Region 6 - San Jacinto Regional Flood Planning Group
August 11, 2022
9:00 AM
Hybrid Meeting
Item 1: Call to Order
Item 2: Welcome and Roll Call
Item 3: Registered Public Comments on Agenda Items
(3 minutes limit per person)
Item 4: Texas Water Development Board Update
Item 5: Approval of minutes - July 14, 2022
### Roll Call

<table>
<thead>
<tr>
<th>Voting Member</th>
<th>Interest Category (Executive Committee role)</th>
<th>Present (X) / Absent (X) / Alternate Present (*)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timothy E. Busche</td>
<td>Industries (Chair)</td>
<td>X (In-Person)</td>
</tr>
<tr>
<td>Alex Vision</td>
<td>Water Districts (Vice Chair)</td>
<td>X (In-Person) *Augustus Campbell (In-Person)</td>
</tr>
<tr>
<td>Erwin Burden</td>
<td>Counties (Secretary)</td>
<td>X (In-Person)</td>
</tr>
<tr>
<td>Gene Fritzei</td>
<td>Public (At-Large member)</td>
<td>X (In-Person)</td>
</tr>
<tr>
<td>Matthew Barrett</td>
<td>River Authorities (At-Large member)</td>
<td>X (In-Person) *Briona Gallagher (In-Person)</td>
</tr>
<tr>
<td>Eliza Marie Donovan</td>
<td>Agricultural Interests</td>
<td>X (In-Person)</td>
</tr>
<tr>
<td>Connie Pothier</td>
<td>Small Business</td>
<td>X (In-Person)</td>
</tr>
<tr>
<td>Paul E. Lock</td>
<td>Electric Generating Utilities</td>
<td>X (In-Person)</td>
</tr>
<tr>
<td>Rachel Powers</td>
<td>Environmental Interests</td>
<td>X (In-Person)</td>
</tr>
<tr>
<td>Stephen Costello</td>
<td>Municipalities</td>
<td>X (In-Person)</td>
</tr>
<tr>
<td>Dena Green</td>
<td>Flood Districts</td>
<td>X (In-Person)</td>
</tr>
<tr>
<td>Todd Burner</td>
<td>Water Utilities</td>
<td>X (In-Person)</td>
</tr>
<tr>
<td>Brian Maxwell</td>
<td>Coastal Communities</td>
<td>X (In-Person)</td>
</tr>
<tr>
<td>Christina Quintero</td>
<td>Public</td>
<td>X (In-Person)</td>
</tr>
<tr>
<td>Neil Gwynn</td>
<td>Upper Watershed</td>
<td>X (In-Person)</td>
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### Non-voting Member

<table>
<thead>
<tr>
<th>Agency</th>
<th>Present (X) / Absent (X) / Alternate Present (*)</th>
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<tbody>
<tr>
<td>Hope Zuberi Texas Parks and Wildlife Department</td>
<td>X</td>
</tr>
<tr>
<td>Michelle Ellis Texas Division of Emergency Management</td>
<td>*Eric Wight (In-Person)</td>
</tr>
<tr>
<td>Kristin Lambrecht Texas Department of Agriculture</td>
<td>X</td>
</tr>
<tr>
<td>Joel Clark Texas State Soil and Water Conservation Board</td>
<td>X</td>
</tr>
<tr>
<td>Karla Freywo Strickling Texas General Land Office</td>
<td>X</td>
</tr>
<tr>
<td>Megan Ingram Texas Water Development Board</td>
<td>X (In-Person)</td>
</tr>
<tr>
<td>Melinda Johnston Texas Commission on Environmental Quality</td>
<td>X</td>
</tr>
<tr>
<td>Justin Blower Houston-Galveston Area Council</td>
<td>X</td>
</tr>
<tr>
<td>Ellie Alkony Texas Department of Transportation</td>
<td>X</td>
</tr>
<tr>
<td>Tom Heidt Port Houston</td>
<td>X</td>
</tr>
<tr>
<td>Michael Turno Harris-Galveston Subdivision District</td>
<td>X</td>
</tr>
<tr>
<td>Brandon Wade Region H Regional Water Planning Group</td>
<td>X</td>
</tr>
<tr>
<td>Sally Balok Gulf Coast Protection District</td>
<td>X</td>
</tr>
<tr>
<td>Eric Stevens U.S. Army Corps of Engineers</td>
<td>*Lisa Mears</td>
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</tbody>
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### Liaisons from RFPG

