Region 6 - San Jacinto Regional Flood Planning Group **December 8, 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 Meeting Minutes - November 10, 2022

Meeting Minutes

Region 6 San Jacinto Regional Flood Planning Group November 10, 2022 at 9:00 AM

Hybrid Meeting | Virtual Registration: https://bit.ly/3TCCesZ

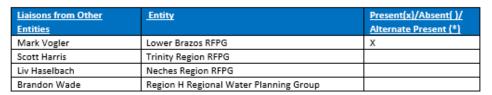
Houston Advanced Research Center: 8801 Gosling Rd., The Woodlands, TX 77381

Roll Call:

Voting Member	Interest Category	Present (x) /Absent () /
	(Executive Committee role)	Alternate Present (*)
Timothy E. Buscha	Industries (Chair)	
Alia Vinson	Water Districts (Vice Chair)	X (In-Person)
Erwin Burden	Counties (Secretary)	X (In-Person)
Gene Fisseler	Public (At-Large member)	Х
Matthew Barrett	River Authorities (At-Large member)	Х
Elisa Macia Donovan	Agricultural Interests	Х
Connie Pothier	Small Business	х
Paul E. Lock	Electric Generating Utilities	Х
Rachel Powers	Environmental Interests	Х
Stephen Costello	Municipalities	Х
Tina Petersen	Flood Districts	X (In-Person)
Todd Burrer	Water Utilities	Х
Brian Maxwell	Coastal Communities	X *Bob Kosar
Christina Quintero	Public	х
Neil Gaynor	Upper Watershed	X (In-Person)

Non-voting Member	Agency	Present(x)/Absent ()/
		Alternate Present (*)
Hope Zubek	Texas Parks and Wildlife Department	Х
Michelle Ellis	Texas Division of Emergency Management	*Tonya Clarke
Kristin Lambrecht	Texas Department of Agriculture	х
Joel Clark	Texas State Soil and Water Conservation Board	
Karla Freyre Stripling	Texas General Land Office	Х
Megan Ingram	Texas Water Development Board	х
Melinda Johnston	Texas Commission on Environmental Quality	
Justin Bower	Houston-Galveston Area Council	
Ellie Alkhoury	Texas Department of Transportation	*Alfred Garcia
Tom Heidt	Port Houston	
Michael Turco	Harris-Galveston Subsidence District	х
Brandon Wade	Region H Regional Water Planning Group	
Sally Bakko	Gulf Coast Protection District	
Eric Stevens	U.S. Army Corps of Engineers	

<u>Liaisons from RFPG</u>		Present(x)/Absent()/ Alternate Present (*)
Todd Burrer	Trinity Region RFPG	Х
Stephen Costello	Neches Region RFPG	Х
Michael Turco	Lower Brazos RFPG	Х



Technical Consultant Team	Entity	Present(x)/Absent()/
<u>Members</u>		Alternate Present (*)
Cory Stull	Freese and Nichols Inc.	x
Maggie Puckett	Freese and Nichols Inc.	х
Hayes McKibben	Freese and Nichols Inc.	
Andrew Moore	Halff, Associates	X (In-Person)
Jacob Torres	Torres & Associates	
Evan Adrian	Torres & Associates	Х
Rachel Herr	Halff, Associates	
Mariah Najmuddin	Hollaway Environmental + Communications	X (In-Person)

<u>Project Sponsor</u>	Entity	Present(x)/Absent()/ Alternate Present (*)
Fatima Berrios	Harris County Engineering Department	X (In-person)
Claudia Garcia	Harris County Engineering Department	X (In-person)

Quorum:

Quorum: Yes

Number of voting members or alternates that were present: 14 Number required for quorum per current voting membership of 15: 8

Attendees**:

In Person: Brian Edmondson (FNI)

Remote:

Caitlin Heller Ericka Reyes (FNI)
Christina Lindsay Gary Bezemek (HCFCD)

Cristian Ayala (Torres) Jake Hollingsworth

Danielle Goshen James Bronikowski (TWDB)

All meeting materials were available for the public at: <u>Meetings - San Jacinto Regional Flood Planning</u> (<u>sanjacintofloodplanning.orq</u>)

Peggy Zahlaer

Susan Chadwick

^{**}Meeting attendee names were gathered from those who entered information on the WebEx meeting registration.



