



Region 11: Guadalupe Regional Flood Planning Group Meeting

Wednesday, March 3, 2021
2:00pm

Agenda Item 1

Call to Order

1. Attendance

Agenda Item 2

Welcome

Agenda Item 3

Public General Comments

Public Comments limited to 3 minutes per speaker

Agenda Item 4

Approval of Meeting Minutes

1. Approval of meeting minutes from
February 3, 2021 Region 11 RFPG Meeting

Meeting Minutes
Region 11 Guadalupe Regional Flood Planning Group Meeting
February 3, 2021

2:00 PM

Guadalupe-Blanco River Authority River Annex (905 Nolan Street, Seguin, TX 78155)

or

GoToWebinar Virtual Meeting

Roll Call:

<u>Voting Member</u>	<u>Interest Category</u>	<u>Present (x) / Absent () / Alternate Present (*)</u>
Doug Miller Melissa Reynolds*	<i>Agricultural interests</i>	X
John Johnston	<i>Counties</i>	X
Annalisa Peace Vanessa Puig-Williams*	<i>Environmental interests</i>	X
Beth Parker Doug Sethness*	<i>Flood districts</i>	*
Kevin Stone	<i>Industries</i>	X Arrived at 2:55pm
Joseph Pantalion Laurie Moyer*	<i>Municipalities</i>	X
Kimberly Meitzen	<i>Public</i>	X
R. Brian Perkins	<i>River authorities</i>	X
Gian Villarreal	<i>Small business</i>	X
Ronald Fieseler	<i>Water districts</i>	X
Joseph McDaniel	<i>Water utilities</i>	X

<u>Non-voting Member</u>	<u>Agency</u>	<u>Present(x)/Absent()/ Alternate Present (*)</u>
Sue Reilly	Texas Parks and Wildlife Department	X
Natalie Johnson	Texas Division of Emergency Management	X
Jami McCool	Texas Department of Agriculture	X
Allen Nash	Texas State Soil and Water Conservation Board	X
Kris Robles	General Land Office	X
Morgan White	Texas Water Development Board (TWDB)	X
Joel Klumpp Brittney Wortham-Teakell*	Texas Commission on Environmental Quality	X

Quorum:

Quorum: **Yes**

Number of voting members or alternates representing voting members present: **11**

Number required for quorum per current voting positions of 15: **8**

Other Meeting Attendees:

Lauren Willis, GBRA (Meeting Facilitator)
Ramiro Mendoza, GBRA (IT)
Charlie Hastings, Kerr County
Jonathan Letz, Kerr County

Other Meeting Attendees: **

Duke Altman	Steve Gonzales
Mohamed Bagha	Barrett Goodwin
James Bronikowski	Bobby Gore
Ray Buck	Cecilia Green
Jim Carrillo	Natalie Johnson
Stephanie Castillo	Paula Jo Lemonds, HDR
Robert Christmas	Josh Logan
Anna-Maria Clardy	Anita Machiavello
Adam Conner, Freese & Nichols	Ryke Moore
Vince DeCapio	Laurie Moyer
Don Durden	Marci O'Connell
Ben Eldredge	Vanessa Puig-Williams
Charlie Flatten	Pratibha Sapkota
Ken Gill	Lon Shell
	Colin Slagle, Doucet
	Jill Trevino
	Christine Westerman
	Marissa Williams
	Matt Nelson

**Meeting attendee names were gathered from those who entered information for joining the GoToWebinar meeting.

All meeting materials are available for the public at: <http://www.quadalupeRFPG.org>

AGENDA ITEM NO. 1: Call to Order

Doug Miller called the meeting to order at 2:02 PM. Lauren Willis called roll of the planning group members to record attendance and a quorum was established.

AGENDA ITEM NO. 2: Welcome

Doug Miller welcomed members to the meeting and reviewed the speed of the process.

AGENDA ITEM NO. 3: Public General comments (Public comments limited to 3 minutes per speaker)

Doug Miller provided instructions for public comments. No public comments were given.

AGENDA ITEM NO. 4: Approval of Minutes from the January 6, 2021 Region 11 RFPG Meeting

Doug Miller opened discussion on approving the minutes from the January 6, 2021 Region 11 RFPG Meeting.

A motion was made by Brian Perkins to approve the January 6, 2021 Region 11 RFPG Meeting. John Johnson seconded the motion. The meeting minutes were approved by consensus.

AGENDA ITEM NO. 5: TWDB Update/Presentation

Morgan White presented updates on the review of the RFA submittals in order to move forward with executing the grant funding contracts with regional sponsors and working on technical guidance documents. Texas Water Development Board has two priorities, (1) getting the website online and (2) posting the Request for Qualifications (RFQ) for the technical consultant.

AGENDA ITEM NO. 6: Other Presentation

Flood Fighting Resources: First Responders, Planners, Public Information – John A. Johnston, P.E., CFM
County of Victoria

Early Flood Warning System – Kerr County Commissioner Jonathan Letz & Kerr County Engineer Charlie Hastings, P.E., CFM

AGENDA ITEM NO. 7: Consider Executive Committee's recommendation of nominations and approval for the vacant non-voting positions of Public interest group.

- a. Consider Executive Committee's recommendation, discussion, and consider taking action to fill the Public interest category position.**

Doug Miller opened discussion of nominating Don Durden for the public interest category. A motion was made by John Johnston to nominate Don Durden to fill the open position in the

Public Interest category group. Doug Sethness seconded the motion. The vote passed by a vote of 11 Ayes to 0 Nays.

AGENDA ITEM NO. 8: Consider Executive Committee's recommendation of nominations and approval for the vacant voting positions of River Authorities, Municipalities, Counties and Electric Generating Utilities interest groups.

- a. Consider Executive Committee's recommendation, discussion and consider taking action to fill the River Authority interest category position.**

Doug Miller opened discussion of nominating Ray Buck to the river authority interest category. A motion was made by Brian Perkins to nominate Ray Buck to fill the open position in the River Authority interest category group. Joseph McDaniel seconded the motion. The vote passed by a vote of 11 Ayes to 0 Nays.

- b. Consider Executive Committee's recommendation, discussion and consider taking action to fill the Municipalities interest category position.**

Doug Miller opened discussion of nominating Ken Gill for the municipality's interest category. A motion was made by John Johnston to nominate Ken Gill to fill the open position in the municipality's interest category group. Ron Fieseler seconded the motion. The vote passed by a vote of 11 Ayes to 0 Nays.

- c. Consider Executive Committee's recommendation, discussion and consider taking action to fill the Counties interest category position.**

Doug Miller opened discussion of nominating Lon Shell for the counties interest category. A motion was made by Joe Pantalione to nominate Lon Shell to fill the open position in the Counties interest category group. Annalisa Peace seconded the motion. The vote passed by a vote of 10 Ayes, 0 Nays and 1 Abstention.

- d. Consider Executive Committee's recommendation, discussion and consider taking action to fill the Electric Generating Utilities interest category position.**

Doug Miller opened discussion of nominating Robert Christmas for the electric generating utilities interest category. A motion was made by Brian Perkins to nominate Robert Christmas to fill the open position in the Electric Generating Utilities interest category group. John Johnston seconded the motion. The vote passed by a vote of 11 Ayes to 0 Nays.

AGENDA ITEM NO. 9: Update from RFPG Sponsor (GBRA) regarding status of

- a. Regional Flood Planning Grant contract with the TWDB**

Doug Miller reviewed the 'Voting Planning Member Travel' cost and Lauren Willis reviewed the budget of the grant application for 'Other Expenses' and 'Subcontract Services'.

b. Request for Qualifications to initiate procurement for a technical consultant

Lauren Willis discussed the status of the Request for Qualifications (RFQ). The RFQ was posted to BidNet on Wednesday, February 3, 2021 and published in the San Antonio paper on Thursday, February 4, 2021. The due date for submission of questions is February 19, 2021 and the deadline for submission of statement of qualifications is March 5, 2021. The updated RFQ is posted online under the meeting materials section.

AGENDA ITEM NO. 10: Public General comments (Public comments limited to 3 minutes per speaker)

Doug Miller provided instructions for public comments. Anna Lisa Peace asked about alternates having the ability to comment, these individuals will have the ability to speak during the public comment portion. No public comments were given.

AGENDA ITEM NO. 11: Consider date and agenda items for next meeting

Doug Miller opened discussion to consider the date and agenda items for the next meeting.

Lauren Willis mentioned the meetings are set for the first Wednesday of the month, the next meeting will be March 3, 2021. The Working conceptual schedule from the TWDB was reviewed.

The next topic for additional presentations will be provided by FEMA/consultant on the development of FEMAs limited detail model (base level engineering) that spans the Guadalupe river basin that can be used to evaluate projects will be presented at the March 3, 2021 meeting.

