and in-person 	Johnny Trahan
15.	Adjourned at 2:25 pm	

ACTION ITEMS			
WHAT	WHO	WHEN	STATUS
1. Finalize Survey questions and send to RFPG for input	FNI Team	By June 4	
2.			
3.			
4.			
5.			

AGENDA ITEM 6: UPDATE FROM CHAIRMAN.

PRESENTED BY: JOHNNY TRAHAN, CHAIR

SUPPORTING INFORMATION

RECOMMENDED ACTION

No action required.

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

PRESENTED BY: RYKE MOORE, TWDB

SUPPORTING INFORMATION

RECOMMENDED ACTION

No action required.

AGENDA ITEM 8: REGION 5. NECHES RFPG REPORT.

PRESENTED BY: DON CARONA

SUPPORTING INFORMATION

RECOMMENDED ACTION

No action required.

AGENDA ITEM 9: UPDATE FROM FREESE AND NICHOLS

PRESENTED BY: MIKE REEDY

SUPPORTING INFORMATION

RECOMMENDED ACTION

No action required.

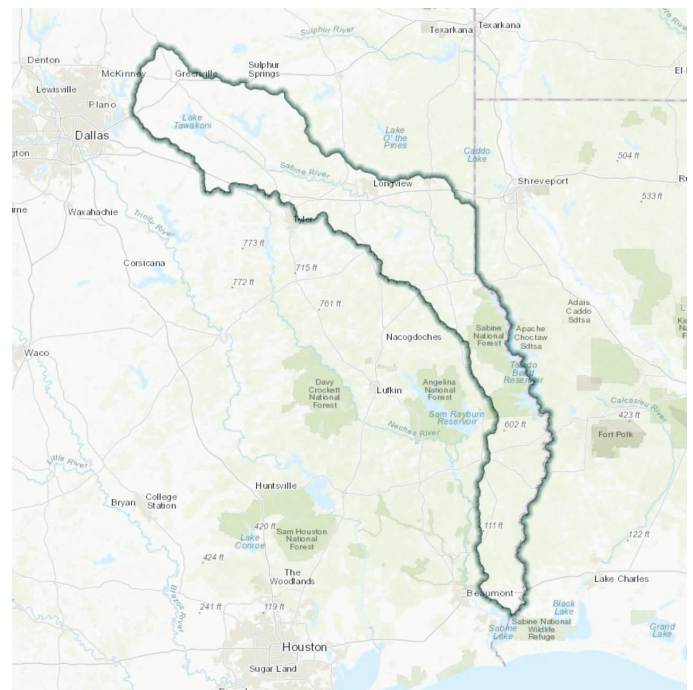
Update from Consultant Team

Sabine River Regional Flood Planning Group (RFPG)