AGENDA ITEM NO. 1: Call to Order

After a brief technical delay, Ms. Vinson called the meeting to order at 9:28 a.m.

AGENDA ITEM NO. 2: Welcome and Roll Call

Ms. Berrios took attendance. A quorum was determined to be present.

AGENDA ITEM NO. 3: Registered Public Comments on Agenda Items (Limit of 3 Minutes Per Person)

Ms. Vinson recognized two previously submitted written comments from the Clear Creek Watershed and Dickinson Bayou Watershed Steering Committees requesting the Lower Clear Creek and Dickinson Bayou Watershed Study (plus associated projects) to be included in the Regional Flood Plan and opened the floor for additional registered public comments. No further comments were heard.

AGENDA ITEM NO. 4: Texas Water Development Board Update

Ms. Vinson yielded the floor to Ms. Ingram for TWDB updates. Ms. Ingram reminded the group to provide feedback on the stakeholder survey by November 18, previously sent out by the TWDB and stated she would resend it to the RFPG.

AGENDA ITEM NO. 5: Approval of Meeting Minutes - October 13, 2022

Ms. Vinson opened the floor for comments on the October 13, 2022 meeting minutes and none were heard. Mr. Fisseler moved to approve the minutes and Mr. Burden seconded. Ms. Vinson called for a vote and stated the motion passed. Mr. Barrett abstained.

AGENDA ITEM NO. 6: Announcement of New Alternate Members and New Non-Voting Members Ms. Berrios stated there were no new announcements.

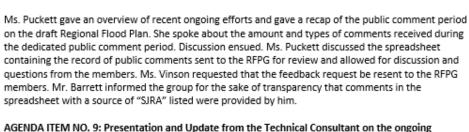
AGENDA ITEM NO. 7: Liaison Reports Pertaining to Other Region(s) Progress and Status and other Related Entities:

- a. Trinity Region Mr. Burrer stated that the Trinity Region will be holding a hybrid public meeting on November 17 at 10:00 a.m. to review its final plan.
- b. Neches Region Mr. Costello updated that the Neches Region was aligned with the Region 6 timeline working on Task 12.
- c. Lower Brazos Region Mr. Vogler stated there was no new update for the Lower Brazos Region.
- d. Region H Water Mr. Wade was unavailable to provide an update.
- e. Gulf Coast Protection District (GCPD) Ms. Bakko was unavailable to provide an update.

AGENDA ITEM NO. 8: Presentation and Update from the Technical Consultant on the development of the Regional Flood Plan; discussion, and possible action from the RFPG as it pertains to the prioritization framework for FMEs under Task 12 as well as responses to comments received on the draft Regional Flood Plan

Mr. Edmondson provided an overview of the latest draft Prioritization Ranking Framework. He updated the group about changes made since the last planning meeting.

Discussion ensued and a vote was called. Mr. Fisseler moved to approve the framework and authorize the Technical Consultant to proceed with executing FMEs in order of prioritization. Mr. Costello seconded. Further discussion ensued specifically noting that the list was not a static list. Ms. Vinson stated the motion passed.



AGENDA ITEM NO. 9: Presentation and Update from the Technical Consultant on the ongoing outreach activities; discussion and possible action from the RFPG as it pertains to ongoing efforts Ms. Najmuddin stated that there were no further required public engagement meetings; however, there was limited scope and budget for future public engagement. The Technical Consultants have been working on creating additional resources which are multilingual, such as a story map. Ms. Najmuddin gave an overview of the draft (GIS) story map. Discussion ensued.

Ms. Najmuddin requested additional ideas or tools from the members, the intent being to fill in the gaps of information and create educational materials to better tell the Region 6 Regional Flood Plan story.

AGENDA ITEM NO. 10: Approval and Certification of Administrative Expenses Incurred by The Project Sponsor for The Development of Regional Flood Plan

Ms. Vinson stated that the Chair, Mr. Buscha, reviewed and confirmed the Project Sponsor's administrative expenses. Mr. Costello moved to approve the administrative expenses and Mr. Fisseler seconded. A vote was taken and Ms. Vinson stated the motion was approved.