<table>
<thead>
<tr>
<th>Regional Flood Planning Group</th>
<th>Present (X) / Absent (X) / Alternate Present (*)</th>
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<tbody>
<tr>
<td>Todd Burner Trinity Region RFPG</td>
<td>X</td>
</tr>
<tr>
<td>Stephen Costello Neches Region RFPG</td>
<td>X</td>
</tr>
</tbody>
</table>
M. Turco  
Lower Brazos RFCG

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<thead>
<tr>
<th>Leaders from Other Entities</th>
<th>Entity</th>
<th>Present/Abstain/Alternate Present(*)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mark Vogler</td>
<td>Lower Brazos RFCG</td>
<td>*Jeff Jarowick</td>
</tr>
<tr>
<td>Scott Harris</td>
<td>Trinity Region RFCG</td>
<td></td>
</tr>
<tr>
<td>Liv Haselbach</td>
<td>Nueces Region RFCG</td>
<td></td>
</tr>
<tr>
<td>Brandon Wade</td>
<td>Region H Regional Water Planning Group</td>
<td>X</td>
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<thead>
<tr>
<th>Technical Consultant Team Members</th>
<th>Entity</th>
<th>Present/Abstain/Alternate Present(*)</th>
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<tbody>
<tr>
<td>Cory Stull</td>
<td>Freese and Nichols Inc.</td>
<td>X (In-person)</td>
</tr>
<tr>
<td>Maggie Puckett</td>
<td>Freese and Nichols Inc.</td>
<td>X (In-person)</td>
</tr>
<tr>
<td>Hayes McIlwain</td>
<td>Freese and Nichols Inc.</td>
<td>X</td>
</tr>
<tr>
<td>Andrew Moore</td>
<td>Half Associates</td>
<td>X (In-person)</td>
</tr>
<tr>
<td>Jacob Torres</td>
<td>Torres &amp; Associates</td>
<td></td>
</tr>
<tr>
<td>Evan Adrian</td>
<td>Torres &amp; Associates</td>
<td>X</td>
</tr>
<tr>
<td>Rachel Herr</td>
<td>Half Associates</td>
<td>X (In-person)</td>
</tr>
<tr>
<td>Monica Najmudin</td>
<td>Hallamay Environmental + Communications</td>
<td>X</td>
</tr>
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<thead>
<tr>
<th>Project Sponsor</th>
<th>Entity</th>
<th>Present/Abstain/Alternate Present(*)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fatima Ibarra</td>
<td>Harris County Engineering Department</td>
<td>X (In-person)</td>
</tr>
<tr>
<td>Claudia Garcia</td>
<td>Harris County Engineering Department</td>
<td>X (In-person)</td>
</tr>
</tbody>
</table>

Quorum:
Quorum: Yes
Number of voting members or alternates that were present: 13
Number required for quorum per current voting membership of 15: 8

Attendees**:

In Person: John Graziano, Reem Zouin (TWDB), Dr. Tina Petersen (HCCD), Roger Gaskamp (MC MUD 83), Linda Diament (MC MUD 83)

Remote:
- India
- Brian Edmondson
- Caitlin Heller
- Call-in User_2
- Cristian Ayala
- James Bronikowski (TWDB)
- Jishnu Nair
- Joe
- Mac Martin
- Marcus Stuckett
- Parsh
- Peggy Zehler
- Susan Chadwack
- Susan Fraser
- Vince DeCapio (Arcadis)

**Meeting attendee names were gathered from those who entered information on the Webex meeting registration.
All meeting materials were available for the public at: Meetings - San Jacinto Regional Flood Planning (sanjacintofloodplanning.org)
AGENDA ITEM NO. 1: Call to Order
Mr. Buscha called the meeting to order at 9:00 a.m.

AGENDA ITEM NO. 2: Welcome and Roll Call
Ms. Berrios took attendance. A quorum was determined to be present. Mr. Buscha recognized Dr. Tina Petersen, the Executive Director of Harris County Flood Control District in attendance.

