Region 8 - Lower Brazos
Regional Flood Planning Group

LOWER BRAZOS REGIONAL FLOOD PLANNING GROUP

Thursday, June 24, 2021

10:00 AM

VIRTUAL MEETING

Region 8 - Lower Brazos
Regional Flood Planning Group

1. **Call Meeting to Order**
2. **Attendance and Announcements**
3. **Approval of Minutes from the Previous Meeting**

May 13, 2021 and the June 2, 2021 Pre-Planning Meeting

4. **Public Input** ***(limited to 3 minutes each)***

Meeting Minutes

REGION 8 - LOWER BRAZOS REGIONAL FLOOD PLANNING GROUP

Virtual Meeting

10:00 a.m. – Thursday, May 13, 2021

Click here to join the meeting

Phone: 469-206-8623 Conference ID: 454 450 417#

1. **Call Meeting to Order.**
   Chair Brandon Wade called the meeting to order at 10:00am with a quorum present.

2. **Attendance and Announcements**
   Roll Call:
   Voting Members

Susan Alford	P	Glenn Lord	P
Anthony Beach	P	Matt Phillips Alt. Brad Brunett	Alt.
Sujeeth Draksharam	P	Gary Spicer	A
Andrew Earles	A	Mark Vogler	P
Alysha Girard	P	Brandon Wade	P
David Lilly	P	Claudia Wright	P
P- Present, A- Absent,			

   Quorum Present: Yes. Quorum is 7 of 12 voting members.

   Brad Brunett attended as alternate for Matt Phillip.

3. **Approval of Minutes from the March 25, 2021 meeting**
   The March 25, 2021 meeting minutes were accepted as presented. Susan Alford made the motion to accept the minutes and Alysha Girard seconded the motion. The motion passed unanimously.
4. **Public Input - Public questions and comments on agenda items or flood planning issues *(limited to 3 minutes each)***
   Brandon opened the floor for public comments. The Chair received a letter from the Brazos River Authority, Chairman Wade read the letter to the planning group and directed that the letter be included in the meeting minutes for the record.
5. **Report and possible discussion on report from Texas Water Development Board (TWDB) staff**
   Ryke Moore, TWDB Regional Planner, provided a brief update of the Guidance Documents on the TWDB Regional Flood planning website.

6. **Report and possible discussion on report by Regional Planning Sponsor**
   Pam Hannemann, BRA Regional Planner, provided updates on the flood planning sponsor activities. The TWDB contract with BRA was executed on April 15, 2021. BRA is working with Halff Associates to execute the Professional Services Agreement for conducting the tasks of the technical consultant.
7. **Technical Consultant Update - Presentation from Halff Associates**
   Sam Hinojosa with Halff Associates presentation served as an introduction of the staff working on the flood plan and provided insight to the timeline to complete the project, and outline for public education and outreach.
8. **Discussion and possible recommended action on pre-planning meetings**

   Sam Hinojosa sought input from the planning group on guidance for planning the pre-planning meetings. The group determined that holding virtual meeting would be the most efficient way of conducting these meetings and holding one meeting in the evening to potentially allow for public to attend outside of regular business hours. Pre-planning meetings for Region 8 will be held on June 2, 2021 at 6:00pm and during the regular meeting scheduled for June 24, 2021 at 10:00am.

9. **Report from Non-voting Member Agencies (TPWD, TDEM, TDA, TSSWCB, GLO, TCEQ, USACE, FEMA, Fort Bend Subsidence District and Brazoria County)**

   Reports were provided by Steve Bednarz - TSSWCB, Brook Bacutes - GLO, USACE - Landon Erickson, Fort Bend Subsidence District – Mark Turco.

10. **Report from Liaisons (Region 6, Coastal, Region 7, Brazos G and Region H)**

    Reports from Liaisons updated the planning group on regional planning activities. Regions are completing the task of selecting their technical consultants and planning and conducting pre-planning meetings. Reports on Regional Water Planning noted that both Brazos G and Region H are early in the process of RFQ and the selection of technical consultants.

11. **Report from Lower Brazos RFPG Chair**
    Chairman Wade thanked everyone for providing input and looks forward to moving forward in the regional flood planning process.
12. **Discussion on Region 8 Group meetings for virtual and in-person**

    Chairman Wade recommended that the group continue with virtual meetings. Glenn Lord commented that he prefers virtual meetings due to the efficiency and productivity.

13. **Discussion on new business to be considered at next meeting**
14. **Confirmation of next meeting date**

    The next meeting of the Region 8 LBRFPG will be on June 24, 2021.

15. **Adjourn**

    Meeting was adjourned at 10:59am by Brandon Wade.

Brazos River Authority

April 30, 2021

Mr. Brandon Wade, PE
General Manager/CEO
Gulf Coast Water Authority
3630 FM 1765
Texas City, Texas 77591

Re: Evaluation of the Lower Navasota River

Dear Chairman Wade,

I am writing this letter on behalf of the Brazos River Authority (BRA) requesting the State and Regional Flood Planning Process -Region 8 (Lower Brazos Regional Flood Planning Group) evaluate the lower Navasota River in your initial flood planning efforts. This river segment has a history of flooding, and the evaluation of drainage and flood mitigation solutions is greatly needed.

BRA has extensive data on flows in the Navasota River, including the operation of Lake Limestone, and would be willing to make available resources to help evaluate solutions. Flow data from before and after the completion of the Sterling C. Robertson dam at Lake Limestone demonstrates that the Lake does not exacerbate downstream flooding beyond that which would have occurred naturally in the dam's absence. Lake Limestone was designed and constructed as a water supply reservoir to be operated at its conservation pool elevation of 363 feet above mean sea level. It was not designed or intended for flood control, and efforts to change its purpose or method of operation to provide flood control cannot be achieved without jeopardizing water supply reliability or dam safety. Therefore, study efforts should focus on other flood mitigation options.

As you are aware, in 2019 BRA completed the Lower Brazos Flood Protection Planning Study. This was an effort with multiple local stakeholders along the lower Brazos River to develop a comprehensive basin-based flood protection planning study to more accurately determine the overall existing flood hazards and determine ways to mitigate and manage flood impacts.

One of the recommendations of that study was to develop a hydraulic model for the Navasota River. Waller County requested and successfully received state funding through the Texas Water Development Board Flood Infrastructure Fund for this purpose, which BRA supported. The model that will ultimately be developed as part of the Waller County study on the Navasota River should be incorporated into the State and Regional Flood Planning Process to evaluate flood impacts and determine possible flood mitigation options along the lower Navasota River.

4600 Cobbs Drive • P.O. Box 7555 • Waco, Texas 76714-7555
254-761-3100 • FAX 254-761-3215

If our organization can be of any assistance, feel free to reach out to me at 254.761.3100.

Sincerely

David Collinsworth
General Manager/CEO

Approved by the Region 8 Lower Brazos RFPG at the June 24, 2021 meeting.

Matt Phillips, Secretary

Brandon Wade, Chairman

Meeting Minutes

REGION 8 - LOWER BRAZOS REGIONAL FLOOD PLANNING GROUP
PRE-PLANNING MEETING

Virtual Meeting

Wednesday, June 2, 2021 at 6:00 p.m.

Click here to join the meeting

Phone: 469-206-8623 Conference ID: 908 048 120#

1. **Welcome**

   Chair Brandon Wade called the meeting to order at 6:00pm with a quorum present. Chair Wade welcomed everyone and thanked them for attending.

   Roll Call of Voting Members:

Susan Alford	A	Glenn Lord	A
Anthony Beach	P	Matt Phillips	P
Sujeeth Draksharam	P	Gary Spicer	A
Andrew Earles	A	Mark Vogler	P
Alysha Girard	P	Brandon Wade	P
David Lilly	A	Claudia Wright	P
P- Present, A- Absent,			

   Quorum Present: Yes. (Quorum is 7 of 12 voting members.)

2. **Introductions**

   Chair Wade introduced Halff Associates as the Technical Consultants for Region 8.

3. **Presentation on Purpose of Regional Flood Planning in the Lower Brazos Basin**

   Sam Hinojosa with Halff Associates gave the presentation.

4. **Public Comments as part of the pre-planning efforts to receive public input on the Region 8 2023 Lower Brazos Regional Flood Plan. Please limit public comments to 3 minutes each.**

   Three individuals provided public comments.

5. **Adjourn**

   Meeting was adjourned at 6:49pm by Brandon Wade.

Approved by the Region 8 Lower Brazos RFPG at the June 24, 2021 meeting.

Matt Phillips, Secretary

Brandon Wade, Chairman

Region 8 - Lower Brazos
Regional Flood Planning Group

5. Report and possible discussion on report from Texas Water Development Board (TWDB) staff

Region 8 - Lower Brazos
Regional Flood Planning Group

6. Presentation on Purpose of Regional Flood Planning in the Lower Brazos Basin, Halff Associates

Region 8 - Lower Brazos
Regional Flood Planning Group

www.lowerbrazosflood.org

Please limit public comments to 3 minutes each

Provide Written Comments to:

Pamela.Hannemann@brazos.org

www.lowerbrazosflood.org

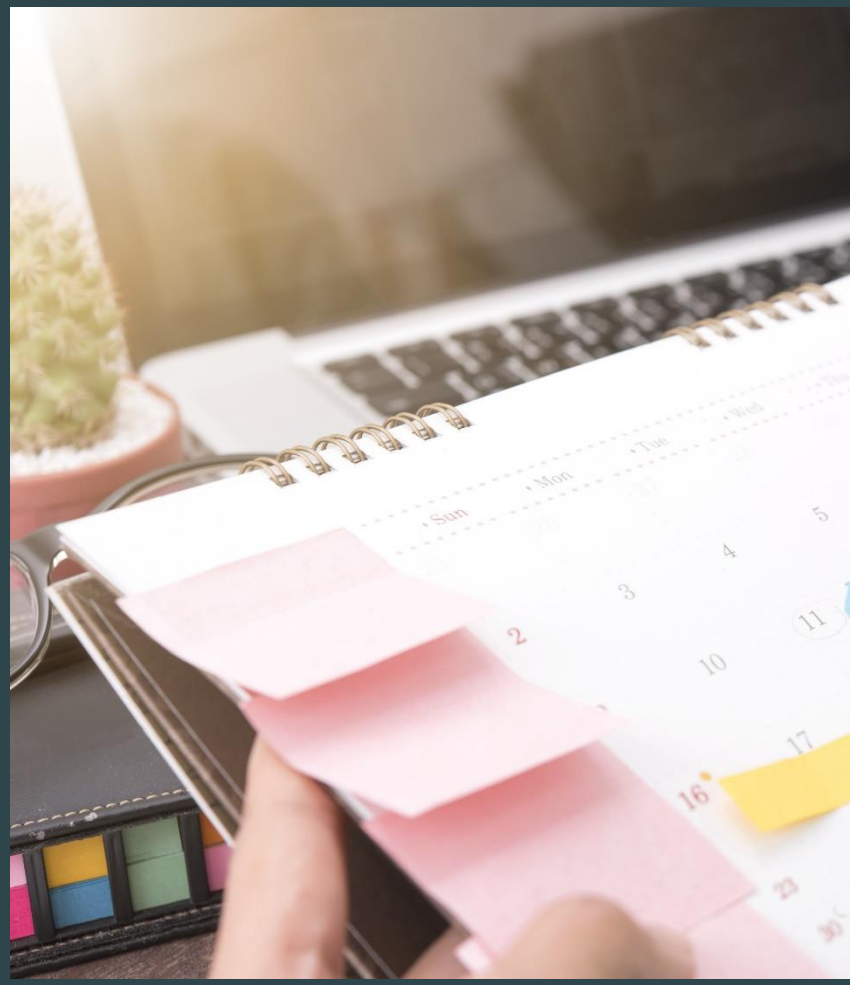
REGION 8
LOWER BRAZOS PRE-PLANNING MEETING

June 24, 2021

PRE-PLANNING MEETING

- Provide background on formation of Regional Flood Planning Group and the planning process.