AGENDA ITEM NO. 11: Presentation of 2022 Planning Group Key Dates and Deadlines:

- a. Upcoming Planning Schedule Milestones
- b. Next SJRFPG Planning Meeting to be held on December 8, 2022

Ms. Vinson mentioned that during the December 8 meeting, the RFPG would be approving the final Regional Flood Plan for submission to the TWDB. Ms. Vinson also reminded the group about the amendment opportunity in July 2023.

AGENDA ITEM NO. 12: Update and Discussion Pertaining to In-Person RFPG Meeting Location(s) Ms. Vinson stated that discussions were taking place regarding a new meeting venue location. Ms. Vinson also mentioned that the first meeting of 2023 would be held in February.

AGENDA ITEM NO. 13: Reminder Regarding Planning Group Member Training on Public Information Act and Open Meetings Act

Ms. Vinson held a last call reminder for anyone who had not completed and/or submitted the completion certificates for the PIA/OMA trainings.

AGENDA ITEM NO. 14: Consider Agenda Items for Next Meeting

Ms. Vinson identified the following items for the next agenda:

- · To approve the final Regional Flood Plan
- To formally get concurrence on and approve the 2023 meeting schedule



AGENDA ITEM NO. 15: Public Comments – Limit 3 Minutes Per Person

Ms. Vinson opened the floor to public comments and no additional public comments were made at this time.

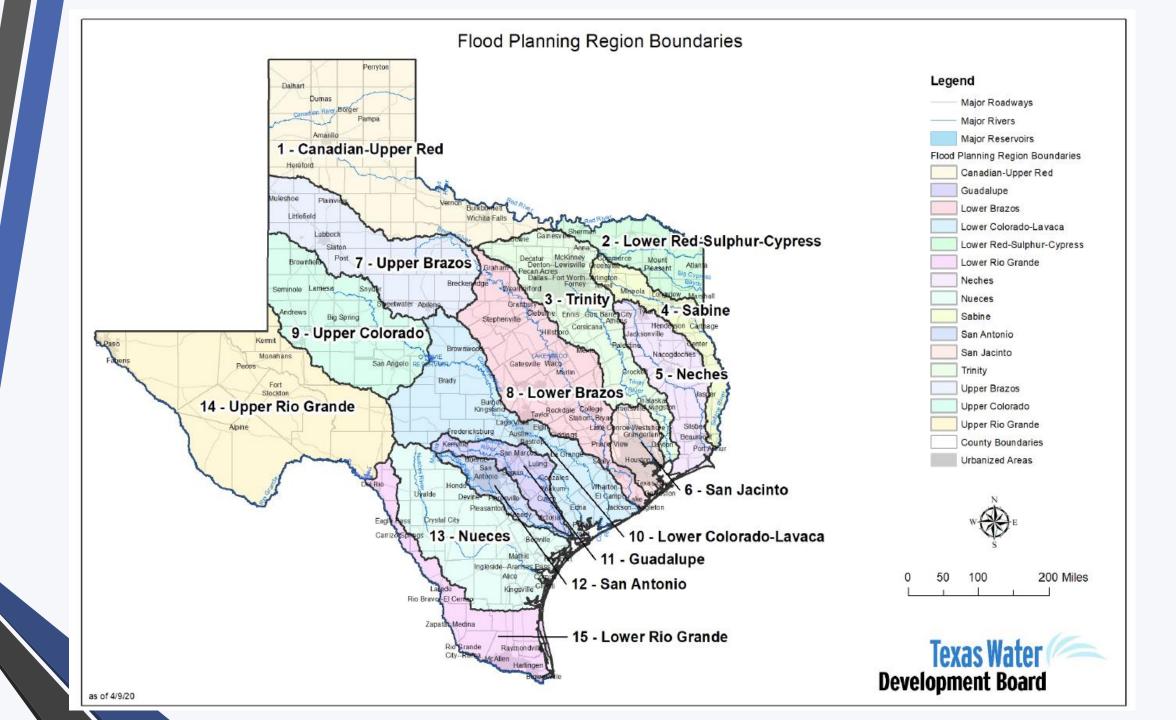
GENDA	ITEM	NO.	16: Ad	journment
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Ms. Vinson announced the meeting was adjourned at 10:31 a.m.