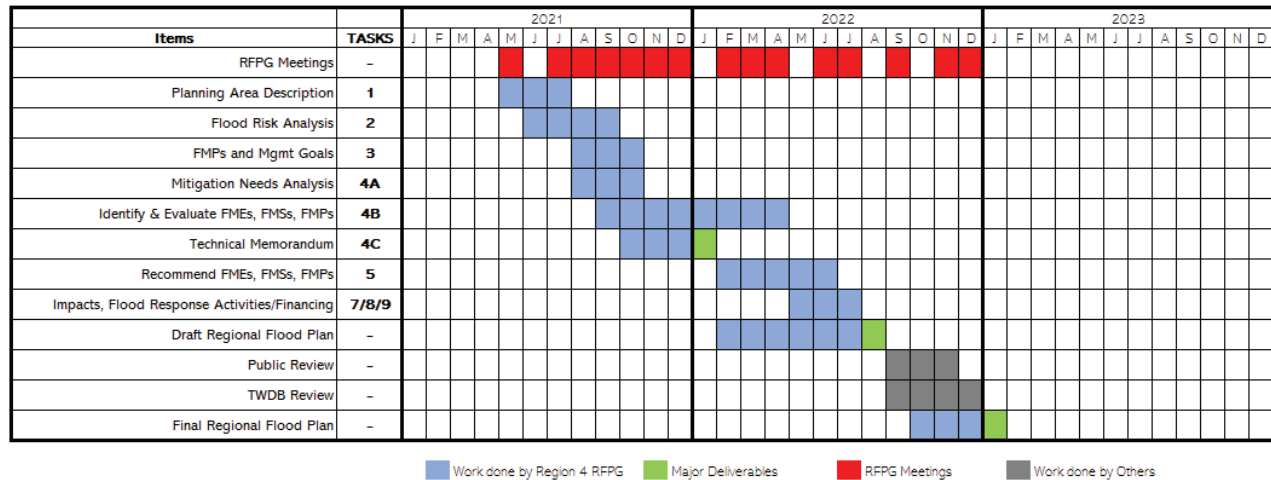
July 14, 2021

Regional Flood Plan Updates

- Schedule
- RFP Items
- Data Collection / Survey / Stakeholder Outreach
- Existing Flood Risk Data
- Survey Demo
- Upcoming Schedule
- Discussion



Planning Schedule



Task 1 – Planning Area Description

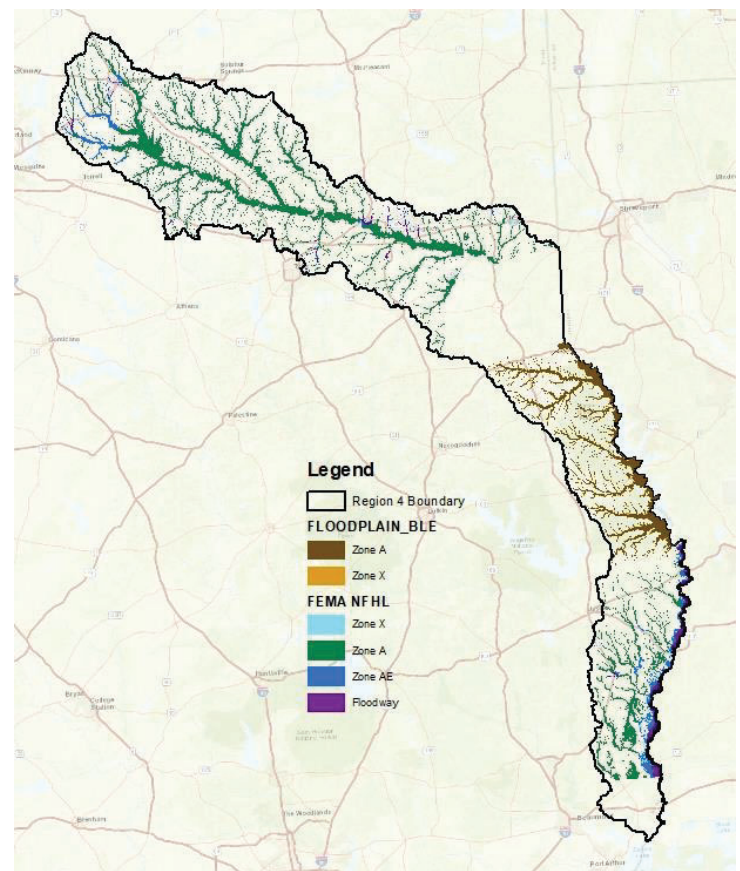
- GOALS:
 1. Describe Flood Planning Region
 2. Inventory and Assess Existing Infrastructure
 3. Describe Funded/Ongoing Flood Mitigation Projects

Task 2 – Existing and Future Flood Hazard

- GOALS:
 1. Perform existing and future flood risk analyses
 - a. Hazard
 - b. Exposure
 - c. Vulnerability
- Hazard: Floodplain Quilt + Survey info
- Exposure: who/what might be exposed
- Vulnerability: critical structures + SVI
- **Maps made available to the public**