The list of topics provided by RFPG members was reviewed.

AGENDA ITEM NO. 12: Adjourn

Doug Sethness made a motion to adjourn. Brian Perkins seconded the motion. The motion passed by unanimous consent.

The meeting adjourned at 3:50 PM by Doug Miller.

Approved by the Region 11 Guadalupe RFPG at a meeting held on 03/03/2021.

Brian Perkins, SECRETARY

Doug Miller, CHAIR

Texas Water Development Board Update

Agenda Item 5

Agenda Item 6

Other

Presentations

Lower Guadalupe Feasibility Study & Mitigation Strategies

Ashley Freidberg

Engineer

Guadalupe-Blanco River Authority



US Army Corps
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GBRA INTERIM FEASIBILITY STUDY

OVERVIEW + AND MITIGATION STRATEGIES



OVERVIEW GBRA IFS

RECORD FLOOD EVENTS

- Damages / Public Safety

COMPREHENSIVE STUDY

- **Partners:** 50% USACE, 25% TWDB, and 25% GBRA + Local Participants
- **2011 Initiate Multi-phase Study**



JULY 2002



JULY 2002



MAY 1998



MAY 2015



OVERVIEW GBRA IFS

GBRA GOAL

Conduct a basin-wide study to evaluate flood risk and identify mitigation strategies and potential projects in the Lower Guadalupe

USACE Interim Feasibility Study & TWDB Flood Protection Planning

- Topography
- Data Collection
- Hydrology
- Hydraulics
- Alternatives Development
- Cost Effectiveness
- Public Outreach

OVERVIEW

GBRA IFS STUDIES

PHASE 1

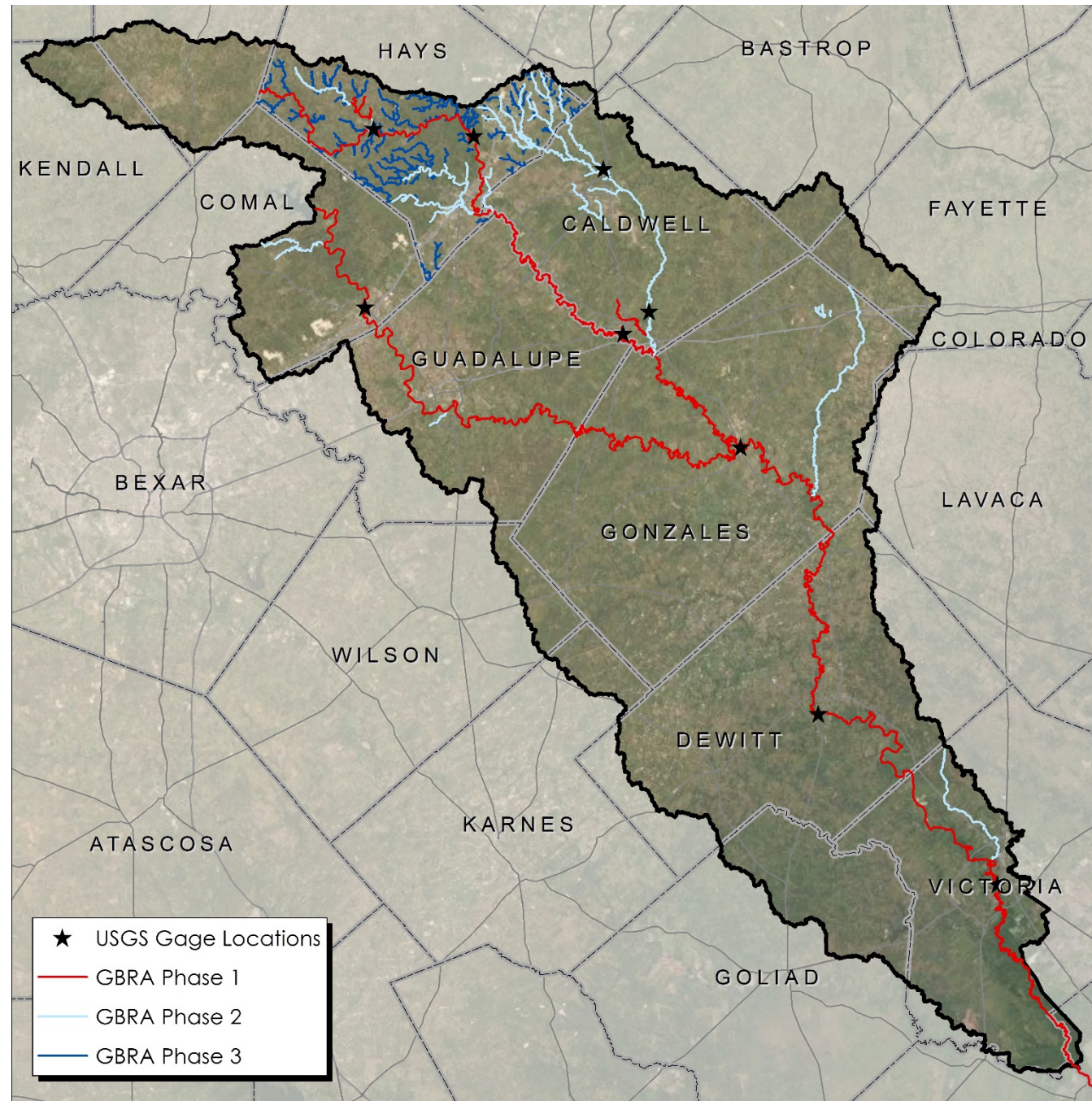
- **Mainstems:** Blanco, San Marcos and Guadalupe Rivers
- **Tributaries:** Luling & Woodcreek

PHASE 2

- **Mainstem:** Blanco River and San Marcos confluence added detail
- **Tributaries:** San Marcos, Kyle, Lockhart, Seguin, and Victoria
- **Dams:** York Creek, Upper San Marcos River, and Plum Creek watersheds

PHASE 3

- **Tributaries:** Hays County



OVERVIEW: MITIGATION STRATEGIES

STRUCTURAL

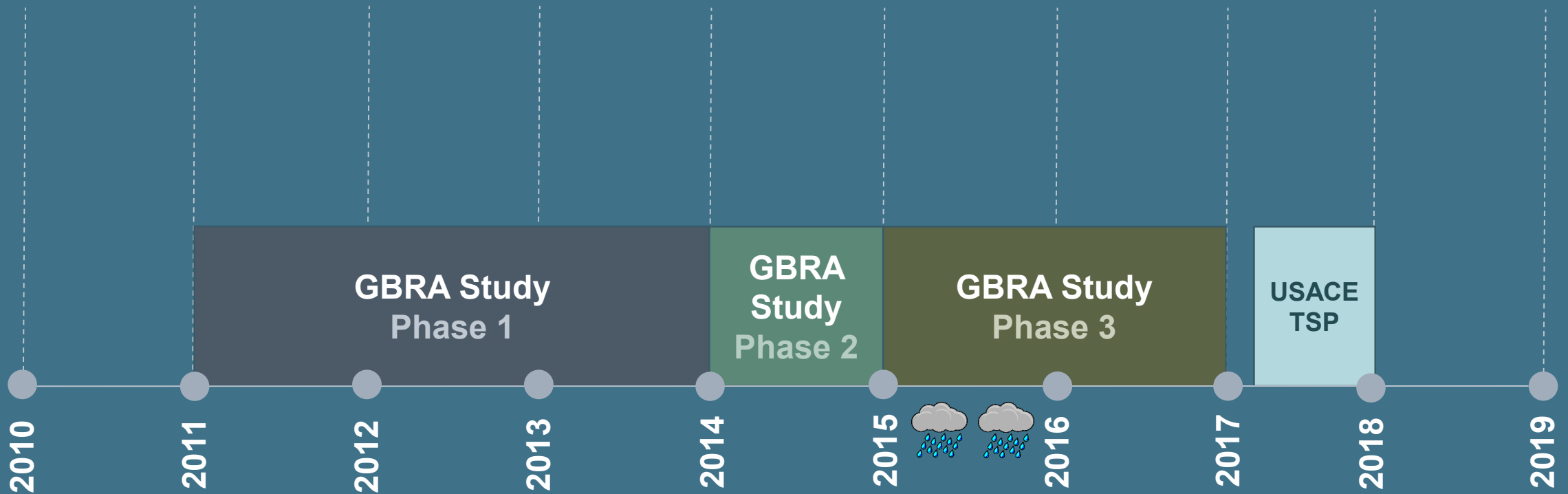
- Detention
- Drainage Infrastructure
- Channel Improvements
- Floodwalls