- Gather suggestions and recommendations as to issues, provisions, projects, and strategies that should be considered in development of the regional flood plan.



TOPICS

- LOWER BRAZOS TEAM
- DELIVERABLES
- REGIONAL FLOOD PLANNING
- SCHEDULE
- STUDY GOALS
- DATA COLLECTION
- QUESTIONS OR COMMENTS

REGION 8 LOWER BRAZOS TEAM

RFPG MEMBERS (*Voting*)

Voting Members

Name	Interest Category	Email
Claudia Wright	Agricultural Interests	claudiaw@rwrealestate.com
David Lilly	Counties	david.lilly@grimescountytexas.gov
Gary Spicer	Electric Generating Utilities	gary.spicer@luminant.com
Susan Alford	Environmental Interests	salford@bergoliver.com
Mark Vogler	Flood Districts	Mark.Vogler@FortBendCountytx.gov
Glenn Lord	Industries	MGLord@Dow.com
Anthony Beach	Municipalities	abeach@mrbgroup.com
Sujeeth Drakshram	Public	s.draksharam.twdb@gmail.com
Matt Phillips, *Secretary*	River Authorities	matt.phillips@brazos.org
Andrew Earles	Small Business	abearles@yahoo.com
Alysha Girard, *Vice-Chair*	Water Districts	alysha.girard@ubcdams.org
Brandon Wade, *Chair*	Water Utilities	bwade@gcwater.org

RFPG MEMBERS *(Non-Voting)*

Non-Voting Members

Name ***Title***	**Agency**	**Email**
David Young *Hydrologist*	Texas Parks and Wildlife Department	David.Young@TPWD.Texas.gov
Natalie Johnson *Hazard Mitigation Planner*	Texas Division of Emergency Management	natalie.johnson@tdem.texas.gov
Michele Bobo *Field Representative*	Texas Department of Agriculture	Michelle.Bobo@TexasAgriculture.gov
Steve Bednarz *Flood Control Program Administrator/Engineer*	Texas State Soil and Water Conservation Board	sbednarz@tsswcb.texas.gov
Brooke Bacuetes *Community Outreach Coordinator*	General Land Office	Brooke.Bacuetes.glo@recovery.texas.gov
Ryke Moore *Regional Flood Planner*	Texas Water Development Board	ryke.moore@twdb.texas.gov
David Van Soest *Regional Director – Waco & Austin*	Texas Commission on Environmental Quality	David.Vansoest@tceq.texas.gov
Charles (Landon) Erickson *Lead Hydraulic Engineer*	US Army Corp of Engineers	Charles.erickson@usace.army.mil
Larry Voice *Senior Engineer*	Federal Emergency Management Agency, Region 6	larry.voice@fema.dhs.gov
Mike Turco *General Manager*	Fort Bend Subsidence District	mturco@subsidence.org
Matt Hanks *County Engineer*	Brazoria County	matth@brazoria-county.com

HALFF TEAM

HALFF®

FREESE AND NICHOLS

H2O PARTNERS

TORRES & ASSOCIATES, LLC
ENGINEERS | SCIENTISTS | PROFESSIONALS

SUSAN ROTH
water and wastewater consulting

Experts in

FLOOD CONTROL

70+ years of Flood Control Experience

25 *offices* *in* **5** *states*

over **1,000** *employees*

serving **Texas** *since 1950*

pioneered *watershed-based flood planning since 1968*

ROLES

RFPG RESPONSIBILITIES

- Support public and stakeholder engagement
- Identify key stakeholders
- Prepare for and participate in meetings and workshops
- Review and provide feedback on consultant deliverables
- Approve submittal of Chapters, Technical Memo, and Draft Regional Plan
- Adopt and submit the Regional Flood Plan

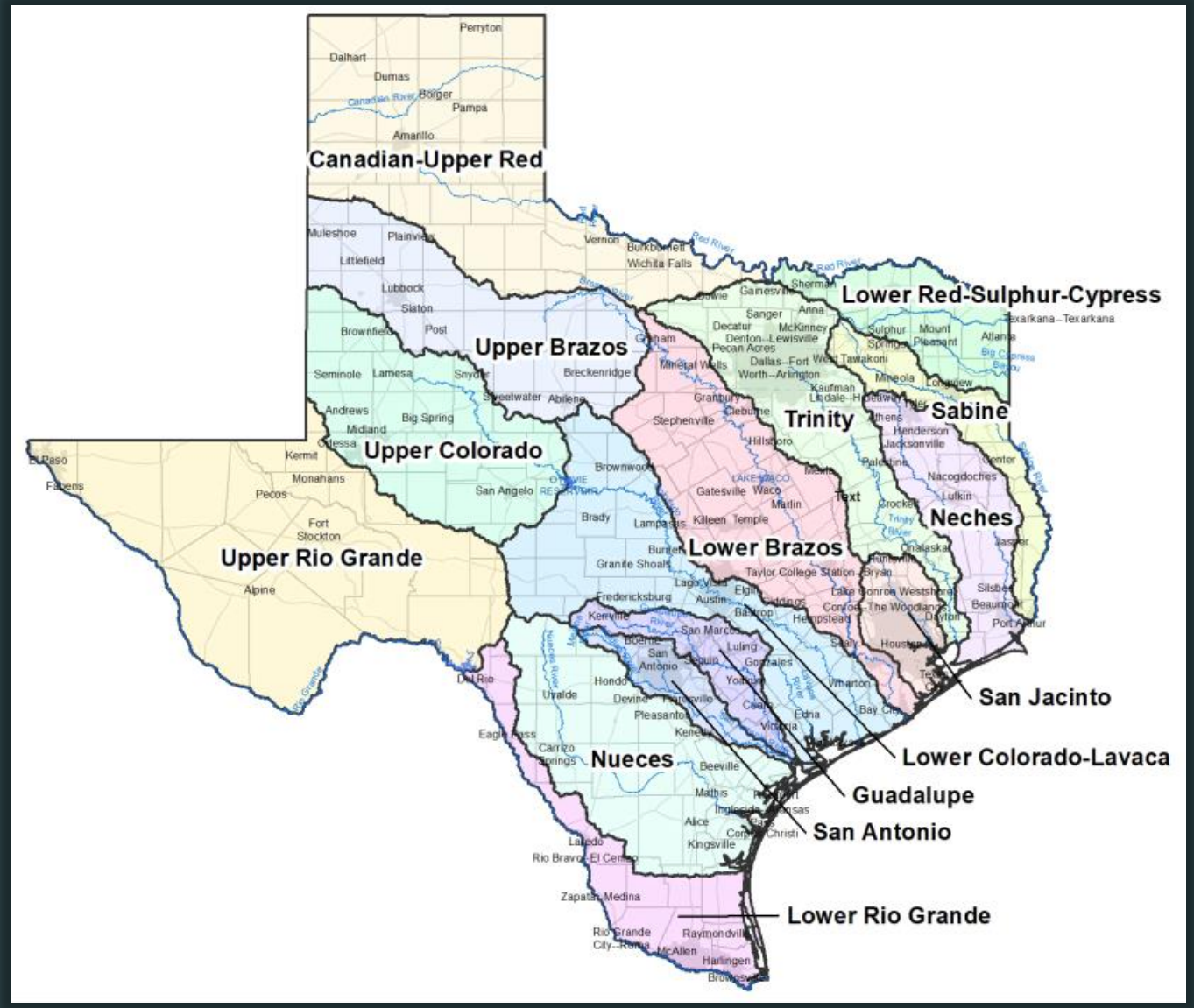
HALFF TEAM RESPONSIBILITIES

- Ensure compliance with TWDB requirements and schedule
- Guide and facilitate the planning process
- Facilitate public and stakeholder engagement
- Gather data/information
- Conduct planning and technical analysis
- Prepare Chapters, Technical Memo, Draft Report, and Final Report based on RFPG input