AGENDA ITEM NO. 3: Registered Public Comments on Agenda Items (Limit of 3 Minutes Per Person)
Mr. Buscha opened the floor for registered public comments. Mr. Gaskamp with Montgomery County MUD 83, representing MUD 83 and MUD 84, spoke to the group about maintenance needs for a channel in Montgomery County. Mr. Gaskamp wanted to ensure his concerns are reflected in the Regional Flood Plan. Mr. Buscha invited Mr. Gaskamp to visit with the SIRFPD Technical Consultant, Freeze & Nichols, Inc., who had representatives in attendance. No additional public comments were made.

AGENDA ITEM NO. 4: Texas Water Development Board Update
Mr. Buscha welcomed Ms. Ingram and Ms. Zoun who attended in-person. Ms. Zoun invited the Chair and Vice Chair to briefly convene after the meeting to discuss the next planning cycle.

AGENDA ITEM NO. 5: Approval of Meeting Minutes – June 9, 2022
Mr. Buscha opened the floor for comments on the June 9, 2022 meeting minutes. Mr. Barrett offered minor comments. Mr. Lock confirmed his attendance at the June 9 meeting. Mr. Lock made the motion to approve the minutes, as revised. Mr. Burden seconded. Mr. Buscha called for a vote and stated the motion to approve the June 9 meeting minutes passed.

AGENDA ITEM NO. 6: Announcement of New Alternate Members and New Non-Voting Members
Mr. Buscha announced Dr. Tina Petersen as Dena Green’s alternate. Dr. Petersen noted that her acceptance of the alternate role to Ms. Green is subject to Harris County Commissioners Court approval.

AGENDA ITEM NO. 7: Liaison Reports Pertaining to Other Region(s) Progress and Status
a. Trinity Region – Mr. Burner updated that the Trinity region had published its draft of Chapter 6 (Impact and Contribution to the regional flood plan). Mr. Burner stated that the next meeting would be July 21, where a vote will take place to approve the draft plan and he will be able to fully report on the outcome at the August 11 SIRFPD meeting.

b. Neshes Region – Mr. Buscha stated Mr. Costello was not on the call.

c. Lower Brazos Region – Mr. Wade updated that the Lower Brazos region RFPG is set to approve its draft plan at its next meeting on July 23.

d. Region H Water – Mr. Wade stated Region H will be meeting in-person in Conroe, Tx on August 3 at 10:00 am.

e. Gulf Coast Protection District (GCPI) – Ms. Bakko updated that the US Senate will be voting on the Water Resources Development Act of 2022, which includes and would authorize the Coastal Texas Study - Storm Surge Protection System project that is included in the list of FIPs previously voted on by the SIRFPD. Ms. Bakko updated that since the US House of Representatives passed its bill in June, authorizing the project as well, this could mean that it might be on the President’s desk before the August recess for a budget request in FY2024.

AGENDA ITEM NO. 8: Presentation and Update from the Technical Consultant on the development of the Regional Flood Plan:
a. Disclaimer(s) added to the Regional Flood Plan

b. Approval of the Draft Regional Flood Plan and authorization to submit the plan and required materials to the TWDB contingent upon incorporation of any necessary, non-substantive comments or changes including, but not limited to:

i. Updates necessary to adhere to recently issued TWDB guidance

ii. Non-substantive updates necessary to address recently received comments from the TWDB on the Technical Memorandum

iii. Updates necessary to address additional or outstanding RFPG comments

c. Future efforts to solicit input on the Draft Regional Flood Plan

Mr. Buscha stated the goal of the meeting was to approve the draft Regional Flood Plan (draft Plan). Ms. Vinson reminded the group that the draft Plan submittal deadline for submittal to the TWDB is August 1, 2022.

Ms. Stull gave updates on plan developments and next steps. Ms. Puckett reviewed details of the compilation of the draft Plan. Ms. Puckett reviewed recent changes to the draft Plan including addressing feedback from Task 9: Flood Infrastructure Financing Analysis and updates to the FMX list. Ms. Puckett reviewed the disclaimers proposed for inclusion in the draft Plan, as requested by the RFPG. Ms. Puckett reviewed the submittal of the draft Plan including Volumes 1 and 2 and all the back-up data such as spatial data. Ms. Puckett reminded the group of the non-substantive feedback deadline of July 18th at noon, for the draft Plan. Discussion ensued regarding comments on the draft plan.

Ms. Puckett reviewed the input timeline of the draft Regional Flood Plan. Discussion ensued. Ms. Puckett opened the floor for comments on approval of the draft Plan. Mr. Buscha reiterated the deadline for comments from the RFPG, which is July 18, and opened the floor for comments before taking a vote. Discussion ensued.