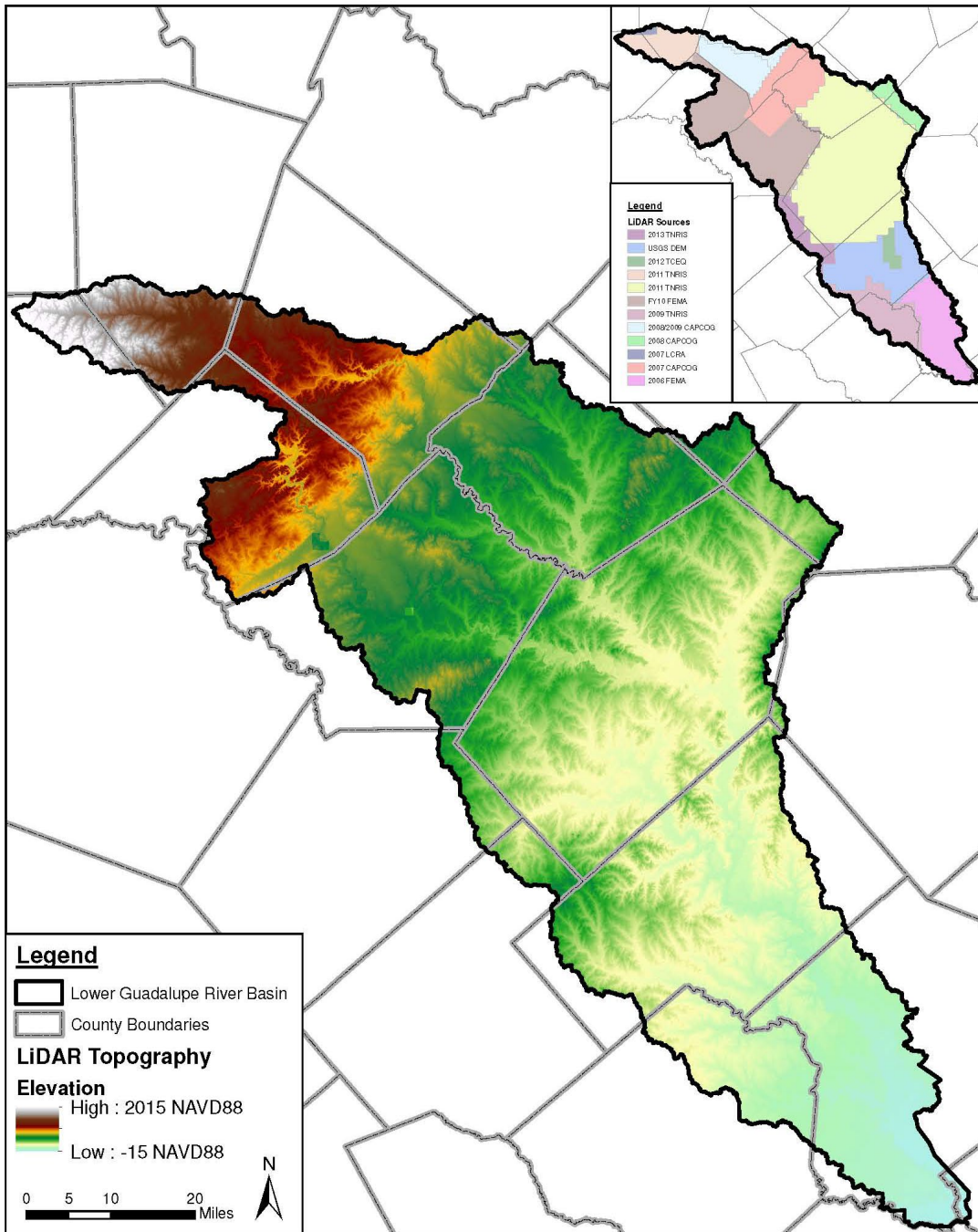
NON-STRUCTURAL

- Property Acquisition
- Structural Elevation
- Regulation Changes
- Flood Awareness Outreach



OVERVIEW: IFS TIMELINE





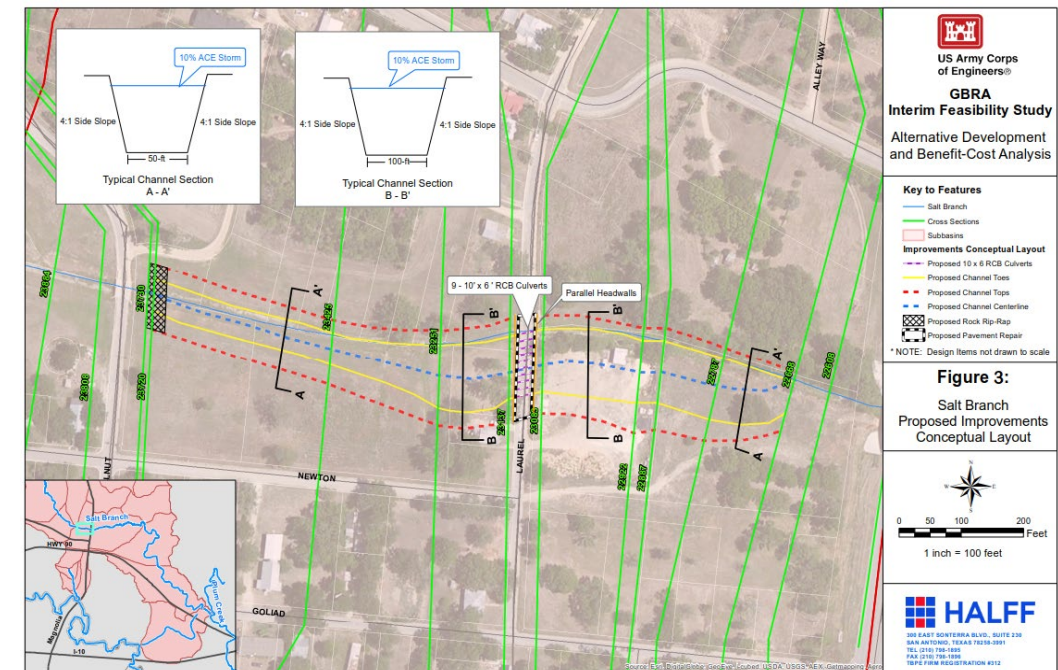
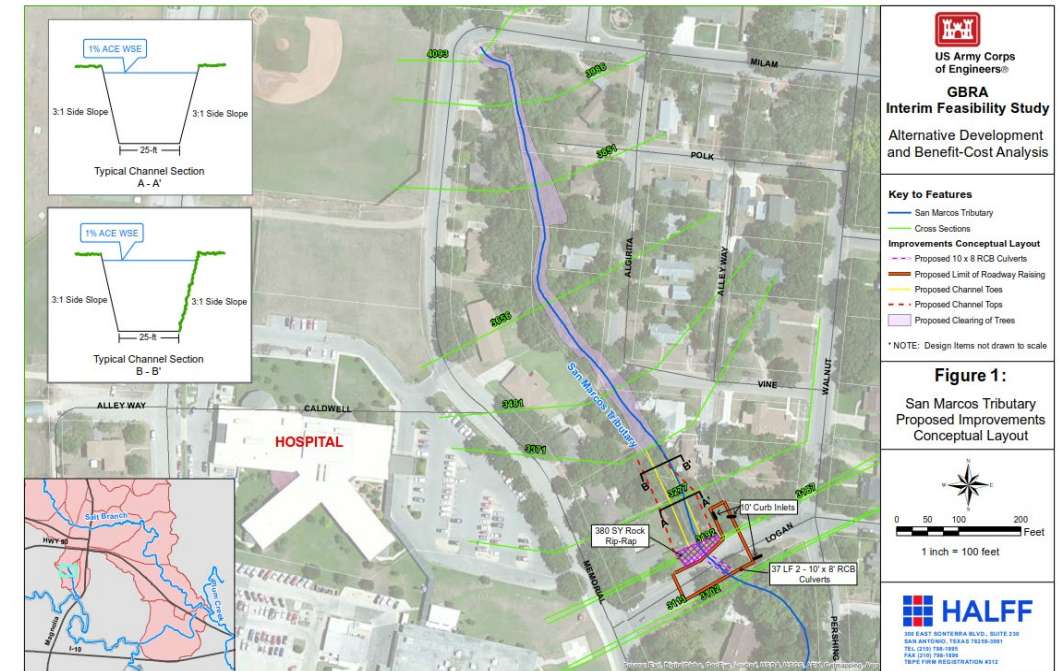
PHASE 1 STUDY 2011 - 2014

- **Counties:** 8
- **New Terrain:** 12 sources
- **Hydrology:** 4,530 sq miles
- **Hydraulics:** 450 miles of mainstem study
 - Guadalupe River (below Canyon Reservoir to Victoria County)
 - Blanco River (Hays County to confluence)
 - San Marcos River (headwater to confluence)
- **Partners:** Luling and Woodcreek
- **Alternatives Analysis**