REGIONAL FLOOD PLANNING

STATE FLOOD PLAN

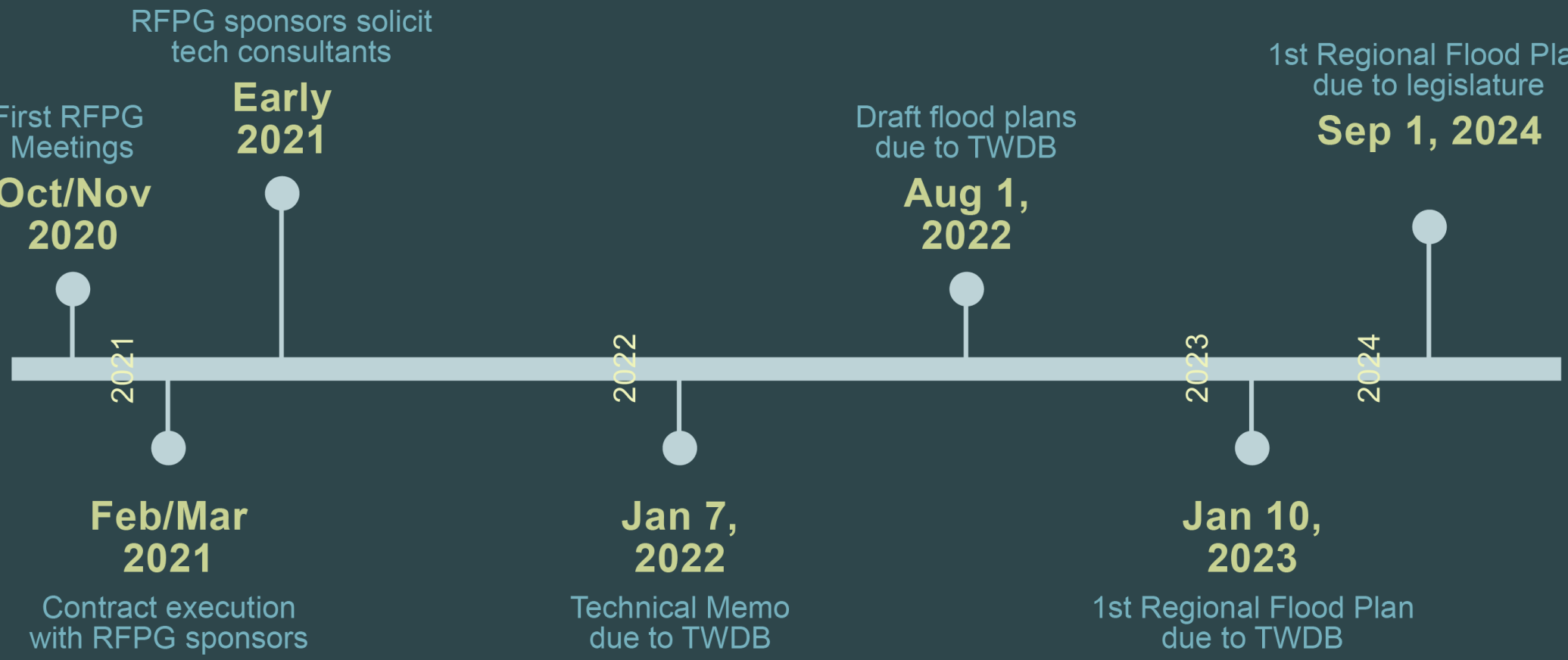
- In 2019, the 86th Texas Legislature passed Senate Bill 8
- SB8 provides a process for statewide flood planning
- Texas Water Development Board (TWDB) charged with implementing SB8



REGIONAL FLOOD PLAN

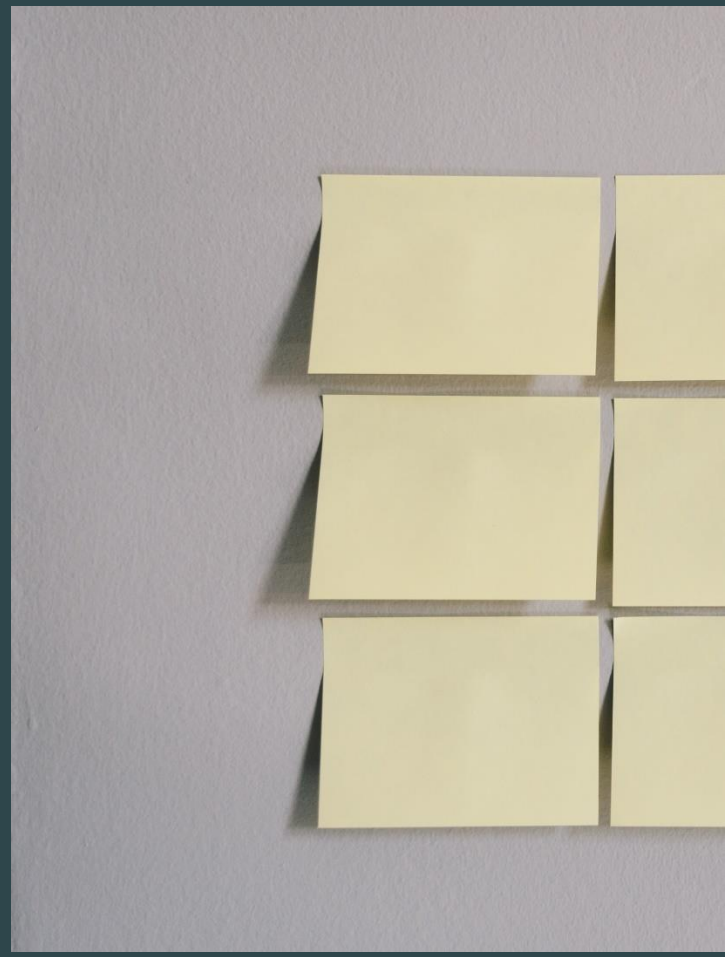
- Each regional flood planning group (RFPG) will develop regional flood plans
- Bottom-up approach to flood planning
- Updated plans required every 5 years
- Projects must be included in plan to be considered for TWDB funding assistance

FLOOD PLANNING TIMELINE



KEY TASKS

- Gather and analyze data
- Identify existing and future flood risks
- Evaluate flood management practices
- Recommend evaluations, strategies, and projects to reduce flood risks
- Develop a regional flood plan



Region 8 cost for initial plan is

$1.4 MILLION

STUDY GOALS

STUDY EXPECTATIONS

WILL NOT SOLVE FLOODING, BUT….

- *Should reduce future flooding*
- *Will help mitigate existing flooding in the future*

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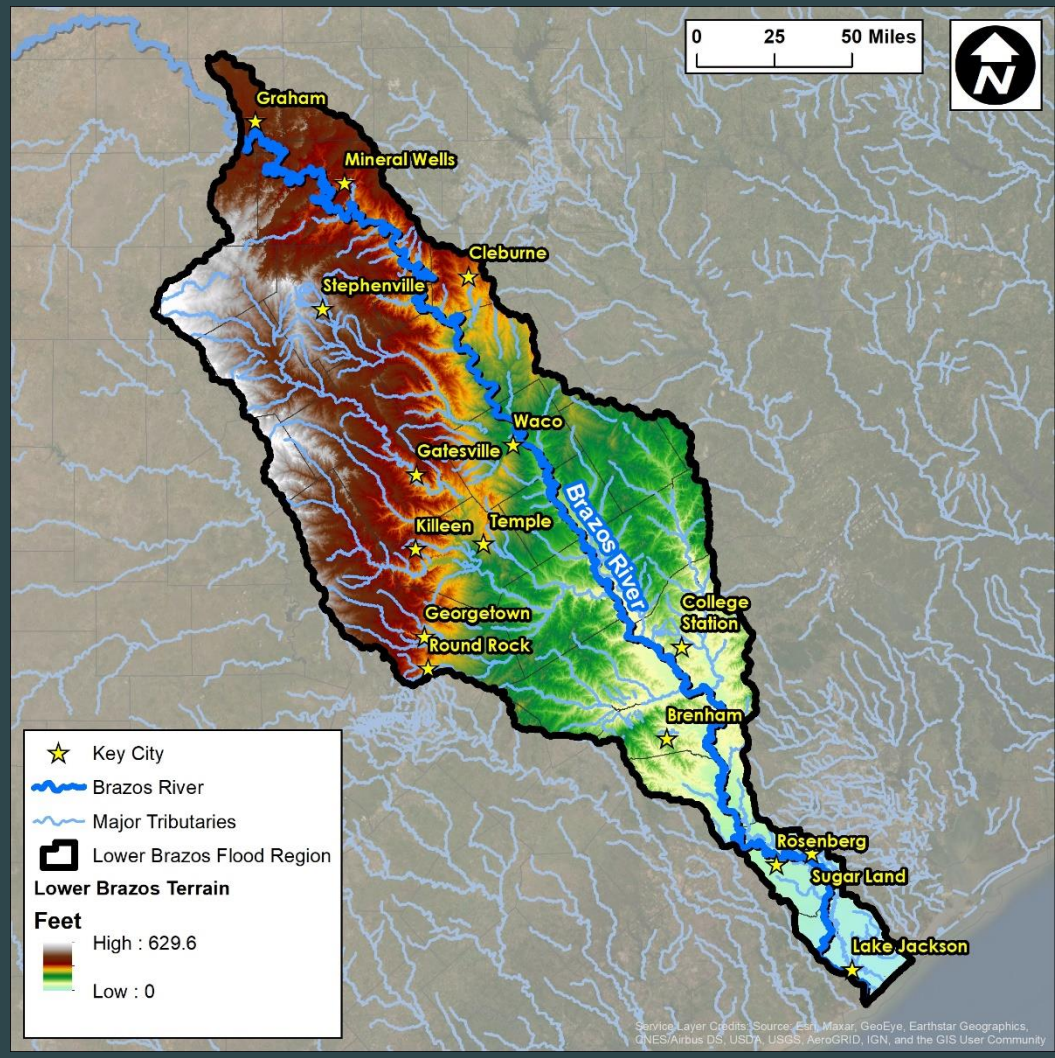
COMPILATION OF AVAILABLE DATA

- *Availability of needed data and information*
- *No New floodplain modeling is expected*



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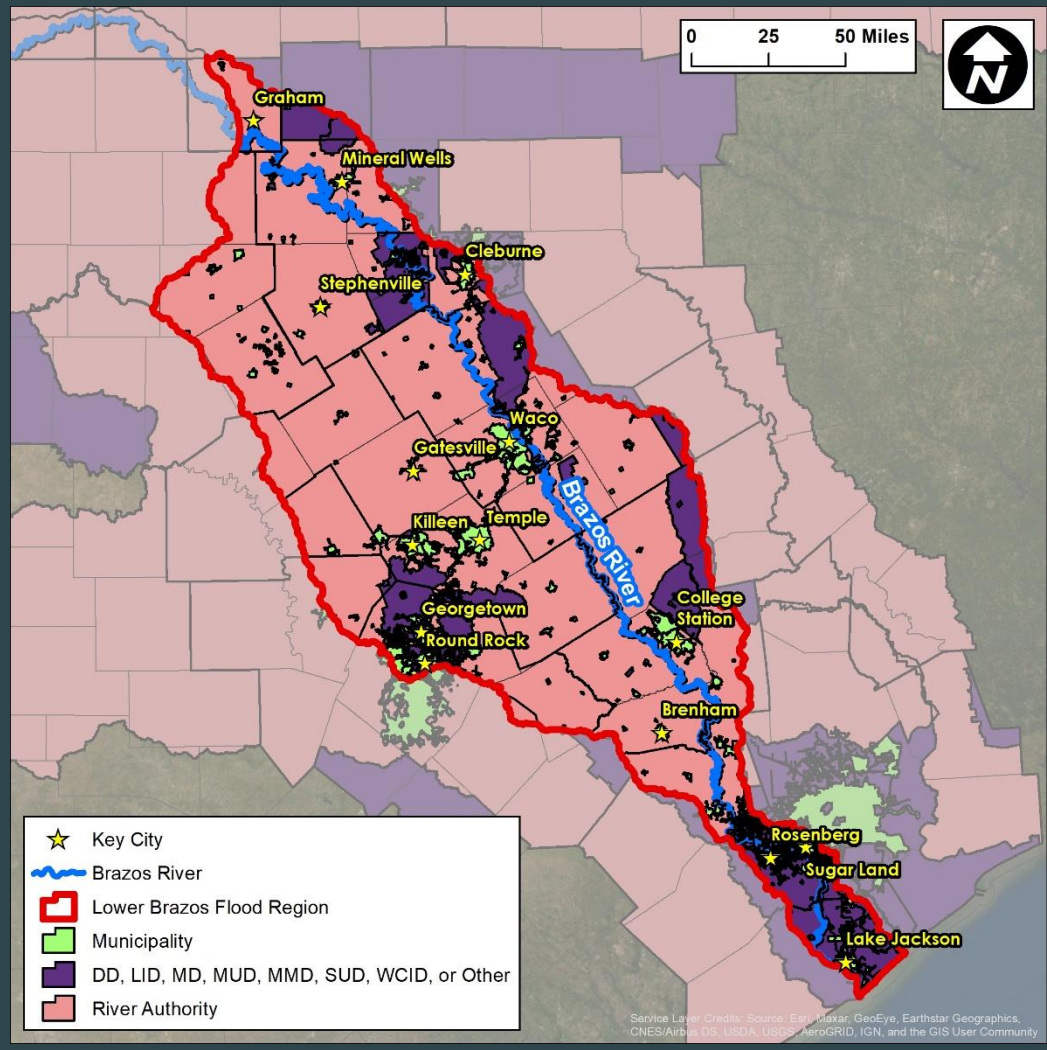
REGION PARTICIPATION