Ms. Vinson made a motion to approve the submittal of the draft Regional Flood Plan, as presented subject to any necessary non-substantive comments. Mr. Fisseler seconded. Mr. Buscha took a formal vote and announced the motion passed to approve the submittal of the draft Regional Flood Plan.

Ms. Najmuadin stated the Public Engagement Committee met on July 5 and agreed that the last two weeks of September are ideal for the next public engagement meetings. The Public Engagement Committee identified a couple of potential locations. Ms. Najmuadin stated that due to funding and lessons learned, there will be only one in-person meeting and one virtual meeting. Discussion ensued. Ms. Najmuadin reviewed the meeting accommodations to be considered and advised that the next Public Engagement Committee meeting will be August 5 at 1:30 pm. Mr. Buscha asked any members interested in attending that meeting to let the Project Sponsor know to avoid a quorum.

**AGENDA ITEM NO. 9: Update and recommendation(s) from the Public Engagement Committee; discussion, and possible action from the RFPG as it pertains to the development of the Communications and Media Engagement Plan and the next Public Outreach meeting**

Ms. Najmuadin stated that feedback was received for and provided a high-level overview of the changes since the RFPG last saw the Communications and Media Engagement Plan. Discussion ensued.
Mr. Fisseler made the motion to approve the Communications and Media Engagement Plan, as revised, and Mr. Burden seconded. Mr. Buscha called for a vote and announced the motion passed to approve the Communications and Media Engagement Plan, as revised.

Mr. Buscha opened the floor for comments on the next public outreach meeting. Mr. Buscha asked the RFPG to consider the details previously reviewed in the meeting by the Communications Consultant, as presented by the Public Engagement Committee. Discussion ensued.

AGENDA ITEM NO. 10: Approval and Certification of Administrative Expenses Incurred by The Project Sponsor for the Development of Regional Flood Plan
Mr. Buscha confirmed the Project Sponsor expenses. Ms. Vinson moved to approve the Project Sponsor expenses and Mr. Fisseler seconded. A vote was taken and Mr. Buscha stated the Project Sponsor administrative expenses were approved.

AGENDA ITEM NO. 11: Presentation of 2022 Planning Group Key Dates and Deadlines:
   a. Upcoming Planning Schedule Milestones
   b. Next RFPG Planning Meeting to be held on August 11, 2022
Mr. Buscha stated that the RFPG would be approving the final version of the Regional Flood Plan in December. Mr. Buscha mentioned the next RFPG meeting is August 11, 2022.

AGENDA ITEM NO. 12: Update and Discussion Pertaining to In-Person RFPG Meeting Location(s)
Mr. Buscha requested that the Project Sponsor seek to hold the August 11 meeting at the HARC location. Mr. Buscha stated that meetings after that date will likely be held in a central location in Houston.

AGENDA ITEM NO. 13: Reminder Regarding Planning Group Member Training on Public Information Act and Open Meetings Act
Mr. Buscha reminded the group to complete the training needs and submit records to the Project Sponsor.

AGENDA ITEM NO. 14: Consider Agenda Items for Next Meeting
Mr. Buscha identified the following items for the next meeting agenda:
   • The RFPG will approve the recommendation from the Public Engagement Committee for the next public outreach meeting
   • Presentation by the GCPO, confirmed by Ms. Bakko

AGENDA ITEM NO. 15: Public Comments – Limit 3 Minutes Per Person
Mr. Buscha opened the floor to public comments. Ms. Berrns stated there were no public comments.

AGENDA ITEM NO. 16: Adjourn
Mr. Buscha announced the meeting was adjourned at 10:34 a.m.
Item 6: Announcement of new Alternate Members and new Non-Voting Members
Flood Planning Region Boundaries

Legend:
- Major Roadways
- Major Rivers
- Major Reservoirs

Flood Planning Region Boundaries:
- Canadian-Upper Red
- Guadalupe
- Lower Brazos
- Lower Colorado-Lavaca
- Lower Colorado-Sulphur-Cypress
- Lower Rio Grande
- Neches
- Nueces
- Sabine
- San Antionio
- San Jacinto
- Trinity
- Upper Brazos
- Upper Colorado
- Upper Rio Grande
- County Boundaries
- Urbanized Areas