PHASE 1 ALTERNATIVES

SUMMARY

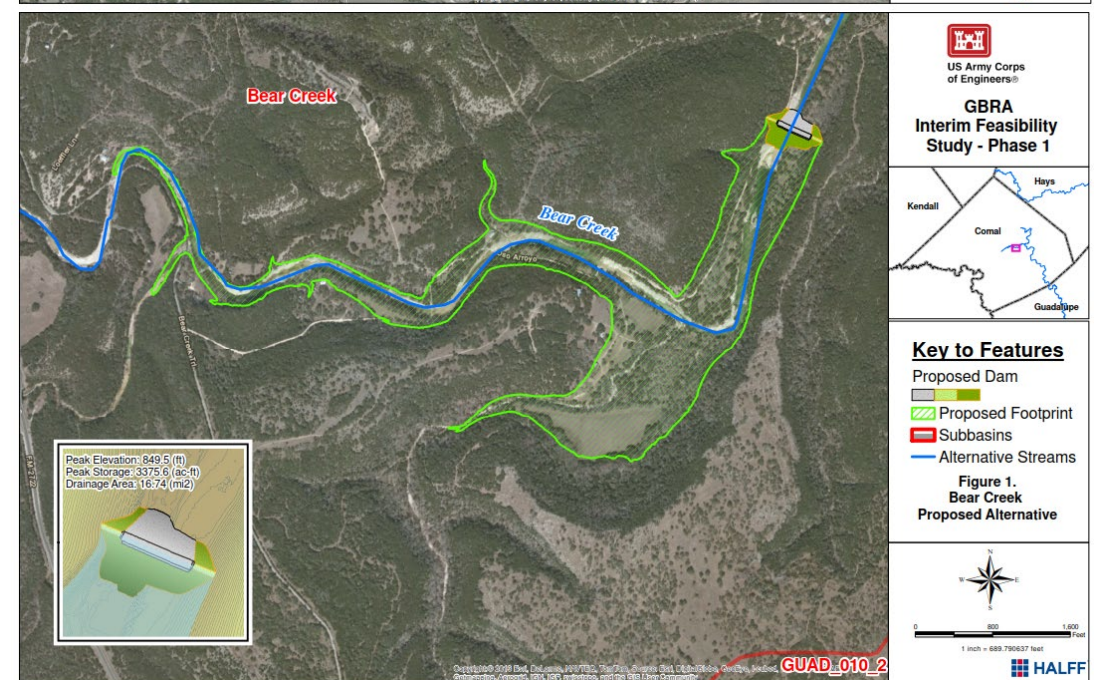
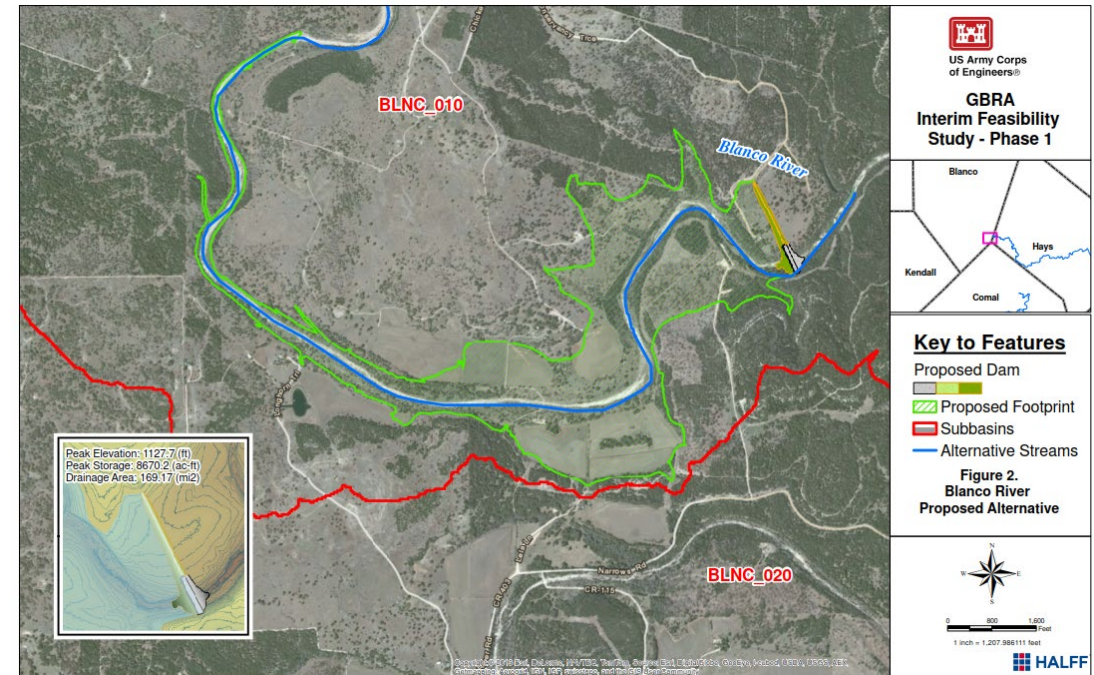
- **Mainstems:** Blanco, San Marcos and Guadalupe Rivers
 - Preliminary Regional Detention
- **Luling**
 - Channel Improvements, Drainage Infrastructure, and Floodwall
- **Woodcreek**
 - Detention and Drainage Infrastructure



PHASE 1 ALTERNATIVES

PRELIMINARY REGIONAL DETENTION

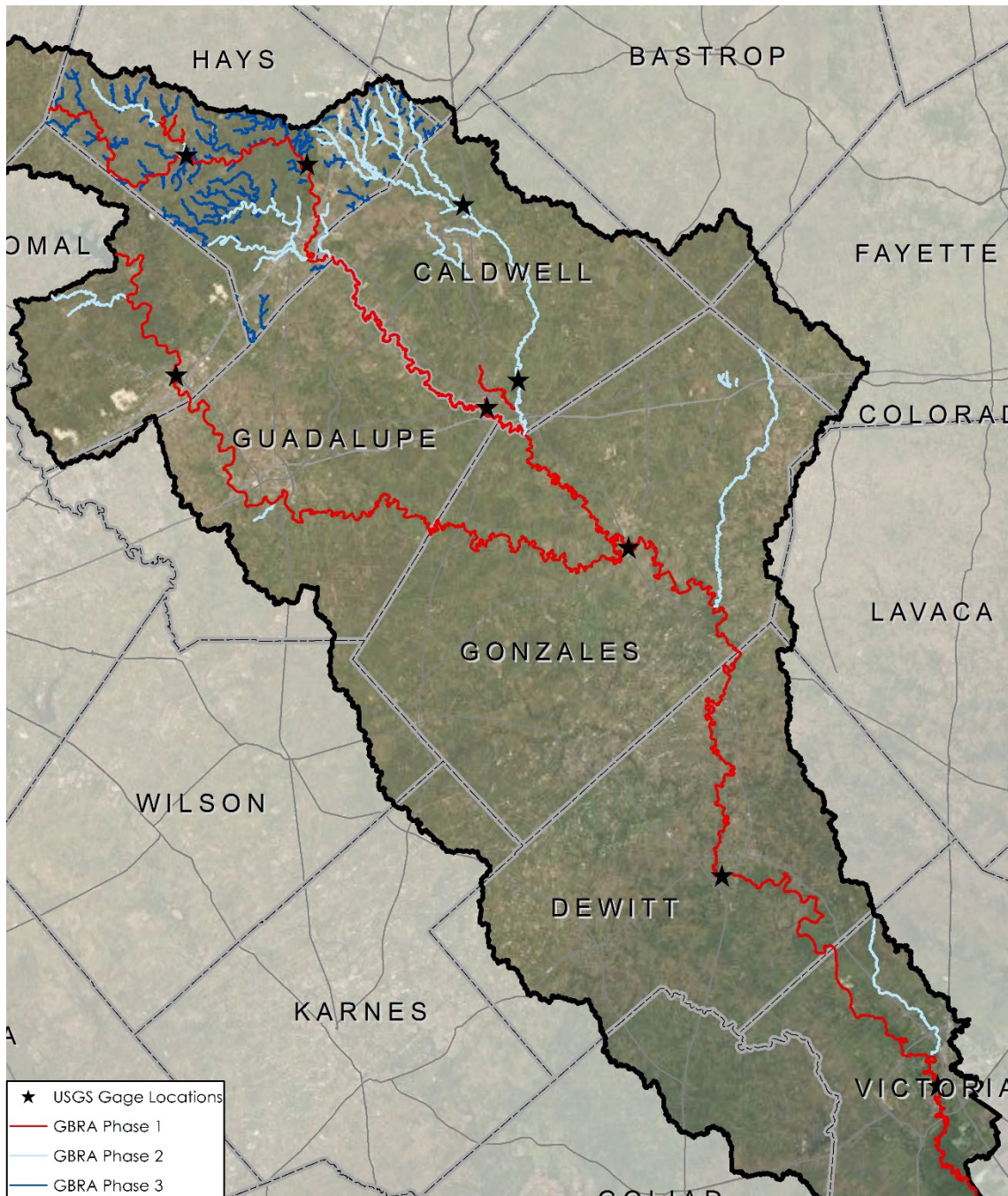
- Blanco River in Blanco County
- Bear Creek in Comal County
- York Creek in Guadalupe County
- Peach Creek in Gonzales County