- *Needed for a successful plan*
- *Limited budget and schedule*



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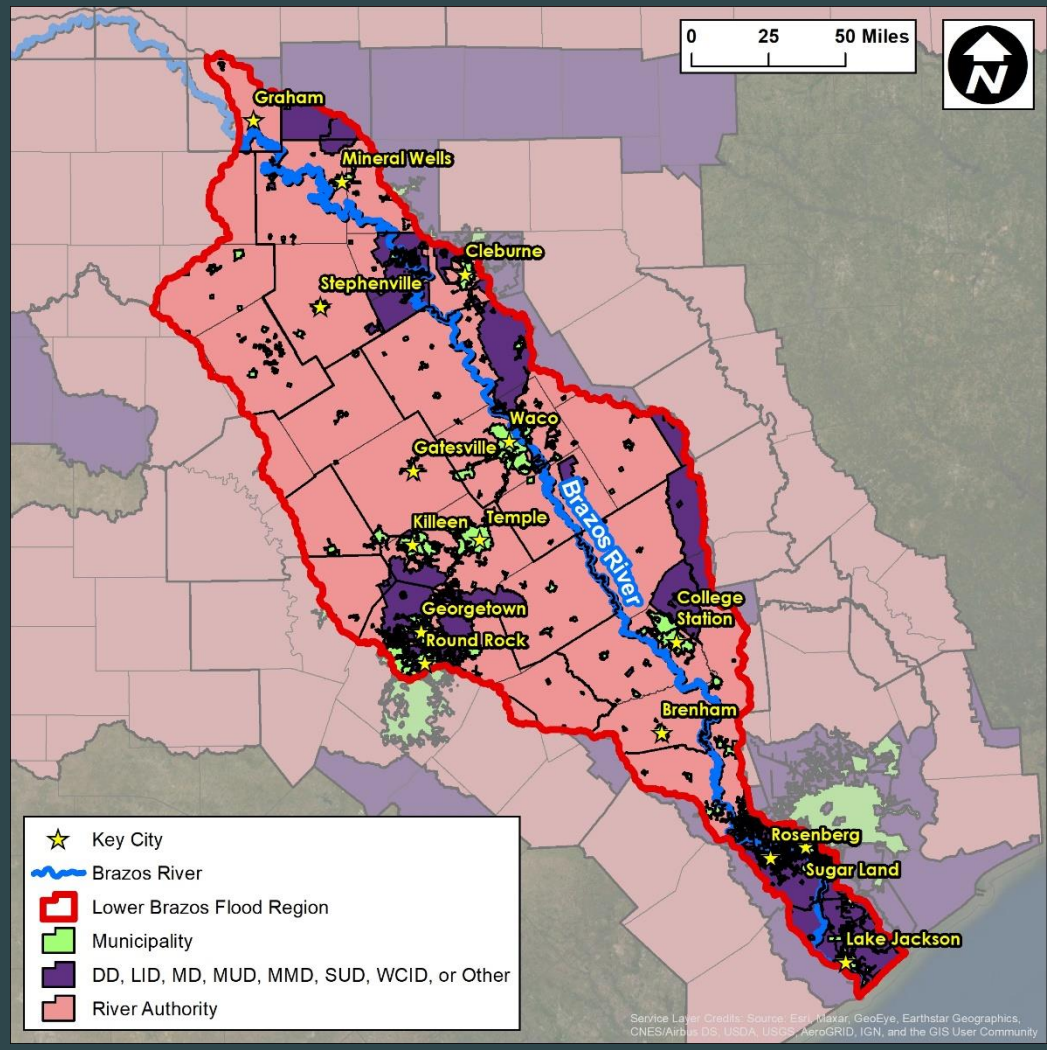
LIKELY OUTCOMES

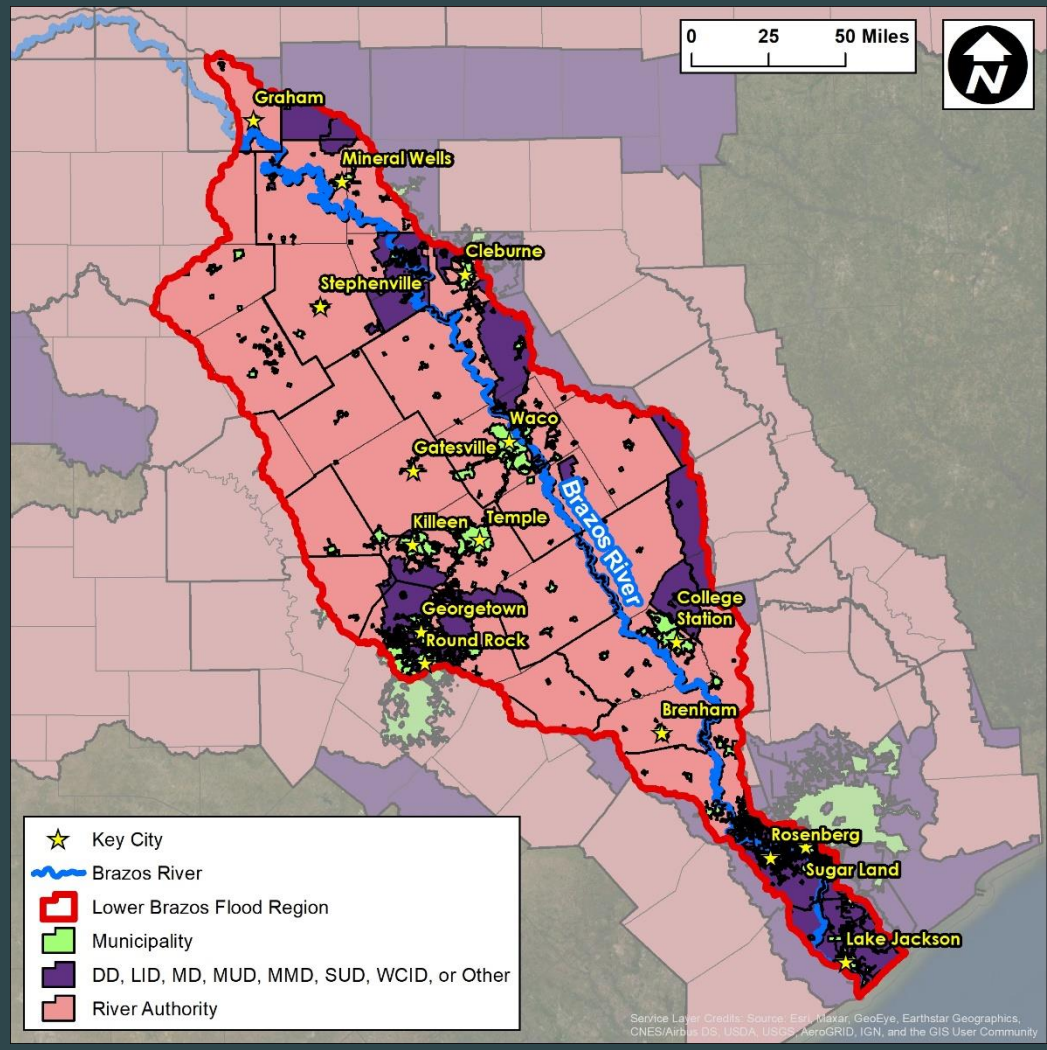
- *Many "apparent" flood problems requiring further study (FMEs)*
- *Few FMPs will meet TWDB criteria*



LOWER BRAZOS REGION

SPECIFICS

- Extents: 23,450 Square Miles
- Population: 3 Million
- Number of Counties: 43
- Number of Communities: 193