Texas Water Development Board

as of 4/5/20
Item 7: Nomination, discussion, and possible action to elect the SJRFPG Secretary
Secretary Duties:

• Serve as officer and on the Executive Committee
• Keep official records, keep attendance, and maintain minutes of all meetings
• Prepare agendas, meeting materials, or any other pertinent information and distribute to the full membership of the RFPG accordingly
• Ensure all notices are properly posted, as required by law, as by the Texas Open Meetings Act, and provide advance notices to the full membership of the RFPG
• Shall preform other duties as assigned by the Chair or bylaws
• If both the Chair and Vice Chair are unable to carry out the duties of the Chair, the Secretary shall assume the duties of the Chair
Item 8:
Liaison Reports pertaining to other region(s) progress and status and other Related Entities:

a. Trinity Region
b. Neches Region
c. Lower Brazos Region
d. Region H Water
e. Gulf Coast Protection District
Item 9:
Presentation by GCPD – Overview of the Gulf Coast Protection District
Gulf Coast Protection District

San Jacinto Regional Flood Planning Group

Overview of Gulf Coast Protection District

Nicole Sunstrum, Executive Director/ Sally Bakko, Board of Directors

August 11, 2022
Creation of GCPD

- Senate Bill 1160 87 (R)
- GCPD Territory
- GCPD Board
- Related Legislation
- Our Partners
- GCPD Timeline
- Funding Sources
SB 1160 (Taylor/Paul):

- Authored by Senator Larry Taylor and Representative Dennis Paul
- Multiple coauthors and cosponsors, bipartisan support
- Passed the Texas legislature in 2021 to create the Gulf Coast Protection District
- Purpose:
  1. To serve as the non-Federal sponsor for the portions of the Coastal Texas and Sabine Pass to Galveston Bay (S2G) Programs located within GCPD territory.
  2. To operate and maintain portions of the Coastal Texas and S2G Programs located within GCPD territory, once constructed.
GCPD Territory

- Chambers County
- Galveston County
- Harris County
- Jefferson County
- Orange County
GCPD Board: Governor Appointees

• Terms expiring June 16, 2025
  ➢ Sally Bakko (Municipal Interests)
  ➢ Michel Bechtel (Harris County)
  ➢ Roger Guenther (Ports)
  ➢ Bob Mitchell (Harris County)
  ➢ Lori Traweek (Environmental Interests)
  ➢ Michael VanDerSnick (Industry)
GCPD Board: County Appointees

• Initial two year, then four-year terms:
  ➢ Commissioner Billy Combs, Chambers County
  ➢ Roger Quiroga, Galveston County
  ➢ Commissioner Adrian Garcia, Harris County
  ➢ Allan Ritter, Jefferson County
  ➢ Commissioner Kirk Roccaforte, Orange County
## Related Legislation

<table>
<thead>
<tr>
<th>SB 2265, 85 (R)</th>
<th>SB 2212, 86 (R)</th>
<th>SB 500, 86 (R)</th>
<th>SB 1, 87 (R)</th>
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</thead>
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| • Authored by Sen. Larry Taylor, Rep. Wayne Faircloth  
• Failed  
• Would have expanded the territory of the Gulf Coast Authority and created an advisory board to operate and maintain a coastal spine project  
• Contingent on federal funding | • Authored by Sen. Larry Taylor, Rep. Dennis Paul  
• Passed  
• Allowed the local drainage districts involved in the S2G Program to sign agreements with the USACE to advance these projects | • Provided $200 million in state funding for project costs and required non-Federal cost-share for all three projects included in the S2G Program  
• Held by the Texas General Land Office  
• Applicable Counties: Brazoria, Jefferson, Orange | • Provided $200 million in state funding for GCPD administrative costs, project costs, and non-Federal cost share for the S2G and Coastal Texas projects within GCPD territory  
• Held by the Texas General Land Office  
• Applicable Counties: Chambers, Galveston, Harris, Jefferson, and Orange |
Our Partners

- Texas General Land Office
- U.S. Army Corps of Engineers
- Drainage Districts
- GCPD Counties
- Cities
- Texas Congressional Delegation
- Texas Legislature

Other Stakeholders

- Property Owner Associations
- Environmental Organizations
- Engineering Community
- Academic Institutions
- Trade Associations
- Maritime Pilots
- Landowners
- Industry
- Texas Ports
GCPD Timeline