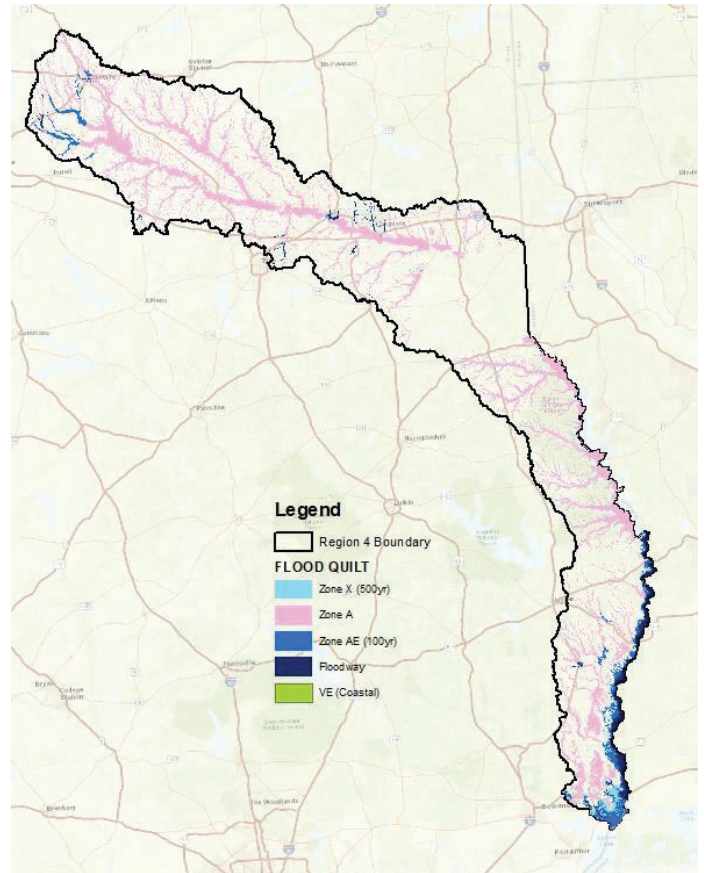
Task 2 – Existing and Future Flood Hazard

- Existing Flood Hazard
 - FEMA NFHL
 - Base Level Engineering (BLE)
 - First American Flood Data Services (FAFDS)



Task 2 – Existing and Future Flood Hazard

- Floodplain Quilt
- Notes:
 - Mostly approximate Zone A's
 - Very few detailed studies in the entire watershed
 - No digital data in Panola County