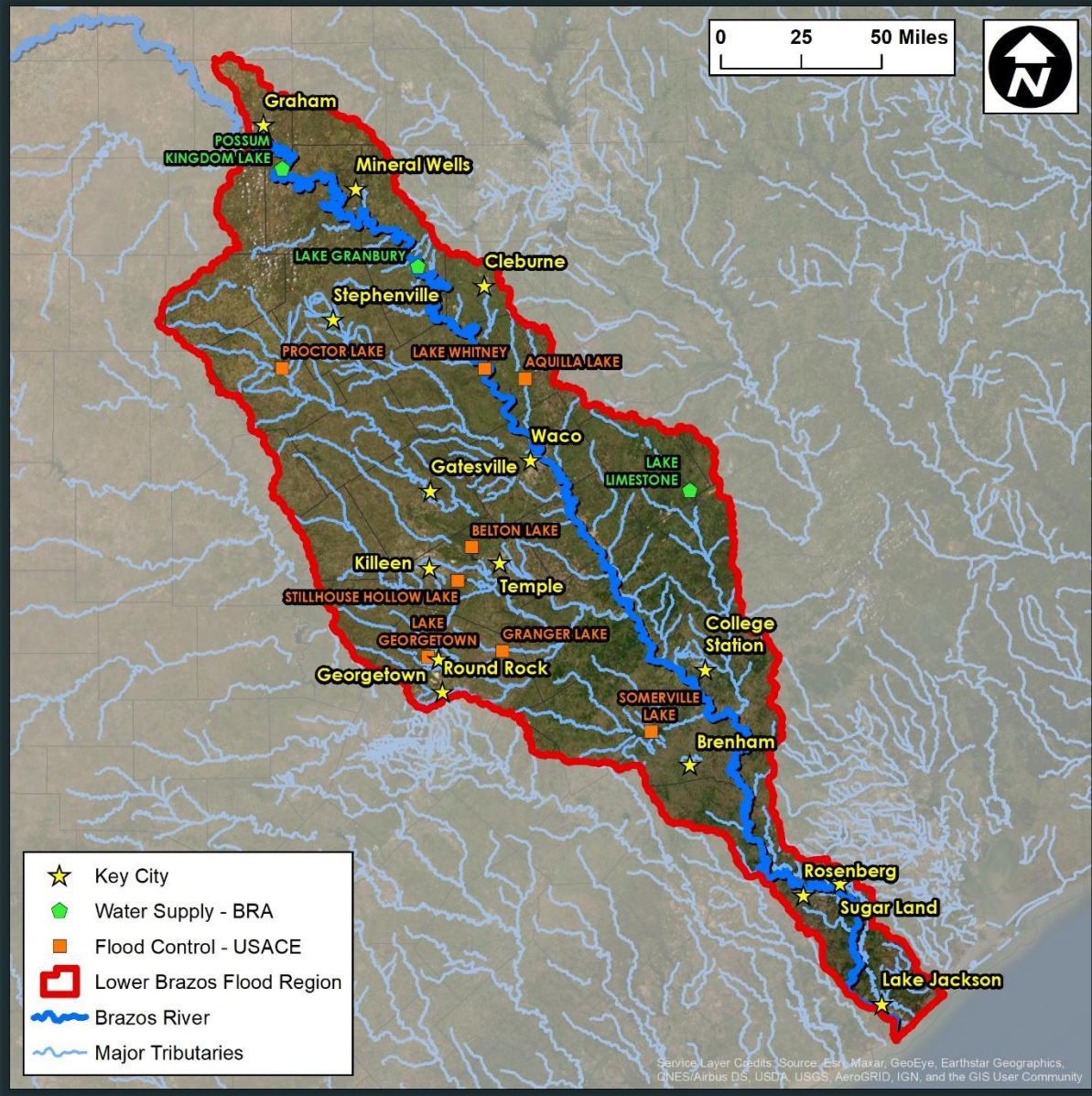
LOWER BRAZOS REGION

MAJOR STREAMS

- Brazos River
- North Bosque River
- Leon River
- San Gabriel River
- Lampasas River
- Little River
- Navasota River
- Yegua Creek
- Oyster Creek

RESERVOIRS

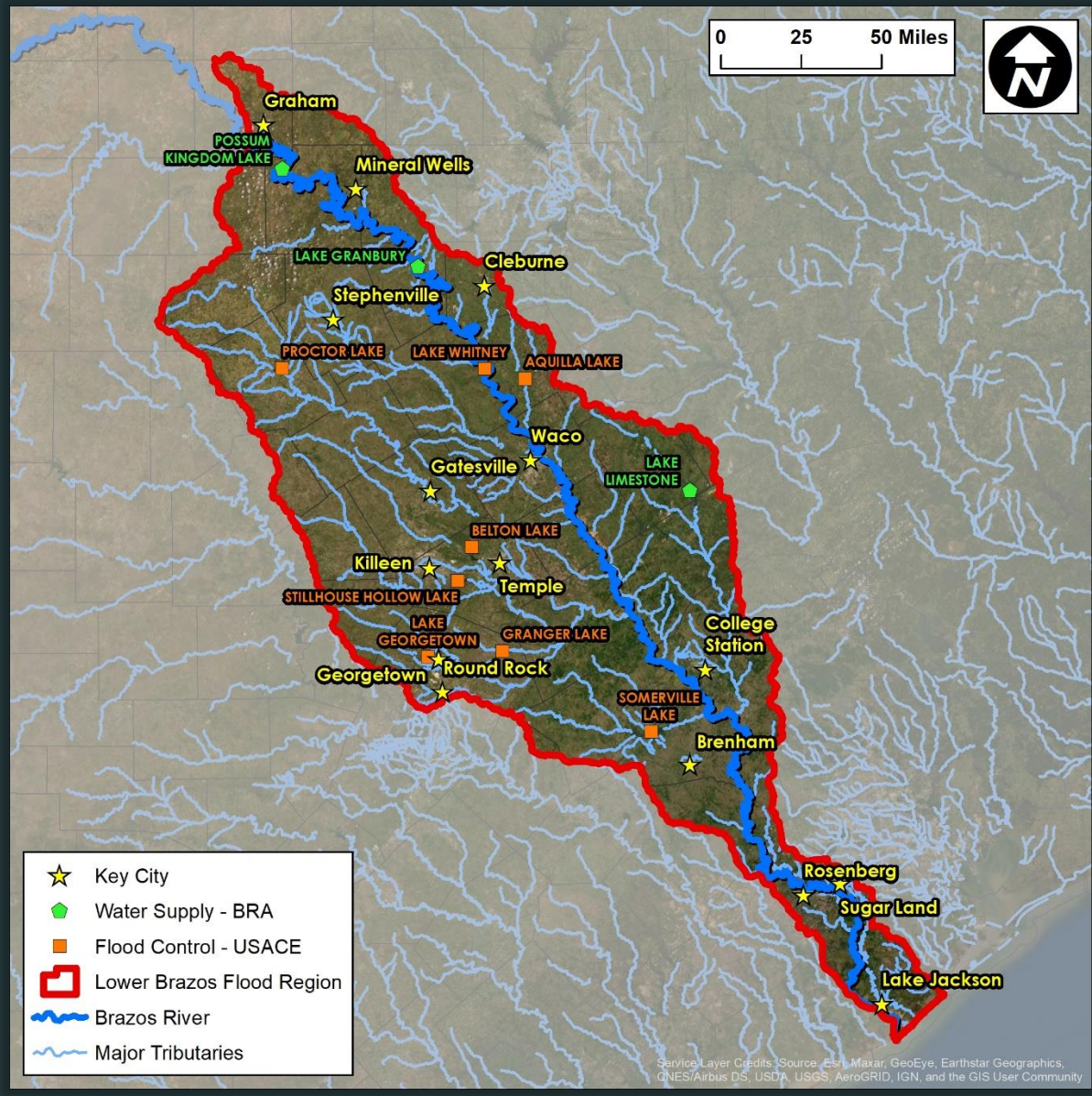
- 9 flood control reservoirs
- 3 water supply reservoirs



LOWER BRAZOS REGION

FLOOD INFORMATION

- Annual rainfall varies by 30+ inches
- Flooding varies across the region
- 50+ levees in place



SCOPE OF WORK

I. RISK ASSESSMENT AND MITIGATION MANAGEMENT

Task 1: Planning Area Description
Task 2A: Existing Condition Flood Risk
Task 2B: Future Condition Flood Risk
Task 3A: Floodplain Management Practices
Task 3B: Floodplain Management Goals
Task 4A: Needs Analysis
Task 4B: Identify FME, FMS, FMP
Task 4C: Tech Memo

II. REGIONAL FLOOD PLAN DEVELOPMENT

Task 5: Evaluate/Recommend FME, FMS, FMP
Task 6A: Impacts of Regional Plan
Task 6B: Contribution/Impacts of Water Supply
Task 7: Flood Response Information & Activities
Task 8: Administrative, Regulatory, and Legislative Recommendations
Task 9: Flood Infrastructure Finance