PHASE 2 STUDY 2014 - 2015

PRELIMINARY REGIONAL DETENTION

- **Local Flood Risk:** Study of Tributaries
- **Refined Hydrology:** 1,080 sq miles
- **Hydraulics:** 270 miles of study
- **Partners:** San Marcos, Lockhart, New Braunfels, Seguin, Gonzales, Cuero, and Victoria
- Alternatives Analysis
- **Dam Breach Analysis:**
16 NRCS Dams



PHASE 2 ALTERNATIVES

City of Kyle

- Detention, Channel Improvements, and Drainage Infrastructure

City of Lockhart

- Detention, Channel Improvements, and Floodwall

City of Seguin

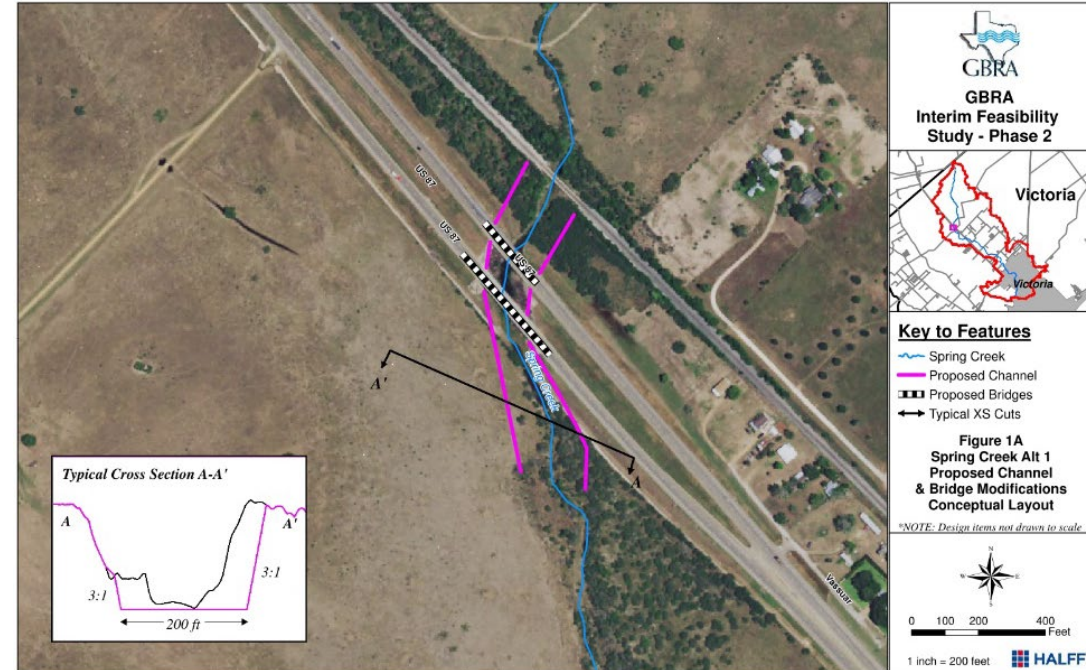
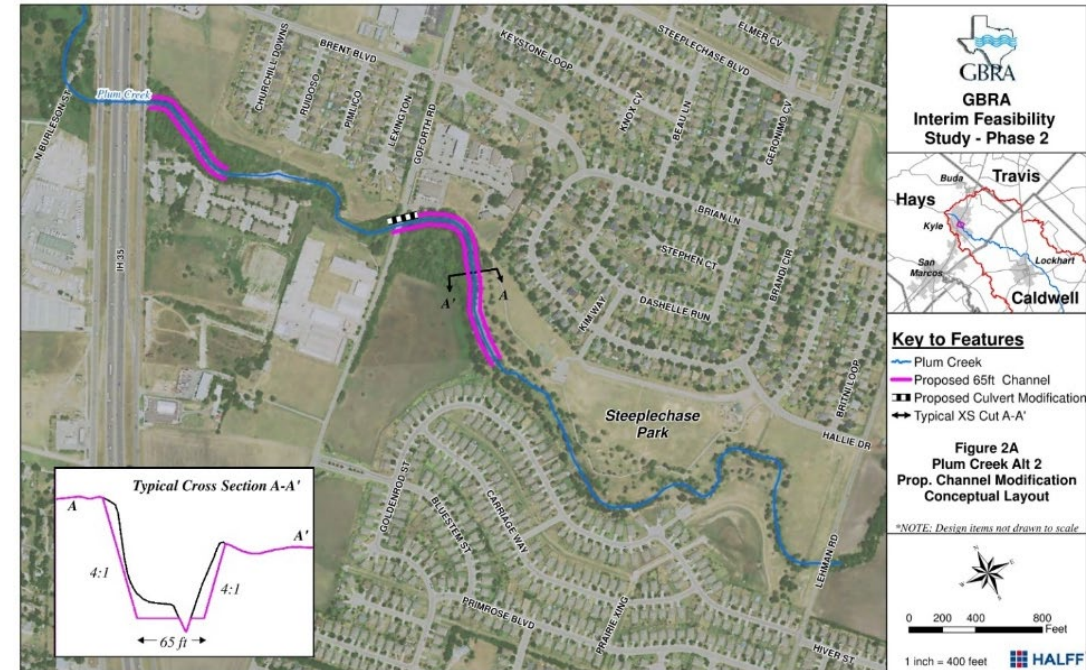
- Detention, Channel Improvements, and Drainage Infrastructure

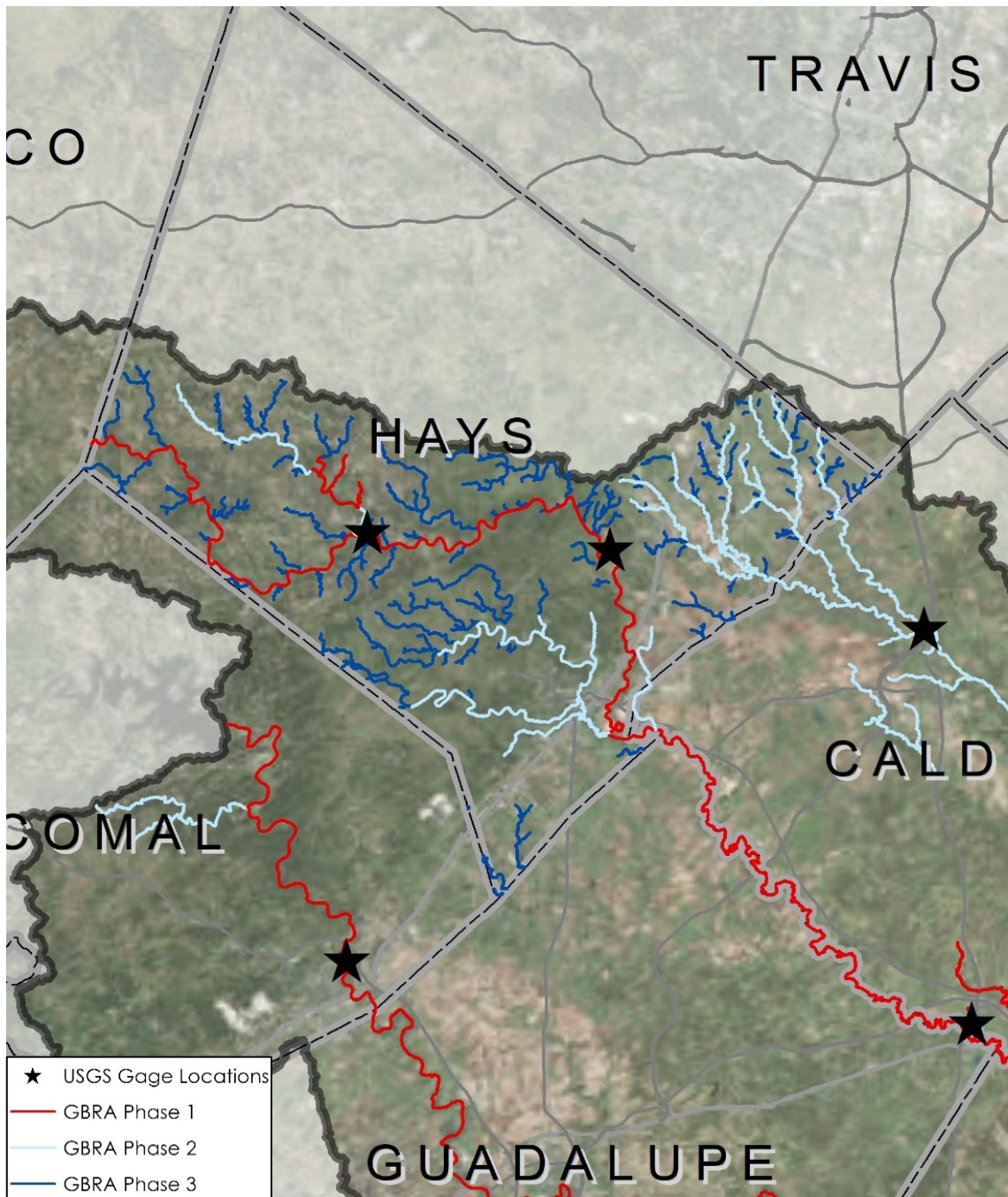
Victoria County

- Detention, Channel Improvements, Drainage Infrastructure, and Property Acquisition