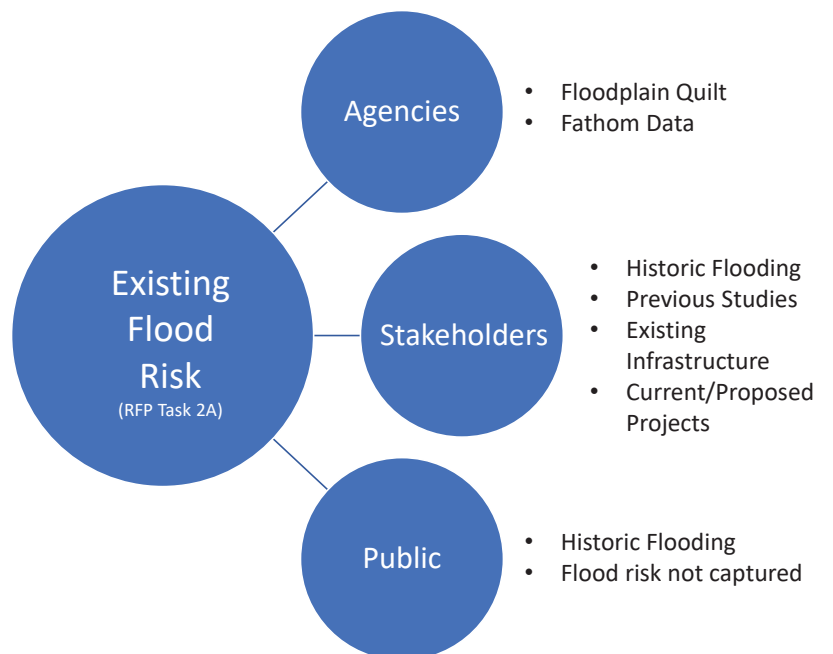


Data Collection / Survey / Stakeholders

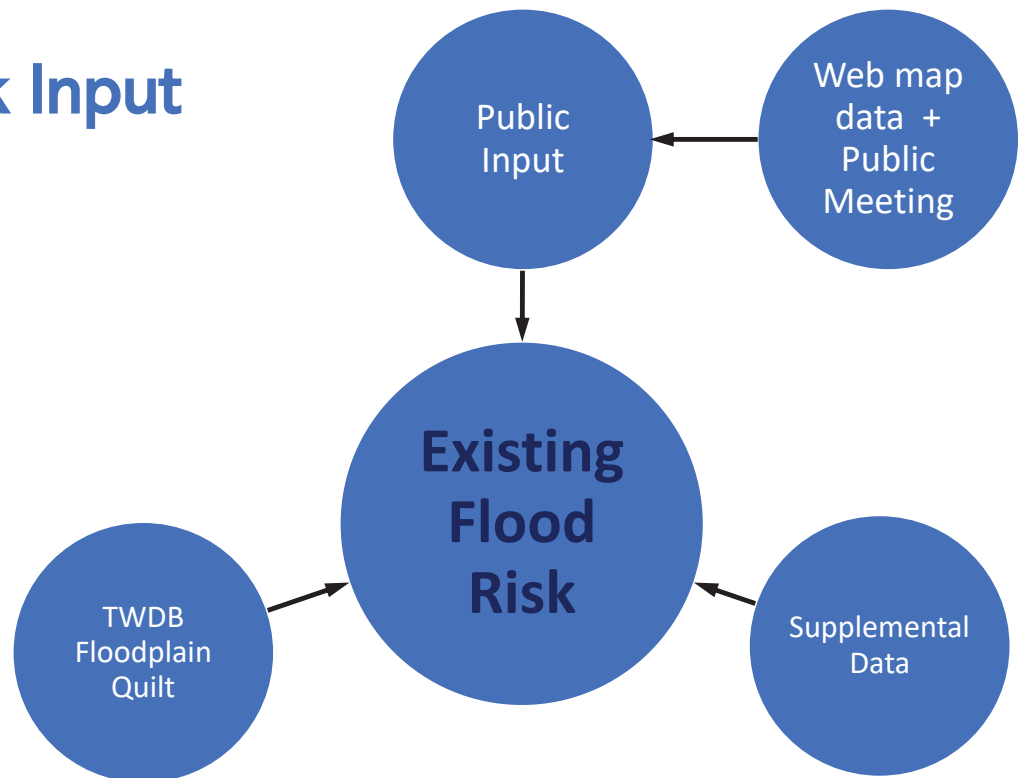
GIS Resources
Texas Flood Planning

The following GIS resources have been gathered to assist the Texas Regional Flood Planning Groups (RFPGs). Many of the referenced layers are intended for cartographic purposes. Before using layers for engineering or modeling, check the intended use on the original site.

Critical Infrastructure	Flood Infrastructure	Flood Risk	Hydrology	Jurisdiction Boundaries
Parks	Population	Property	Terrain	Transportation



Flood Risk Input



Interactive Survey

Interactive Webmap

- Flood Prone Areas
- Flood Management Projects

Survey Questionnaire

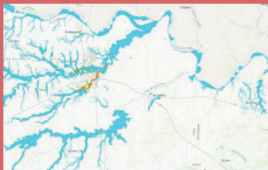


- Based on user profile
 - Community official/stakeholder
 - Public

Data Upload

- Limited to 100 MB
- Secure File Transfer Link for larger files

Get Involved!

We are looking for your help to develop the first-ever flood plan for the Canadian-Upper Red Region. Please use the links below to provide your input.