III. PLAN ADOPTION

Task 10: Public Participation and Plan Adoption

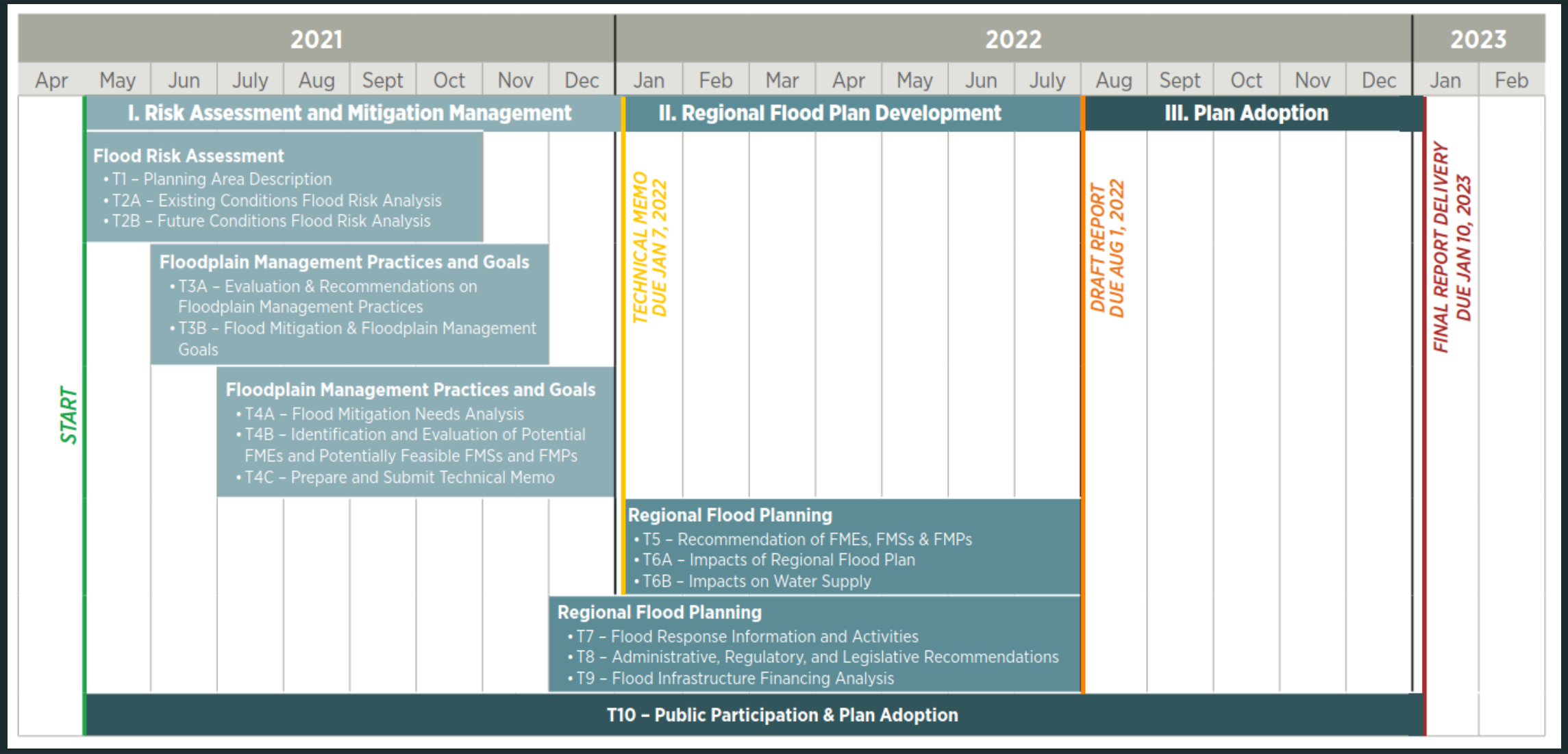
DELIVERABLES

DELIVERABLES

- Maps
- GIS database
- Technical memos
- Draft and Final Regional Flood Plans

SCHEDULE

SCHEDULE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START
I. Risk Assessment and Mitigation Management
II. Regional Flood Plan Development
III. Plan Adoption
Flood Risk Assessment
• T1 – Planning Area Description
• T2A – Existing Conditions Flood Risk Analysis
• T2B – Future Conditions Flood Risk Analysis
Floodplain Management Practices and Goals
• T3A – Evaluation & Recommendations on Floodplain Management Practices
• T3B – Flood Mitigation & Floodplain Management Goals
Floodplain Management Practices and Goals
• T4A – Flood Mitigation Needs Analysis
• T4B – Identification and Evaluation of Potential FMEs and Potentially Feasible FMSs and FMPs
• T4C – Prepare and Submit Technical Memo
TECHNICAL MEMO DUE JAN 7, 2022
DRAFT REPORT DUE AUG 1, 2022
FINAL REPORT DELIVERY DUE JAN 10, 2023
Regional Flood Planning
• T5 – Recommendation of FMEs, FMSs & FMPs
• T6A – Impacts of Regional Flood Plan
• T6B – Impacts on Water Supply
Regional Flood Planning
• T7 – Flood Response Information and Activities
• T8 – Administrative, Regulatory, and Legislative Recommendations
• T9 – Flood Infrastructure Financing Analysis
T10 – Public Participation & Plan Adoption

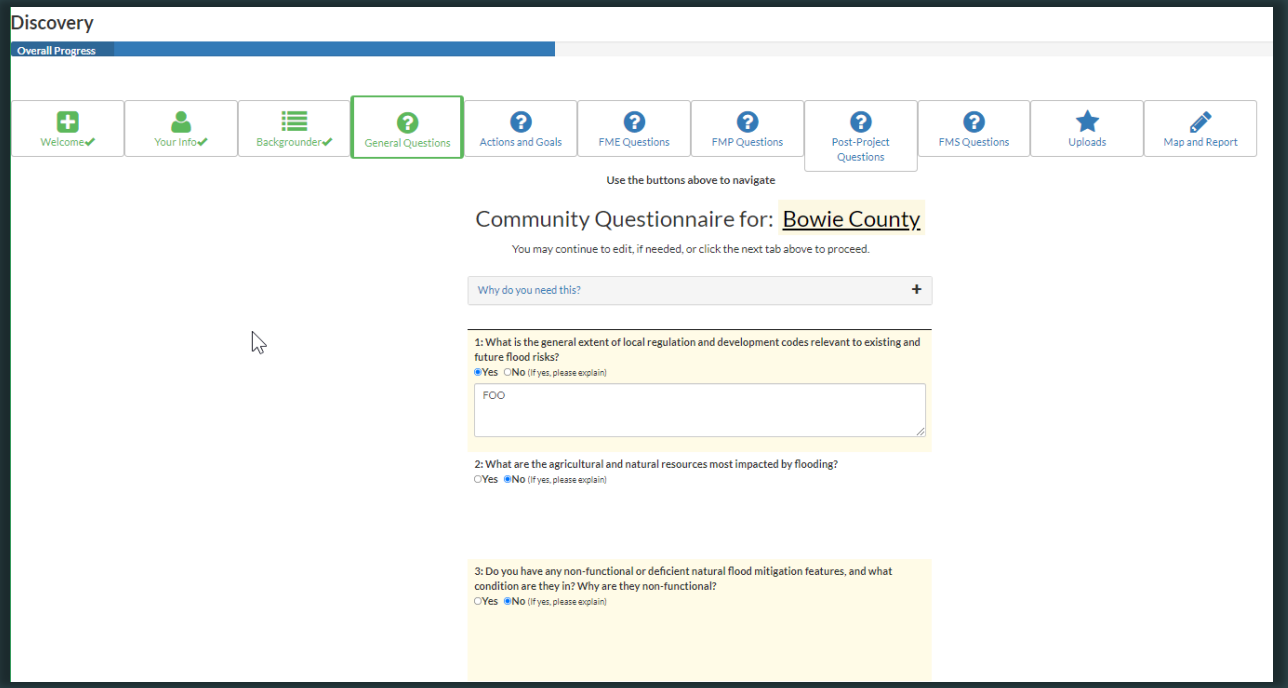
DATA COLLECTION

DATA COLLECTION

PURPOSE

To obtain data/information for the plan and share documentation for comments

- Develop web-based survey to collect community information from agencies and authorities
- Utilize web-based data collection methods for digital information concerning flood risk, studies, projects, etc. to be “dropped off”
- Provide web-based maps for public feedback



QUESTIONS OR COMMENTS?

Region 8 - Lower Brazos
Regional Flood Planning Group

7. Public Comments as part of the pre-planning efforts to receive public input on the Region 8 2023 Lower Brazos Regional Flood Plan. Please limit public comments to 3 minutes each.

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www.lowerbrazosflood.org

Please limit public comments to 3 minutes each

Provide Written Comments to:

Pamela.Hannemann@brazos.org

www.lowerbrazosflood.org

Region 8 - Lower Brazos
Regional Flood Planning Group

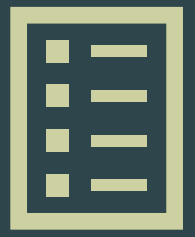
8. Report and possible discussion on report from Region 8 Technical Consultant

REGION 8
LOWER BRAZOS REGIONAL FLOOD PLAN

Consultant Update

June 24, 2021

TOPICS



LOOK AHEAD

PUBLIC OUTREACH

INTERESTS & CONCERNS

DATA COLLECTION

LOOK AHEAD

SCOPE OF WORK

I. RISK ASSESSMENT AND MITIGATION MANAGEMENT

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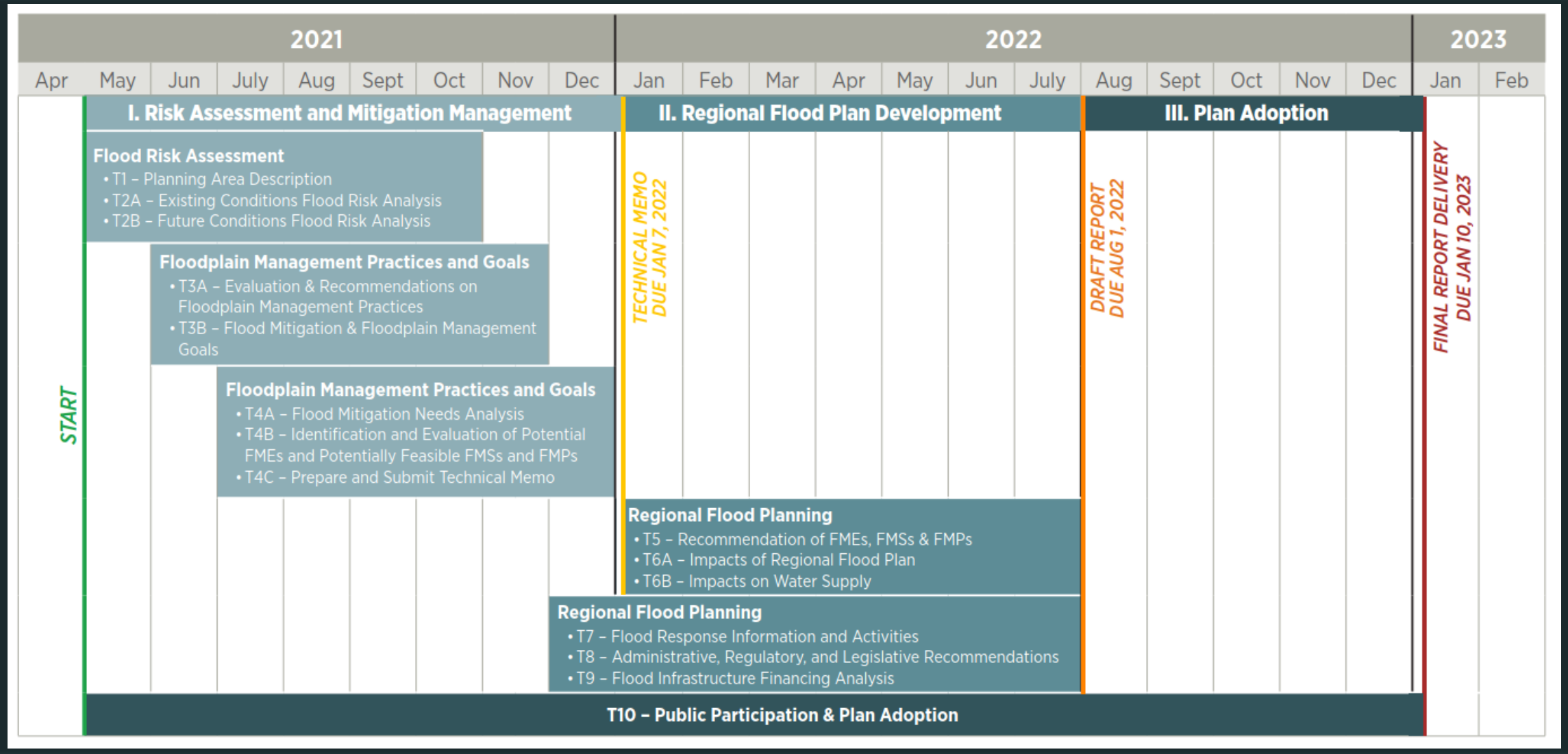
III. PLAN ADOPTION

Task 10: Public Participation and Plan Adoption

SCHEDULE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T10 – Public Participation & Plan Adoption

LOOK AHEAD TO DECEMBER

June
- Pre-Planning Meetings
- Begin Data Collection

July
- Overview of Tasks 1, 2A & 2B
- Intro to Tasks 3A & 3B
- Update on Data Collection

August
- Updates on Tasks 1, 2A & 2B
- Approach to Tasks 3A & 3B
- Intro to Task 8
- Draft coverage maps (Public Comment)

September
- Review & approve Chapter 1
- Review & approve Chapter 2
- Intro to Task 4
- Discussion on region-wide minimum standards

October
- Review & approve Chapter 3
- Approach to Tasks 4A & 4B (Public Comment)