City of Waelder

- Detention, Channel Improvements, and Drainage Infrastructure





PHASE 3 STUDY 2015 - 2017

- **Local Flood Risk:** Study of Tributaries
- **Refined Hydrology:** 25 sq mi
- **Hydraulics:** 225 miles of study
- **Partners:** Hays County, Wimberley, and Kyle
- **Alternatives Analysis**

PHASE 3 ALTERNATIVES

Blanco River Tributaries

- Detention

Hays County

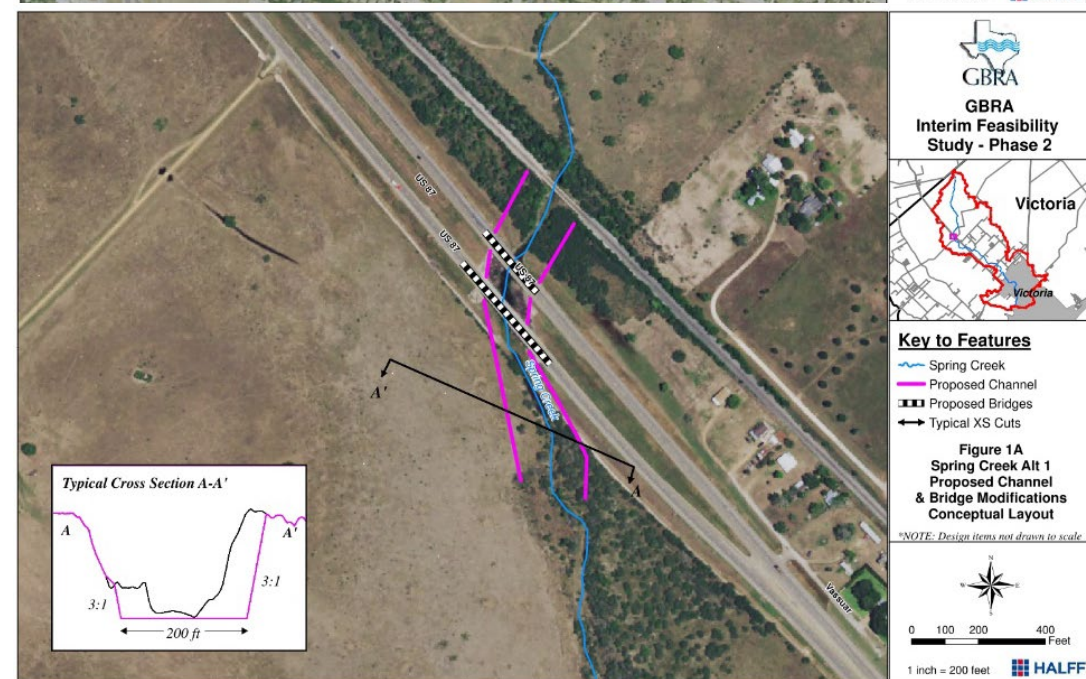
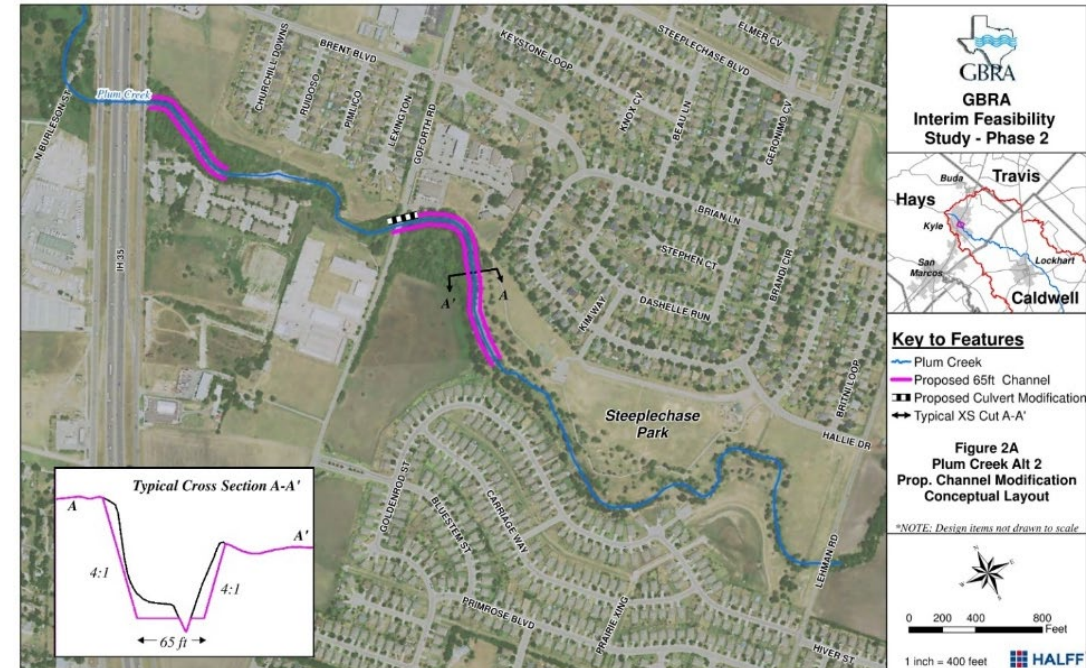
- Drainage Infrastructure: Crossing Improvements and Property Acquisition