Erwin Burden, Secretary

Alia Vinson, Acting Chair

Item 6: Announcement of New Alternate Members and New Non-Voting Members



Item 7:

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 (GCPD)

Item 8:

Presentation and Update from the Technical Consultant on the development of the Regional Flood Plan; discussion, and possible action from the RFPG as it pertains to:

- a. The approval of formal responses to public comments received during the comment review period as well as TWDB comments
- b. The recommendation of flood mitigation projects in the final plan;
- c. The approval of the Final Regional Flood Plan due January 10, 2023, and authorization to submit the plan and required materials to the TWDB contingent upon incorporation of any necessary, non-substantive comments or changes; and
- d. The authorization for the Technical Consultant to submit written request to the TWDB to use Task 13 funds to consider and incorporate new data and actions submitted by sponsors for potential inclusion in the Amended Regional Flood Plan due July 14, 2023



Technical Consultant Update



Agenda



- Recommendation of New FMPs in the Final Plan
- Responses to Comments on the Draft Plan
 - Approval of formal responses to public comments received during the comment review period as well as TWDB comments
- Adoption of the Final Regional Flood Plan due January 10, 2023
- Amended Plan Update
 - Additional FMXs submitted by regional sponsors
 - Authorization to submit written request to TWDB to use Task 13 to incorporate new data and actions submitted by sponsors in the amended plan due July 14, 2023

Recommendation of New FMPs



City of Houston submitted a comment and additional data to support the elevation of FMEs currently recommended in the RFP to FMPs. Those projects are:

Project Name	FME ID	NEW FMP ID
City of Houston Kashmere Gardens Flood Mitigation	061000434	063000434
City of Houston Port Area Flood Mitigation	061000418	063000418
City of Houston Fifth Ward Area Flood Mitigation	061000417	063000417
City of Houston Sunnyside Area Flood Mitigation	061000468	063000468

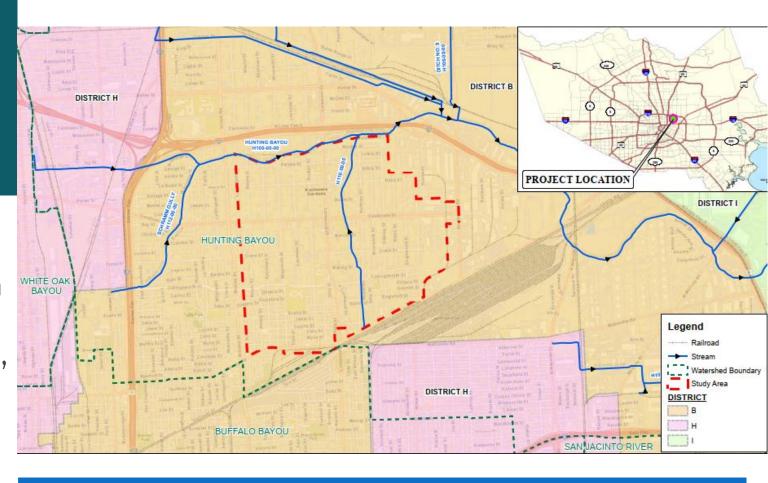
City of Houston Kashmere Gardens Flood Mitigation (063000434)

Project addresses excessive street ponding and structural flooding by proposing new storm sewer trunklines, a detention pond, regarding roadside ditches, culvert replacements, inlet replacements, and green stormwater infrastructure

Sponsor: City of Houston

Total Cost = \$94,879,859.00

BCR = 1.09



Benefit in the 100-year		
Population removed: 1,494		
Structures removed:	457	
Critical Facilities removed:	1	
Roadway removed:	O miles	

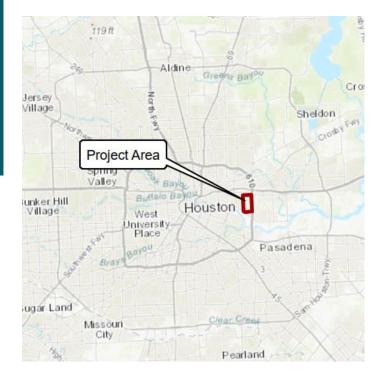
City of Houston Port Area Flood Mitigation (063000418)

Project addresses excessive ponding issues. Proposes storm sewer improvements on nearly all Pleasantville Neighborhood streets to improve conveyance.