November
- Review & approve Chapter 4

December
- Review & approve Technical Memo

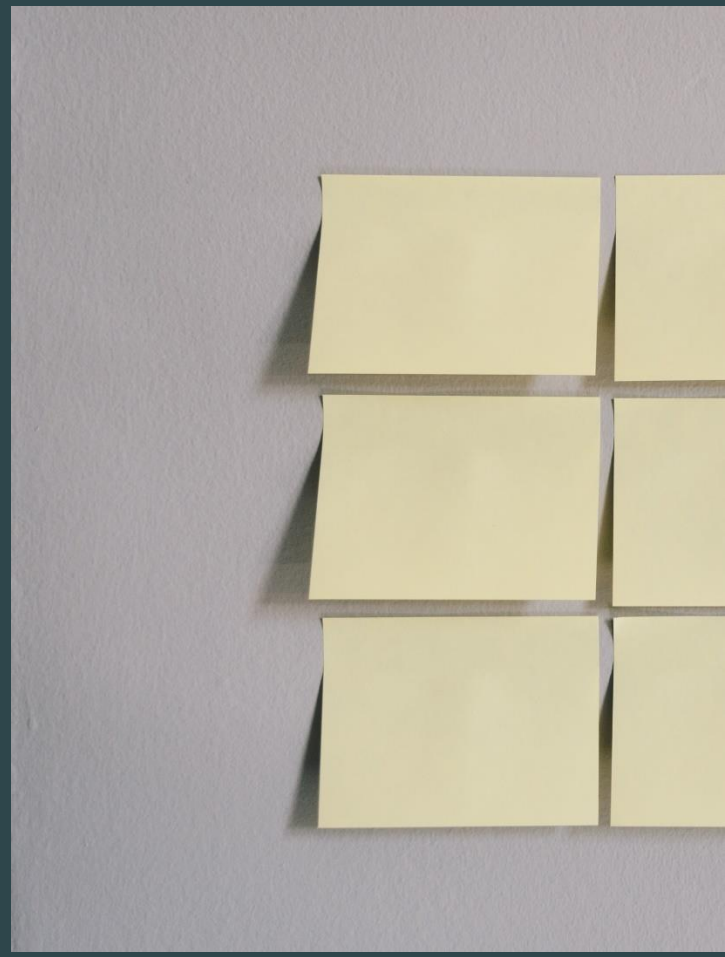
EXAMPLES OF RFPG DECISIONS

- Determine the scale of what constitutes “major” infrastructure to be included in the plan.
- May choose to perform some limited modeling to complete risk coverage.
- Review and potentially re-prioritize the mapping data as appropriate by location and incorporate additional info available in respective regions.
- Decide which flood risk info is outdated.
- May determine the approach to use for future conditions.
- May recommend revenue generating options to implement projects.
- Make general recommendations and/or adopt region wide floodplain standards.
- Determine residual risk for goals identified.
- Make recommendation of FMEs, FMSs, and FMPs.

INTERESTS & CONCERNS

INTEREST CATEGORIES

- Agricultural Interests
- Counties
- Electric Generating Utilities
- Environmental Interests
- Flood Districts
- Industries
- Municipalities
- Public
- River Authorities
- Small Business
- Water Districts
- Water Utilities



What are concerns or issues for the different interest categories that should be considered?

PUBLIC OUTREACH

PUBLIC OUTREACH

GOALS

- Educate multiple audiences as to process and purpose
- Grow the public notification list
- Increase public attendance, engagement and comment at meetings
- Ensure public input on Regional Flood Plan (Chapters and Draft)

OUTREACH

- **Community Stakeholders – Individuals with flood related responsibilities**
  - Municipal/County Elected Officials
  - Floodplain Administrators
  - Public Engineers and Public Works
  - River Authorities
  - Special Districts (Drainage, Levee Improvements, Municipal Utility, etc.)
- **Public Stakeholders – Non-Government organizations, public groups and individuals**
  - General public groups and individuals
  - Associations, council of governments and coalitions

OUTREACH STRATEGIES

- **Community Stakeholder Contact List**
  - Email blasts
  - Responses and opens
- **Lower Brazos Website**
  - www.lowerbrazosflood.org
  - Posting of all meeting materials, plan documents, and maps
  - Public may sign up for updates
- **Social Media Posts**
  - Post upcoming meetings
  - Sharing of posts
- **Public Meetings**
  - Potentially hold 4 in-person meetings in January/February across basin

DATA COLLECTION

DATA COLLECTION

TWDB Provided Data

Other Data Sources

TXGLO

FEMA

National Weather Service

Texas Commission on Environmental Quality

US Army Corps of Engineers®

Texas Division of Emergency Management

USGS science for a changing world

NOAA National Oceanic and Atmospheric Administration U.S. Department of Commerce

Texas Parks & Wildlife

Texas Department of Transportation

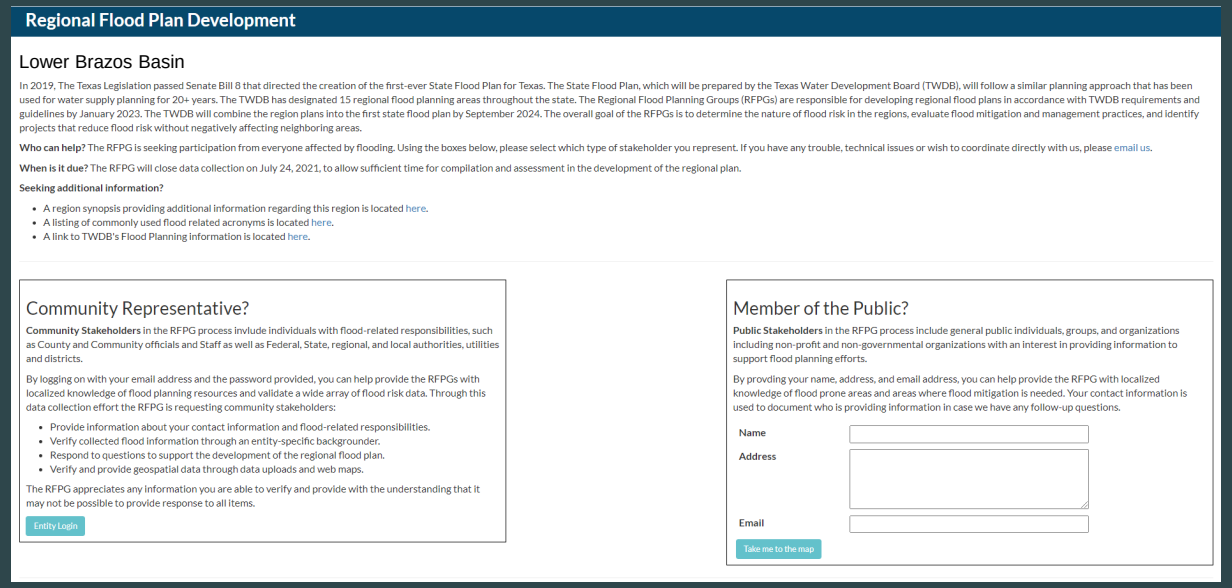
Texas A&M AgriLife Extension

DATA COLLECTION

PURPOSE

To obtain data/information for the plan and share documentation for comments

- Contact community stakeholders regarding the data collection needs and process.
- Deploy web-based survey to collect community information from agencies and authorities
- Utilize web-based data collection methods for digital information concerning flood risk, studies, projects, etc. to be “dropped off”
- Provide web-based maps for public feedback



DATA COLLECTION

COMMUNITY STAKEHOLDER QUESTIONS

- Background
- Floodplain management/Ordinances
- Flood History
- Floodplain maps and Studies
- Risk Reduction Alternatives
- Flood Finance
- Natural Resources & Condition Changes
- Hazard Mitigation & Emergency Planning
- Existing Infrastructure

Regional Flood Plan Development

Lower Brazos Basin

In 2019, The Texas Legislation passed Senate Bill 8 that directed the creation of the first-ever State Flood Plan for Texas. The State Flood Plan, which will be prepared by the Texas Water Development Board (TWDB), will follow a similar planning approach that has been used for water supply planning for 20+ years. The TWDB has designated 15 regional flood planning areas throughout the state. The Regional Flood Planning Groups (RFPGs) are responsible for developing regional flood plans in accordance with TWDB requirements and guidelines by January 2023. The TWDB will combine the region plans into the first state flood plan by September 2024. The overall goal of the RFPGs is to determine the nature of flood risk in the regions, evaluate flood mitigation and management practices, and identify projects that reduce flood risk without negatively affecting neighboring areas.

Who can help? The RFPG is seeking participation from everyone affected by flooding. Using the boxes below, please select which type of stakeholder you represent. If you have any trouble, technical issues or wish to coordinate directly with us, please email us.

When is it due? The RFPG will close data collection on July 24, 2021, to allow sufficient time for compilation and assessment in the development of the regional plan.

Seeking additional information?

- A region synopsis providing additional information regarding this region is located here.
- A listing of commonly used flood related acronyms is located here.
- A link to TWDB's Flood Planning information is located here.

Community Representative?

Community Stakeholders in the RFPG process invlude individuals with flood-related responsibilities, such as County and Community officials and Staff as well as Federal, State, regional, and local authorities, utilities and districts.

By logging on with your email address and the password provided, you can help provide the RFPGs with localized knowledge of flood planning resources and validate a wide array of flood risk data. Through this data collection effort the RFPG is requesting community stakeholders:

- Provide information about your contact information and flood-related responsibilities.
- Verify collected flood information through an entity-specific backgrounder.
- Respond to questions to support the development of the regional flood plan.
- Verify and provide geospatial data through data uploads and web maps.

The RFPG appreciates any information you are able to verify and provide with the understanding that it may not be possible to provide response to all items.

Entity Login

Member of the Public?

Public Stakeholders in the RFPG process include general public individuals, groups, and organizations including non-profit and non-governmental organizations with an interest in providing information to support flood planning efforts.

By provding your name, address, and email address, you can help provide the RFPG with localized knowledge of flood prone areas and areas where flood mitigation is needed. Your contact information is used to document who is providing information in case we have any follow-up questions.

Name

Address

Email

Take me to the map

Regional Flood Plan Development

Logoff

Thanks for your information, Sam! Please use the navigation panel on the left hand side of this window to proceed.

Overall Progress 100%

- Welcome
- Your Info
- Backgrounder
- Community Questionnaire
  - Floodplain Management/Ordinances
  - Flood History
  - Floodplain Studies/Maps
  - Risk Reduction Alternatives
  - Flood Finance
  - Natural Resources & Condition Changes
  - Hazard Mitigation & Emergency Planning
  - Existing Infrastructure
    - Levees/Dams
    - Storm Drainage Systems
    - Roadways
    - Coastal
    - Critical Infrastructure

You are representing Addison

Title

Consultant on behalf of Entity

First name

Sam

Last name

Hinojosa

Phone number

9367776372

Submit Next

Why do you need this?