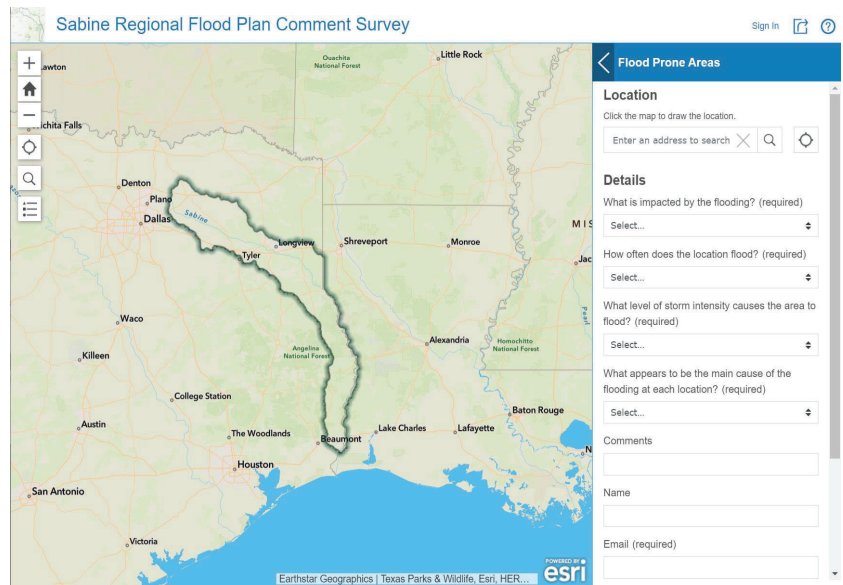
 <p>Put it on the Map</p> <p>Use the interactive map to help us identify areas of flood risk in your region.</p> <p>See the interactive map</p>	 <p>Take the Survey</p> <p>Take the survey to provide input on flooding issues and floodplain management goals specific to your region.</p> <p>Take the Survey</p>	 <p>Upload Data</p> <p>Help us collect data to strengthen this plan.</p> <p>Upload Data</p>
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Survey Demo

- Survey developed based on information requested during RFP cycle per TAC
- 54 Questions for local agencies/entities
- 15 Questions for public input

ACTION ITEMS

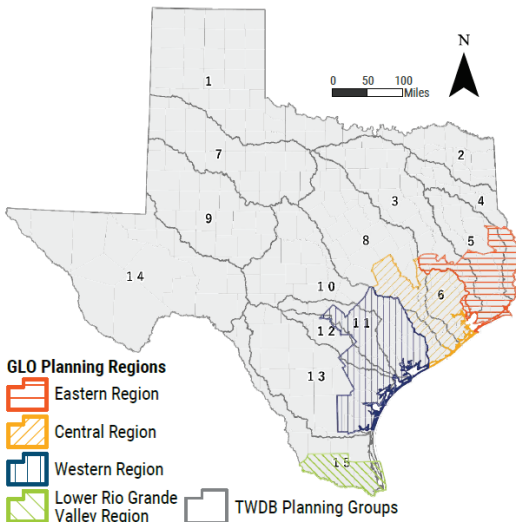
- RFPG survey questions – input
- Recommending to go live with survey in late-July
- Determine how long to keep survey active



GLO Coordination

Flood Planning Areas

Texas General Land Office and
Texas Water Development Board



- GLO PMs have approved coordination with RFP efforts
- GLO has not yet approved release of GLO survey results.
 - Can collect survey questions
 - Can collect list of stakeholders who have and have not responded to GLO survey

Opportunity: Leverage GLO survey to target future stakeholder outreach

Task 3 – Eval. & Recommend Floodplain Management Practices

- GOAL:
 - 3A: Evaluate and make recommendations on floodplain management practices within the region
 - Identify and reduce risk and impact to life & property
 - Avoid increasing or creating new risk by addressing future development
 - 3B: Define overarching flood mitigation and management goals
 - Guides approach and recommendations
 - Short term (10yr) & long term (30yr)
 - Specific and achievable goals and will demonstrate progress upon implementation