Sponsor: City of Houston

Total Cost = \$99,021,350

BCR = 0.30





Benefit in the 100-year		
Population removed: 1,912		
Structures removed:	538	
Critical Facilities removed:	0	
Roadway removed: 2 miles		

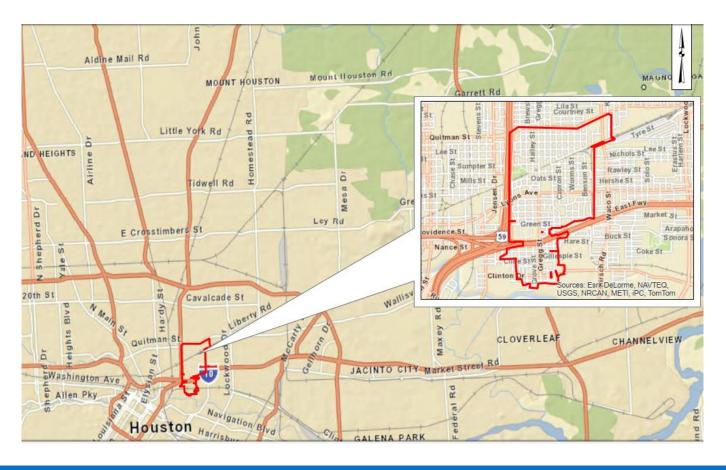
City of Houston Fifth Ward Area Flood Mitigation (063000417)

Project addresses extreme event sheet flow deficiencies by proposing improved storm sewer trunklines within the Fifth Ward Super Neighborhood.

Sponsor: City of Houston

Total Cost = \$89,753,487.00

BCR = 1.87



Benefit in the 100-year		
Population removed: 4,125		
Structures removed:	1,306	
Critical Facilities removed:	16	
Roadway removed:	16 miles	

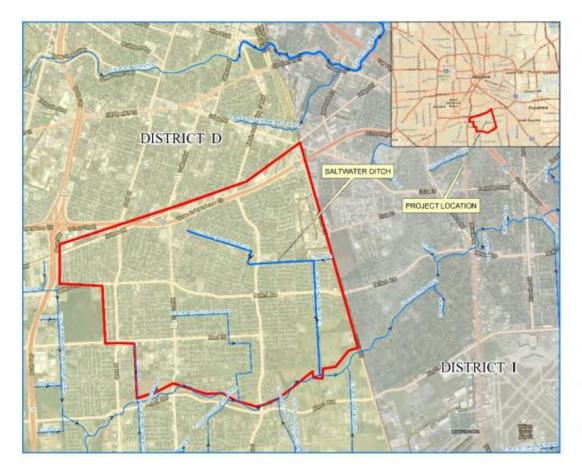
City of Houston Sunnyside Area Flood Mitigation (063000468)

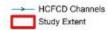
Project addresses excessive street ponding and structural flooding by proposing new storm sewer trunklines, detention ponds, inlet replacement, and green stormwater infrastructure.

Sponsor: City of Houston

Total Cost = \$111,251,647.00

BCR = 1.2





Benefit in the 100-year		
Population removed:	4,760	
Structures removed:	1,410	
Critical Facilities removed:	20	
Roadway removed:	9 miles	

Recommendation of New FMPs



Approve the recommendation of the listed FMPs in the Final Regional Flood Plan due January 10, 2023.