• **2018**: S2G Program authorized by the Water Resources Development Act of 2018 and funded by the Bipartisan Budget Act of 2018

• **June 16, 2021**: SB 1160 effective, formally launching the GCPD

• **August 18, 2021**: First GCPD Board Meeting, GCPD signs letter of intent (LOI) with US Army Corps of Engineers for the Coastal Texas Program

• **September 16, 2021**: Coastal Texas Study completed, Chief's Report signed

• **April 29, 2022**: GCPD signed partnership agreement (PPA) with USACE for the Orange County Project, a component of the S2G Program

• **Summer 2022**: 2022 Water Resources Development Act

• **January 2023**: 88th Legislative Session, Texas
Possible Funding Sources

➢ **Federal Funding**
  - Appropriations
  - Reduction on match
  - Reduction in interest
  - Grants/eligible federal money

➢ **State Funding**
  - Legislative Appropriations
  - Grants/state agency money
  - In-kind donation (property)

➢ **Local Funding**
  - Tax revenue
  - Fees
  - In-kind work/donation
  - Project dollars

➢ **Alternative Funding**
  - Public-Private Partnerships
  - Resilience Bonds
  - Resilience Investors
A Comprehensive Coastal Resiliency Strategy for the Upper Texas Coast
The Coastal Texas Program

MULTIPLE LINES OF DEFENSE ON THE TEXAS COAST

Illustration is representational and not to scale
The Coastal Texas Program
Bolivar Roads Gate System
The Coastal Texas Program
Bolivar Roads Gate System
The S2G Program

Orange County Project:

➢ Approximately 15 miles of new earthen levees
➢ Approximately 10 miles of new concrete floodwalls
➢ Approximately 50 gravity drainage structures and multiple new pump stations, providing interior drainage for areas behind the levee/floodwall
➢ Approximately 30 closure structures located at road and railroad crossings
➢ Two navigable sector gates, with adjacent vertical lift gates, at Adams and Cow Bayous
➢ Restoration of approximately 450 acres of coastal marsh and 560 acres of forested wetlands, as mitigation for the project’s unavoidable environmental impacts
➢ Estimated Cost: $2.4 billion
The S2G Program

Port Arthur Project:

➢ The raising of approximately 6 miles of existing levees
➢ The addition or reconstruction of approximately 6 miles of floodwall and associated tie-in structures
➢ The construction of approximately 1,800 feet of new earthen levee in the Port Neches area
➢ The replacement of 26 closure structures located at road and railroad crossings
➢ Erosion protection improvements at multiple locations
➢ This project is an improvement to the existing system
➢ Estimated Cost: $565 million
Port Arthur Project Overview
*Not to scale and for illustrative purposes only

- Improved Levees
- Improved Floodwalls
- New Levees

Port Arthur
Federal Participation

• Water Resources Development Act (WRDA) of 2022

• Project Funding

• Other considerations
Federal Participation

• WRDA 2022
  - where in the legislative process
  - what does authorization mean
  - what comes next
  - back up legislation
Federal Participation

• Funding
  - how are WRDA projects funded
  - federal funding of S2G program

• Other considerations
Questions
Follow us on Twitter and Facebook:
Twitter: GCPDTexas
Facebook: Gulf Coast Protection
Email: info@gcpdtexas.com
Website: www.gcpdtexas.com

S2G Program website:
www.swg.usace.army.mil/S2G

Coastal Texas Program website:
www.coastaltexasprogram.com
Item 10: Presentation and Update from the Technical Consultant on the development of the Regional Flood Plan
Technical Consultant Update

August 11, 2022
Agenda

• Updates on the Draft RFP
  • TWDB Review
  • Public Draft Plan Review

• Amending the First RFP
  • Overview of Tasks 11 - 13
  • Considerations for Task 12

• Update on Future Public Meeting to Receive Input in Draft RFP
Draft Regional Flood Plan

Posted to the San Jacinto RFPG website and available to the public.

Submitted to the TWDB on August 1\textsuperscript{st}.