Kyle

- Drainage Infrastructure: Crossing Improvements and Property Acquisition

Wimberley

- Detention and Property Acquisition

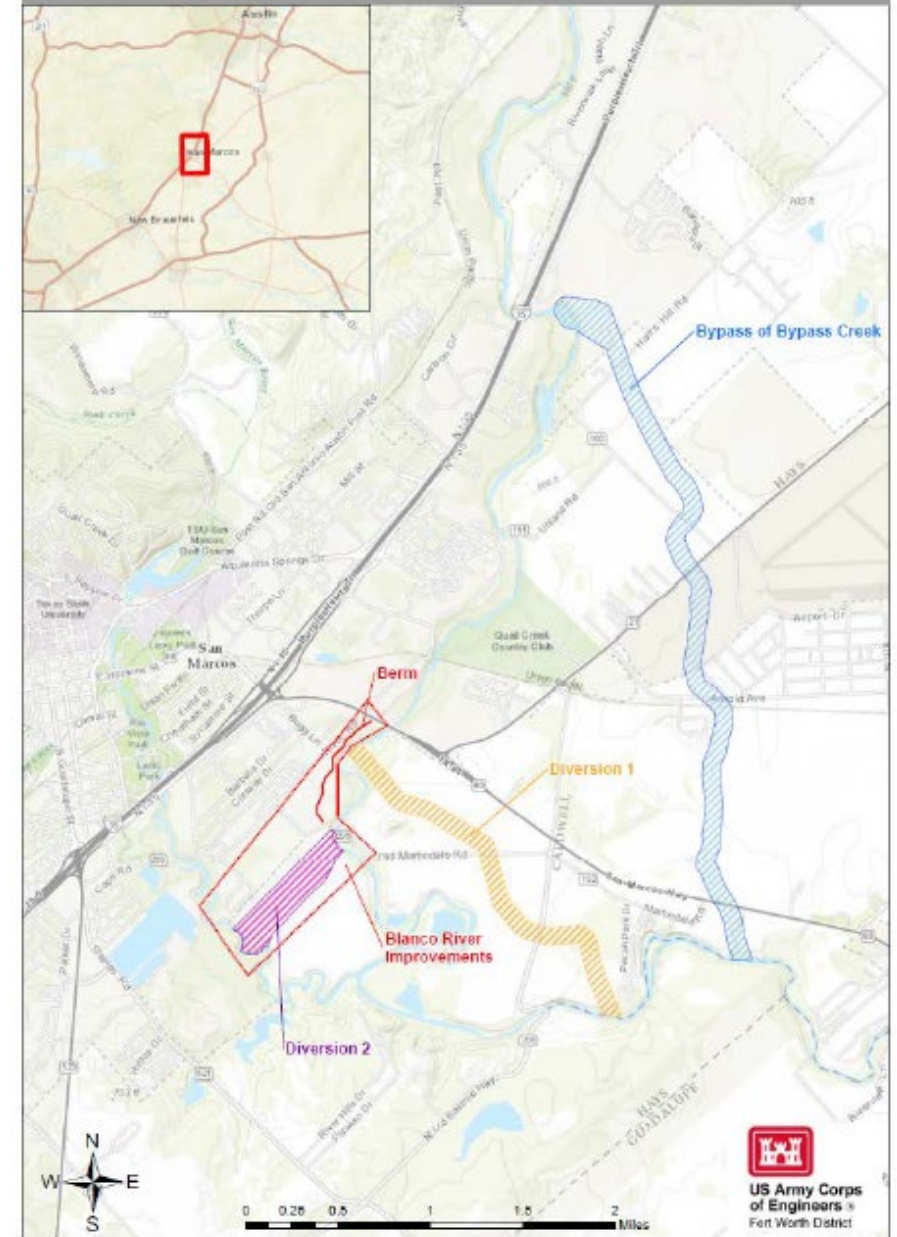


TENTATIVELY SELECTED PLAN ALTERNATIVES

TSP STUDY (2017)

- 11 Damage Centers
- Alternatives Analysis

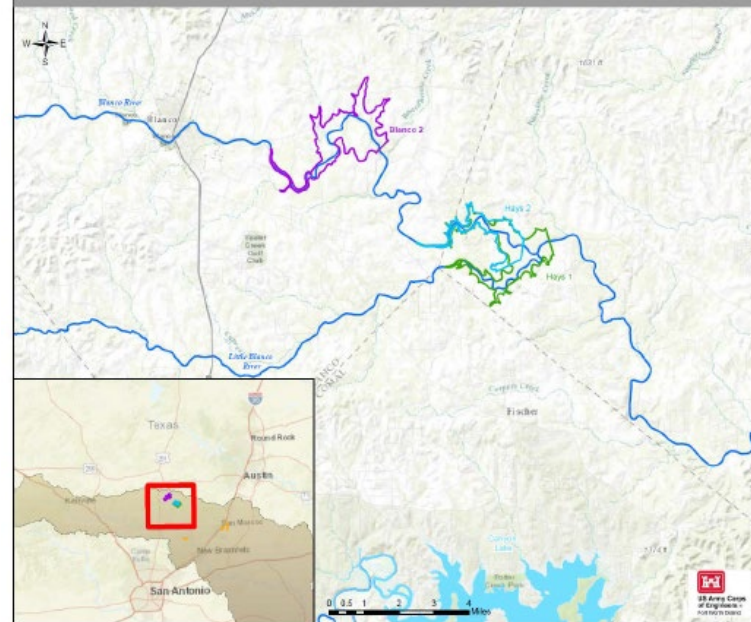
San Marcos Project Area



Bear Creek Detention Site



Blanco River Detention Sites



GRBA SUBSEQUENT STUDIES

FEMA

- **Advisory Base Flood Elevation Mapping after the 2015 Memorial Day Flood**
- **Lower Guadalupe Physical Map Revision**
 - Leveraged GBRA Phase 1 & 2 to update mapping in Hays, Caldwell, Guadalupe, and Gonzales Counties
- **Guadalupe River Hydraulic Refinement**
 - Leveraged GBRA Phase 1 to refine hydraulics and 5 inline dams in Comal, Guadalupe, and Gonzales Counties

INFRM

- 2016 San Marcos Basin Hydrology Assessment
- 2019 Guadalupe River Hydrology Assessment using Atlas 14 Rainfall

SAN MARCOS

- Blanco/San Marcos Confluence 2D Modeling
- Comprehensive Stormwater Drainage Master Plan
- Blanco Riverine Project
 - Blanco Gardens Berm & relief channel

HAYS COUNTY

- Willow Springs/Purgatory Confluence 2D Modeling

KYLE

- Drainage Master Plan

TWDB CTP

- Plum Creek Update using new LiDAR and Atlas 14 Rainfall



US Army Corps
of Engineers®



THANK YOU

Agenda Item 7

Pre-Planning Public Input

Pre-Planning Public Input: The RFPG is soliciting public input regarding suggestions and recommendations as to issues, provisions, projects and strategies that should be considered during the flood planning cycle and/or input on the development of the regional flood plan (as required per Texas Water Code §16.062(d) and 31 Texas Administrative Code §361.12(a)(4))

Regional Flood Planning Pre-Planning Public Meeting Requirements

Pre-Planning Meeting Background

- Provide background on formation of RFPGs and the Regional Flood Planning process.
- Gather suggestions and recommendations as to issues, provisions, projects, and strategies that should be considered in development of regional flood plan.



TWDB flood outreach meeting in Bastrop, TX.

Image: TWDB

About Regional Flood Planning

- First-of-its-kind statewide flood plan
- Watershed-based planning regions
- Bottom-up approach to flood planning
- Transparent process with public input
- Volunteer members representing interest categories

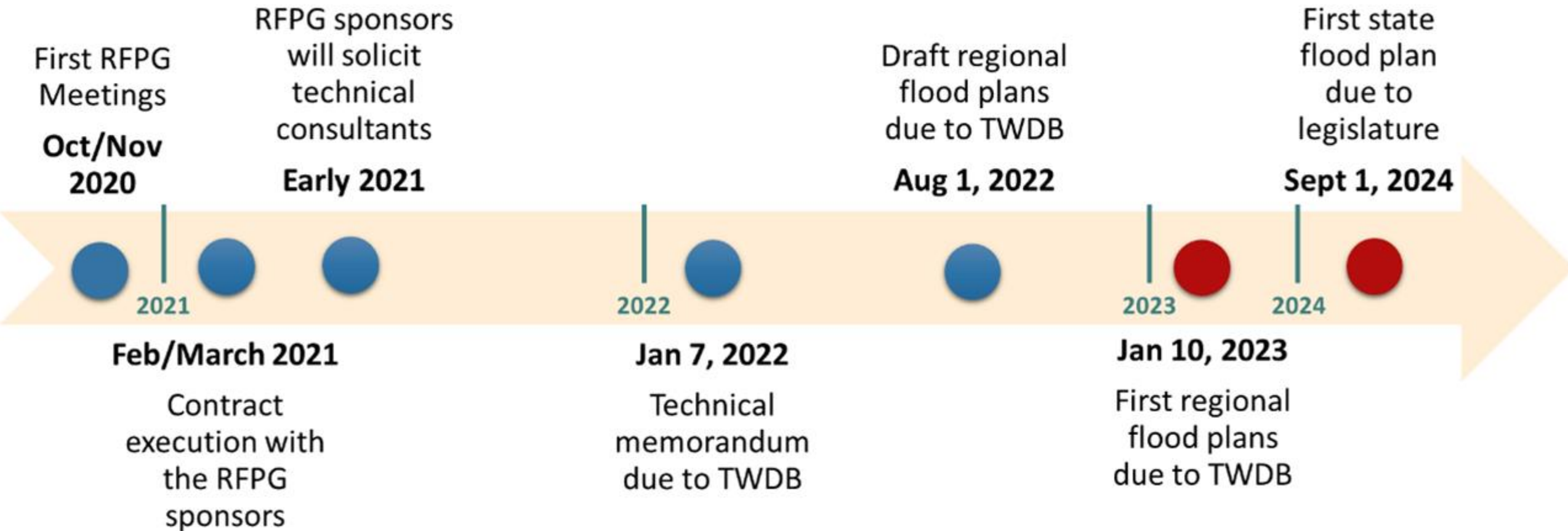


Find your RFRG Information, Meeting Schedules & Important Documents here:

<https://www.twdb.texas.gov/flood/planning/index.asp>

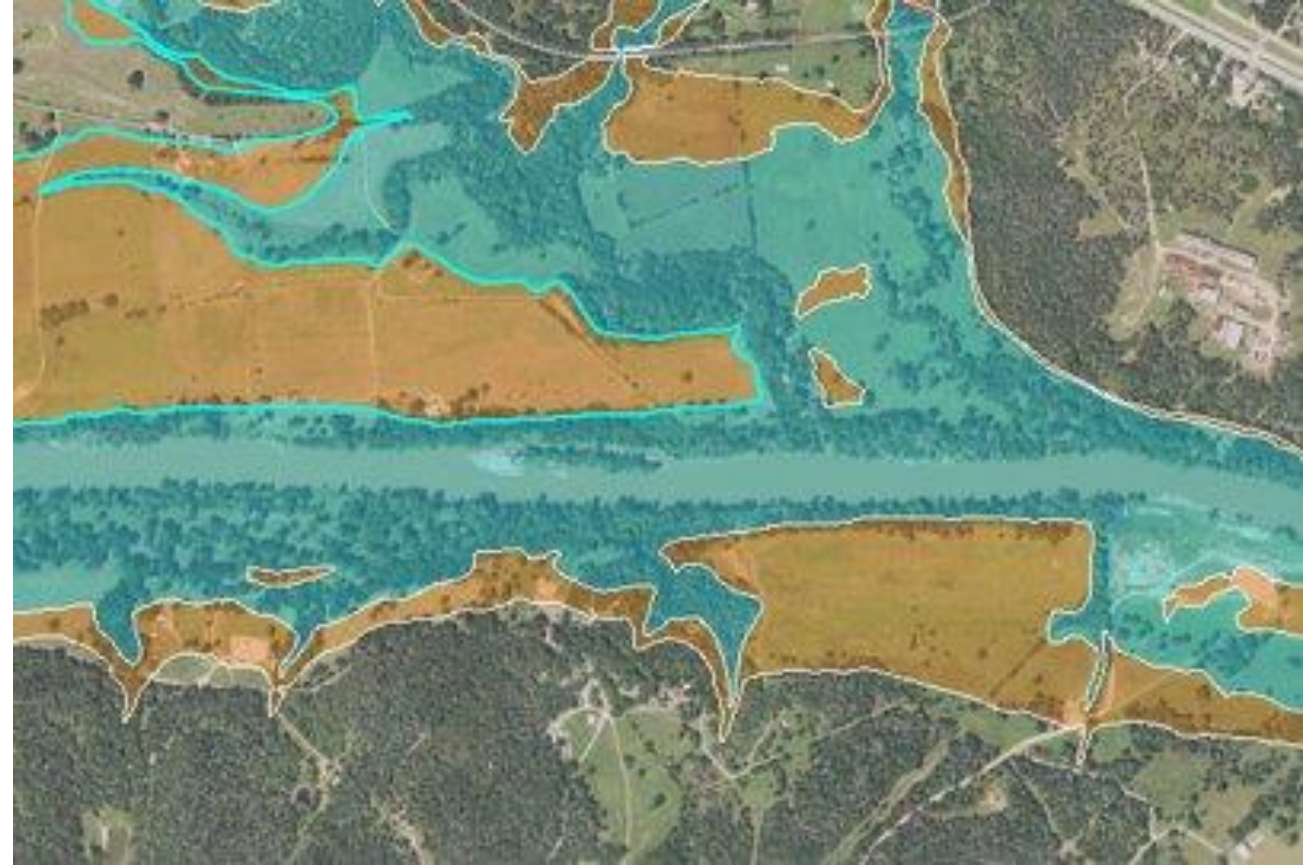
Flood Planning Timeline

SB 8 passed in 2019 requiring a statewide flood plan based on regional flood plans



Key Tasks of the RFPGs

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



The 1% annual chance floodplain is shown in blue.
The 0.2% annual chance floodplain is shown in orange.
Image by FEMA

Flood Mitigation

The implementation of actions, including both **structural** and **non-structural solutions**, to reduce flood risk to protect against the loss of life and property.



Mangroves on the Texas Coast stabilize shorelines and help absorb storm surge; an example of a non-structural flood mitigation solution.

Photo by Univ. Of Texas Marine Science Institute



Galveston Seawall, a structural flood mitigation solution. Image by [Yinan Chen CC-PD](#)

Additional Opportunities for Public Input

There will be many opportunities public involvement:

- public comments are received at every RFPG meeting
- there will be at least one meeting for the public to comment on a flood risk summary map to identify any flood risk not captured
- there will be at least two public pre-planning meetings to receive feedback and gather general suggestions
- the public will get to comment on the draft regional flood plan, once developed



TWDB flood outreach meeting in Bastrop, TX.

Image: TWDB

Find your RFPG Information, Meeting Schedules & Important Documents here:

<https://www.twdb.texas.gov/flood/planning/index.asp>



Image: Brent Hanson, U.S. Geological Survey. Public domain.

Questions? Comments?

Agenda Item 8

Update from Region 10 and
Region 12 Liaisons

- Update from Region 10 (Lower Colorado-Lavaca) Liaison
- Update from Region 12 (San Antonio) Liaison

Agenda Item 9

Update from RFPG
Sponsor (GBRA)
regarding status of

1. Regional Flood Planning Grant contract with the TWDB
2. Request for Qualifications to initiate procurement for a technical consultant
 - Review Questions Received (Deadline to submit questions – Feb, 19th at 2pm)
 - Review Updated Timeline

Questions & Answers - 1

Solicitation 2021-015 - PREPARATION OF A REGIONAL FLOOD PLAN FOR REGION 11
FLOOD PLANNING AREA

Buying Organization Guadalupe-Blanco River Authority

No	Question/Answer	Question Date
Q1	<p>Question: HUB Requirement Is there a HUB goal for this contract? If so, please provide goal.</p> <p>Answer: There is not a stated HUB goal for this contract, however GBRA does require that all qualified firms including Small, Minority, and Woman-Owned Businesses be given the opportunity to provide goods and/or services on this project.</p>	02/12/2021
Q2	<p>Question: Page Size/Count Are 11 X 17 pages allowed for graphics, matrix, schedule, tables? If so, will they count as 1 or 2 pages.</p> <p>Answer: All submissions are to be received electronically scoring committee may or may not print the documents. Documents should be formatted for 8x11 printing.</p>	02/12/2021
Q3	<p>Question: Page Count Are covers exclusive of the page limit?</p> <p>Answer: A one-page cover sheet will not count towards the page limit.</p>	02/18/2021
Q4	<p>Question: Page Count Are tabs/dividers exclusive of the page limit?</p> <p>Answer: Tabs/dividers will not count towards page limit.</p>	02/18/2021
Q5	<p>Question: Page Count Is a Table of Contents exclusive of the page limit?</p> <p>Answer: A Table of Contents will count towards the page limit, if included.</p>	02/18/2021
Q6	<p>Question: Time Extension Due to the state's loss of power this week, will there be an extension on the proposal deadline?</p> <p>Answer: Yes, the deadline will extend to March 12, 2021 at 2pm.</p>	02/19/2021
Q7	<p>Question: Work Plan . One page 3 of the RFQ, under criteria to be used to assist with the scoring of responses, item 2 mentions respondents are to provide an "overall description of work plan and organizational structure to accomplish assignment". Should the work plan be included in Section 2, Team Organization?</p> <p>Answer: Firms may organize their proposals as they see fit. It is recommended, in order to assist in scoring, that all requirements be clearly labeled.</p>	02/19/2021
Q8	<p>Question: Project Approach There is no mention of a "project approach" in the RFQ. Was that intentional? Was it intended that the "work plan" is the "project approach"?</p> <p>Answer: Yes, that was the intent.</p>	02/19/2021

No	Question/Answer	Question Date
Q9	<p>Question: Conflicts of Interest</p> <p>The RFQ provides direction on how to disclose potential conflicts of interest with GBRA. How should respondents disclose any potential or perceived conflicts of interest with other RFPG members in their proposals/responses?</p> <p>Answer: Please submit form CIQ from the Texas Ethics Commission if a conflict exists with either entity.</p>	02/19/2021
Q10	<p>Question: Team Capacity</p> <p>Given the selection criteria on pages 3 and 4 of the RFQ, how will the RFPG score Item 1: Capacity?</p> <p>Answer: Like all criteria, capacity will assist the scoring team in assessing the qualifications in multiple areas of the proposal.</p>	02/19/2021
Q11	<p>Question: Page Size</p> <p>Can 11x17 pages be used in the response for graphics and/or organization charts? If yes, would that count as one or two pages towards the total page count.</p> <p>Answer: Please use 8.5x11, as it may be printed by the Executive Committee.</p>	02/19/2021

Agenda Item 9

RFQ Updated Timeline

- Submission Deadline: Friday, March 12, 2021 at 2pm
- Executive Committee to review submissions
- Executive Committee meet the week of March 22nd
- Potential Interviews week of March 29th
- Executive Committee to make recommendation to Planning Group at April meeting
- Discuss moving April meeting to second week

Agenda Item 10

Public General Comments

Public Comments limited to 3 minutes per speaker

Agenda Item 11

Consider date and agenda items for next meeting

Agenda Item 12

Adjourn