The RFPG needs to document who is providing information for each community in case we have any follow-up questions. Your information will only be used for the Regional Flood Planning process, however, the RFPG or TWDB may contact you regarding flood-related information.

Community Backgrounder for: Your Town

You may continue to edit, if needed, or click the next tab above to proceed.

Overall Progress 100%

- Welcome
- Your Info
- Backgrounder
- Community Questionnaire
  - Floodplain Management/Ordinances
  - Flood History
  - Floodplain Studies/Maps
  - Risk Reduction Alternatives
  - Flood Finance
  - Natural Resources & Condition Changes
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  - Existing Infrastructure
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    - Storm Drainage Systems
    - Roadways
    - Coastal
    - Critical Infrastructure

Field	What We Found	Your Updated Info
NFIP Participant: (Source: FEMA)	1	Yes
Population (2019): (Source: TWDB Water Plan)		0
Projected Population 2050: (Source: TWDB Water Plan)	17947	0
CRS Rating: (Source: FEMA)	N/A	N/A
Latest FEMA Map Date: (Source: FEMA Community Status Book)	7/7/2014	What is it?
Critical Facilities: (Source: TWDB)	7	A whole number
Total Stream Miles in Community (round to nearest tenth): (Source: FEMA)	3.0	3.0
Number of Letters of Map Revisions: (Source: NFHL)	2	0
Stormwater Utility or Drainage Fee: (Source: Western Kentucky 2020)	1	Yes
Percent of Community in 100 Year or 500 Year Floodplain: (Source: NFHL)	3.00	0
The RFPG is maintaining a contact list for the region. Please provide names and emails for additional people within your organization that have flood-related responsibilities.		
CEO (Mayor or Judge):		Who is it?
Flood Administrator:		Who is it?

Community Questionnaire for: Your Town

Welcome
Your Info
Backgrounder
Community Questionnaire
Floodplain Management/Ordinances
Flood History
Floodplain Studies/Maps
Risk Reduction Alternatives
Flood Finance
Natural Resources & Condition Changes
Hazard Mitigation & Emergency Planning
Existing Infrastructure
Levees/Dams
Storm Drainage Systems
Roadways
Coastal
Critical Infrastructure

Thank you for your willingness to participate in this online data collection effort as part of the first-ever State Flood Plan for Texas. We invite you to share information to advance the regional plan development. It is not necessary to complete the entire survey when you first sign in. The survey is developed to allow the user to provide input incrementally over time. Feel free to complete one section at a time or you also have the option of assigning a section of the survey to a colleague to assist you with the input. If you need have any trouble, technical issues or wish to coordinate directly with us, email us.

This survey has over 90 questions and could take about 30 minutes, however depending on how much data you upload and add to the interactive maps, it may take more time. As you navigate through this questionnaire, you will find various questions and data requests related to the topics listed in the navigation panel to the left. The navigation panel to the left may also be used to advance to different sections and go back to sections as needed.

The questionnaire is comprised of questions, data upload requests, and interactive maps as described below.

- **Questions**: The types of questions you encounter include selection of a single item from a drop-down list, selection of multiple items using check boxes, or text responses. For the text responses, you are able to enter as many items as appropriate up to 2000 characters.
- **Data Uploads**: Several sections have options to upload files such as regulations, reports, studies, shapefiles, geodatabases, land planning data, etc. In these locations, you may upload more than one file. Please note you will need to press the start button to submit each file in our system.
- **Interactive Maps**: There are nine interactive maps tied to the questionnaire regarding flood history, floodplain studies/maps, risk reduction alternatives, natural resources & condition changes, levees/dams, storm drainage systems, roadways, coastal, and critical infrastructure. Once you click the button to open a map, an interactive web map of the region will open in a separate tab in your browser. Additions and edits are saved automatically, so you are welcome to enter and exit the maps as needed.

Inside the interactive map, a search feature in the lower right corner of the map enables you to zoom to a particular address. Using the 'add feature tool', you can draw in areas and respond to questions to help populate the database. You may add as many features as needed. Similarly, the edit feature tool enables you to add or change information about particular map features you have already created.

Your participation is key to the success of the regional flood planning effort. The RFPG appreciates any information you are able to verify and provide with the understanding that it may not be possible to provide response to all items.

Next »

Regional Flood Plan Development

Logoff

- Flood Finance
- Natural Resources & Condition Changes
- Hazard Mitigation & Emergency Planning
- Existing Infrastructure
  - Levees/Dams
  - Storm Drainage Systems
  - Roadways
  - Coastal
  - Critical Infrastructure

1. Does your entity have floodplain management regulations? I do not know

2. Has your entity adopted the minimum regulations to be eligible to participate in the National Flood Insurance Program (pursuant to Texas Water Code Section 16.3145)? I do not know

3. What regulations and/or development codes does your jurisdiction have in place to manage existing and future flood risk for developments? Select all that apply.

- [ ] Drainage Criteria Manual/Design Manual
- [ ] Land use regulations
- [ ] Ordinances (Floodplain, Drainage, Stormwater, etc.)
- [ ] Unified Development Code (UDC) and/or Zoning Ordinance with map
- [ ] Other
- [ ] None of the Above
- [ ] I do not know

4. If your jurisdiction is willing to share a copy of regulations and/or development codes, please upload or please upload or provide a web link to access the data.

You may upload more than one file. If you are uploading a shapefile or geodatabase, please zip the files before uploading. Press the start button to submit each file.

Upload ✚ Choose Files View Files Already Uploaded

LowerBrazos_Basin.pdf 0.3 MB ⦿ Start ⊘ Cancel 🗑 Delete

Web Link(s) www.floodshere.com, www.nofloodtoday.com

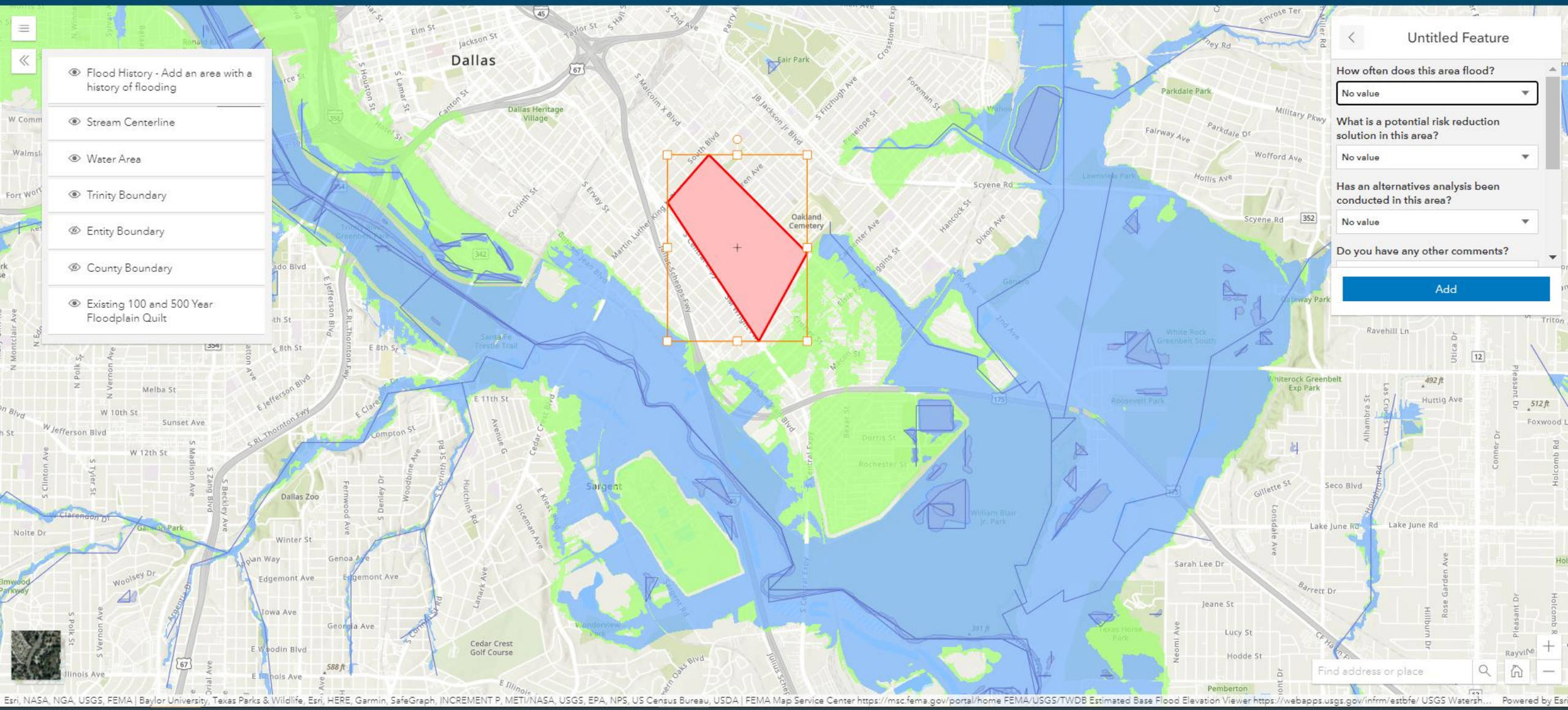
5. Does your jurisdiction have a land use plan? I do not know

6. If your jurisdiction is willing to share a copy of your existing condition land use plan, please upload or please upload or provide a web link to access the data.

Sample Questionnaire

Flood History

Web Map Instructions



Sample Questionnaire

NEXT STEPS

July Meeting

- Update on Data Collection
- Overview of **Task 1** – Data Collection and **Tasks 2A & 2B** – Existing and Future Conditions Flood Risk Analysis
- Introduction to **Task 3A** – Evaluation and Recommendations on Floodplain Management Practices and **Task 3B** – Flood Mitigation and Floodplain Management Goals
- Collect feedback specific to interest categories from group members

QUESTIONS OR COMMENTS?

Region 8 - Lower Brazos
Regional Flood Planning Group

9. Report from Non-voting Member Agencies (TPWD, TDEM, TDA, TSSWCB, GLO, TCEQ, USACE, FEMA, Fort Bend Subsidence District and Brazoria County)

Region 8 - Lower Brazos
Regional Flood Planning Group

10. Report from Liaisons (Region 6, Coastal, Region 7, Brazos G and Region H)

Region 8 - Lower Brazos
Regional Flood Planning Group

11. Report and possible discussion on report by Regional Planning Sponsor

Region 8 - Lower Brazos
Regional Flood Planning Group

12. Report from Lower Brazos RFPG Chair

Region 8 - Lower Brazos
Regional Flood Planning Group

13. Discussion on new business to be considered at next meeting

Region 8 - Lower Brazos
Regional Flood Planning Group

14. Confirmation of next meeting date

Region 8 - Lower Brazos
Regional Flood Planning Group

15. Adjourn