Deemed Administratively Complete by the TWDB on August 8\textsuperscript{th}.
Submittal of the Draft Plan

In addition to volumes 1 & 2 of the Draft RFP, submittal also included:

- GIS Data; metadata
- Supporting figures
- Supporting map documents
- Supporting excel tables
- Packaged HH Models
- 2 printed copies
Submittal of the Draft Plan

In addition to volumes 1 & 2 of the Draft RFP, submittal also included:

- GIS Data; metadata
- Supporting figures
- Supporting map documents
- Supporting excel tables
- Packaged HH Models
- 2 printed copies

950 GB!
Input on the Draft RFP

- **8/1/22** Submittal to TWDB
- **9/27 - 9/29** Public Meeting to Receive Input on Draft RFP
- **30 days** Late October Receive TWDB Formal Comment
- **RFPG/Technical Consultant Review & Address Comments**
- **30 days**
- **December RFPG Meeting Approve Final RFP**
- **14 days**
- **1/10/23** Submittal to TWDB

**Timeline:**
- **8/1/22:** RFPG Approval
- **9/27 - 9/29:** Public Meeting to Receive Input on Draft RFP
- **30 days:** Late October Receive TWDB Formal Comment
- **December:** RFPG Meeting Approve Final RFP
- **1/10/23:** Submittal to TWDB
Call for Public Comment

• Spread the word:
  • Utilize Eblasts
  • Notice Public Meeting
  • Leverage RFPG contacts

• In Development:
  • Website Banner
  • Comment and response tracking matrix

Considerations:
• Maintain responsiveness; identify efficiencies in notifying receipt and timeline for formal response
• Provide RFPG visibility on Draft Plan comments and responses
• Ensure transparency on updates to the Draft Plan as a result of comments
Overview of Tasks 11 - 13

- Draft 2023 RFP Due: Aug 1, 2022
- Revise Draft 2023 RFP: Oct 3, 2022 - Dec 1, 2022
- Final 2023 RFP Due: Jan 10, 2023
- RFPG Approves Final 2023 RFP: Dec 8, 2022

- Task 11: Aug 1, 2022 - Jan 10, 2023
- Task 12: Aug 1, 2022 - Jul 14, 2023
- Task 13: Aug 1, 2022 - Jul 14, 2023

- Public Meeting (In-Person): Sep 27, 2022
- Public Meeting (Virtual): Sep 29, 2022

- Final 2023 Amended RFP Due: Jul 14, 2023
Overview of Tasks 11 - 13

Revisions to the Draft RFP only occur in response to comment.

Amendment occurs concurrent to Draft Plan Revisions.
Overview of Tasks 11 - 13

Task 11 – Outreach & Data Collection to Support Tasks 1 - 9

- Enhance Chapters 1 – 9
- Improve Data through additional data collection
- Expand Stakeholder Coordination and Representation in the Plan

Task 12 – Perform FMEs; Identify, Evaluate, and Recommend FMPs

- Perform FMEs in order to develop additional FMPs
- The RFPG must approve the list of FMEs to be performed under Task 12
- The RFPG must approve the additional FMPs to be identified, evaluated, and recommended

Task 13 – Preparation & Adoption of the Amended RFP

- Update and revise Chapters 1-10 based on effort under Task 12
Task 12: Perform FMEs for Additional FMPs

Objective:

- “Perform” identified FMEs to recommend additional FMPs
  - Evaluate flood risks in areas with limited data
  - Evaluate flood risk reduction solutions
  - Determination of Benefit Cost Ratios

Requirements:

- RFPG must approve list of FMEs to be performed and any additional FMPs to be evaluated and recommended
- Must adhere to Task 4B/5 requirements
- Revise and re-submit relevant data deliverables and RFP chapters
- Results/recommendations to be included in the Amended Regional Flood Plan (due 7/14/23)
Task 12: Perform FMEs for Additional FMPs

Recap of FMEs:
• FMEs evaluate, at a minimum, the 1% AEP storm event
• FMEs support the goals adopted by the RFPG
• Minimal overlap between FMEs and ongoing studies

Summary of FMEs included in RFP:
• 32% of FMEs only require a Benefit Cost Ratio (BCR) calculation
• 6% of FMEs require an update to Atlas 14 rainfall
• 29% of FMEs are categorized as “further study” of an area
• 26% of FMEs are large scale analyses (i.e., watershed studies, master drainage plans)

- 374 Recommended FMEs
- 91 Unique FME Sponsors
- $230M Total FME Cost
Task 12: Perform FMEs for Additional FMPs