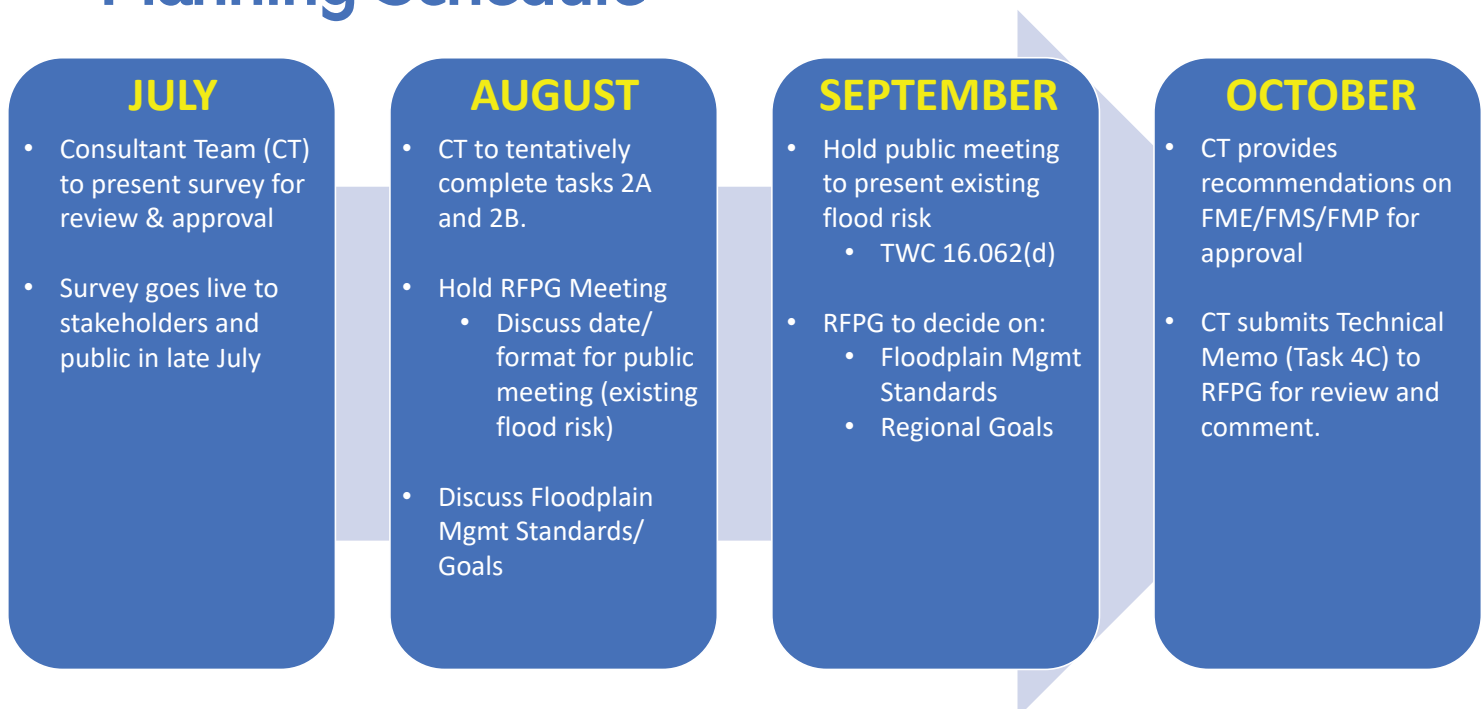
Task 4 – Flood Mitigation Needs Analysis

- GOAL: Evaluate and make recommendations on floodplain management practices within the region
 - Identify and reduce risk and impact to life & property
 - Avoid increasing or creating new risk
- 4A: Mitigation Needs Analysis
- 4B: FME / FMS / FMP
- 4C: Technical Memorandum

Task 4 – Flood Mitigation Needs Analysis

- 4A: Mitigation Needs Analysis
 - Identify most flood prone areas (data + FPM performance)
 - Identify gaps
- 4B: Identify FME/FMS/FMP
 - FME: Areas with inadequate data which need a detailed study/evaluation
 - FMS: Strategy recommendations to reduce risk of flooding
 - FMP: Constructable projects to reduce flood risk
 - **ALL MUST BE VOTED ON/APPROVED BY RFPG ⇒ October**
- 4C: Technical Memorandum
 - **DUE JANUARY 2022 to TWDB**

Planning Schedule



Discussion



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

RESENTED BY: JOHNNY TRAHAN, CHAIR

SUPPORTING INFORMATION

RECOMMENDED ACTION

Date:_____ Time:_____

AGENDA ITEM 11: ADJOURNMENT

PRESENTED BY: JOHNNY TRAHAN, CHAIR

SUPPORTING INFORMATION

There being no other business, Chair Trahan will adjourn the meeting.

TIME: _____

RECOMMENDED ACTION

MOTION: _____ SECOND: _____ APPROVED: _____