TWDB Requirements for FMPs:

- FMPs demonstrate flood risk reduction in the 1% AEP storm event
- FMPs may not negatively impact neighboring areas
- FMPs that contribute to water supply may not result in an overallocation of a water source
- Overlap or redundancy in proposed FMPs should not occur
- Focus on FMPs with contributing drainage areas greater than 1 square mile

34 Recommended FMPs

$29.1B
Total FMP Cost
Need for a Prioritization Framework

Limited Budget ($375,000)

Limited Schedule

Significant number of FMEs to evaluate (374)

Wide array of sponsors; Need for a transparent process
Approach to Prioritization

Approach Selecting Prioritization Criteria based on *Desired Outcomes* of Task 12:

- Maximize number of FMPs
- Increase number of unique sponsors with FMPs recommended in the plan
- Maximize flood risk reduction
- Full coverage of FMP benefit area

The RFPG ultimately directs the work conducted under Task 12. The Technical Consultant team can help craft criteria to balance the desired outcomes of Task 12.
Task 12: Perform FMEs for Additional FMPs

Considerations for FME Selection Criteria:

- FME requiring only a Benefit/Cost Ratio (BCR) to be an FMP
- FME requiring an update to Atlas 14 rainfall with additional analysis of potential adverse impacts
- FME categorized as needing “Further Study”
- H&H models available as needed (e.g., analysis of potential adverse impacts)
- Overlap with other ongoing study efforts (e.g., GLO Combined River Basin Study)
- Structures and population at risk
- High risk and exposure at low water crossings
- Critical facilities at risk
- Level-of-effort (cost) to perform FME relative to available budget
- Sponsor concurrence
Item 11:
Update and recommendation(s) from the Public Engagement Committee; discussion, and possible action from the RFPG as it pertains to the location and strategies for the upcoming Public Outreach meetings and locations for the hard copy draft RFP
Public Outreach Update

• Two meetings
  • In-person – Tuesday, Sept. 27
  • Virtual – Thursday, Sept. 29

• Meeting Accommodations
  • Translation
  • Translated Meeting Notices/Materials
  • Social Pinpoint website
Open House Venue

Venue: White Oak Conference Center
Location: Aldine/Acres Homes
Address: 7603 Antoine Dr
          Houston, TX
          77088

Important Considerations: $100/hour
                         Accessible by Public Transit
                         Accommodates 200 people

*The following venues were contacted but were unavailable or too small to accommodate the meeting:
SHAPE Community Center, Hardy Community Center, Mangum-Howell Community Center, Leonel J. Castillo Center.
## Locations for the Draft RFP

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<th>Venue</th>
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<td>George and Cynthia Woods Mitchell Library</td>
<td>The Woodlands</td>
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<tr>
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<td>8125 Ashlane Way</td>
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<td>The Woodlands, TX 77382</td>
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<td>Rosenburg Library</td>
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<td>7405 Stella Link Road</td>
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<td>Houston, TX 77025</td>
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*Preference was given to locations with Wi-Fi access and access to view the online version of the Draft RFP as well as locations where the plan can be easily monitored by on site staff.*
Item 12:
Approval and Certification of Administrative Expenses incurred by the Project Sponsor for the development of Regional Flood Plan
Administrative Expenses Incurred by Project Sponsor from 2021 – YTD 2022

- Total contractor expenses capped at $60,000
- ~$22,000 left in the budget

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<th>FROM</th>
<th>TO</th>
<th>HOURS WORKED</th>
<th>TOTAL SALARY</th>
<th>SOCIAL SECURITY</th>
<th>GROUP INSURANCE</th>
<th>WORKERS COMPENSATION</th>
<th>UNEMPLOYMENT INSURANCE</th>
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# Administrative Expenses Incurred by Project Sponsor for 6/4/2022 – 7/15/2022

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Item 13:
Presentation of 2022 Planning Group Key Dates and Deadlines:
  a. Upcoming Planning Schedule Milestones
  b. Next RFPG Planning Meeting to be held on September 8, 2022
Item 14: Update and Discussion Pertaining to In-Person RFPG Meeting Location(s)
Item 15: Reminder Regarding Planning Group Member Training on Public Information Act and Open Meetings Act
Item 16: Consider Agenda Items for Next Meeting
Item 17: Public Comments – Limit 3 Minutes per Person
Item 18: Adjournment