Project Name	NEW FMP ID
City of Houston Kashmere Gardens Flood Mitigation	063000434
City of Houston Port Area Flood Mitigation	063000418
City of Houston Fifth Ward Area Flood Mitigation	063000417
City of Houston Sunnyside Area Flood Mitigation	063000468

Comments Received on the Draft Plan



Facilitating Review of Comments
Materials Provided:

- 1. Static Excel Spreadsheet
- 2. File Transfer of Comment Submissions (RAW Data)

Feedback from RFPG requested by 11/18/2022

Coordination with TWDB on comment responses on 11/8/2022

Documentation in the Flood Plan

- Chapter 10 Section 10.F. documents the comments received during the public review period.
- Formal Response Letters were generated on behalf of the RFPG.
- Revisions to <u>Volume 1</u> are noted in track changes. Appendices that were revised are highlighted in <u>Volume 2</u>.
- TWDB comment responses documented in table.

Formal Response Letters





December 1, 2022

Sally Bakko, Director of Policy and Government Relations, San Jacinto RFPG Liaison City of Galveston, Gulf Coast Protection District 823 Rosenberg, Ste. 306 Galveston. Texas 77550

Re: SJRFPG Draft Regional Flood Plan - Sally Bakko Comments

Dear Sally Bakko.

The San Jacinto Regional Flood Planning Group (RFPG) has received and reviewed the comments issued on behalf of both the City of Galveston and the Gulf Coast Protection District on the Draft Regional Flood Plan for the San Jacinto region. The San Jacinto RFPG appreciates your thorough examination of the Draft Regional Flood Plan and thoughtful input in the public process associated with the development of the 2023 Regional Flood Plan

Comments regarding NFIP

Comments on the Community Rating System (CRS) have been noted. Although the CRS is not explicitly mentioned in Chapters 1 and 2, the RFPG has recognized the significance of the CRS in providing incentives to communities to implement higher flood management standards by reducing flood insurance rate premiums. As part of this first cycle, the RFPG has recommended participation in the National Flood Insurance Program (NFIP) as a minimum standard and have encouraged regulatory entities to participate in the CRS. These recommended minimum standards are documented in Chapter 3.

Comments regarding Economic Importance of Region 6

Comments submitted regarding the importance of industries and infrastructure within the San Jacinto region to the national and global economy have been noted. Chapter 2 Section 2.A.2.e. describes analysis of expected loss of function of infrastructure and Section 2.A.3.b. specifically speaks to the flood risk to the Houston Ship Channel, petrochemical production, and critical supply chains.

Comments regarding Sea Level Change Hazard

Comments submitted emphasizing the growing flood hazard threat sea level change inflicts on coastal communities has been noted. The manner in which sea level change was incorporated into the future flood hazard analysis is described in Chapter 2 Section 2.B.1 The RFPG will continue to update future flood hazard analyses in subsequent flood planning cycles and have the opportunity to consider newly available data.

Comments on Chapter 8

Comments submitted on Chapter 8 regarding the need to strike a balance between incorporation of nature-based solutions and overall flood control benefit provided by recommended mitigation actions within the plan has been noted by the RFPG.

Tim Buscha Chairman Industries

> Alia Vinson Vice Chairman Water Districts

Erwin Burder Secretary

Gene Fisseler
Executive Committee

Matthew Barrett Executive Committee River Authorities

Elisa Donovan Agricultural Interests

Connie Bothier Small Business

Paul Lock
Electric Generating Utilities

Rachel Powers
Environmental Interests

Stephen Costello

Todd Burrer Water Utilities

Brian Maxwell Coastal Communities

Christina Quintero

Neil Gaynor Upper Watershea

Tina Peterson Flood Districts

Megan Ingram TWDB Liaison

- Formal Letters have been generated
- Will be documented in Chapter 10 and included in submittal to the TWDB
- Will be distributed via email directly to individual comment submitters

RFPG to approve responses to comments as documented in the meeting materials and authorize the Technical Consultant to distribute responses to those individuals who submitted comments.

Final Regional Flood Plan



Substantive Changes to Content:

- Revisions to Chapter 1 to better reflect existing infrastructure/projects
- Revise approach to represent flood exposure per TWDB guidance
- 21 FMEs no longer recommended
- 4 Additional FMPs

"The San Jacinto Regional Flood Planning Group adopts the Final 2023 Region 6 Flood Plan and authorizes the Technical Consultant to submit the plan and required materials to the TWDB contingent upon incorporation of any necessary, non-substantive comments or changes"

Amended Plan – Task 13



TWDB written approval is required to utilize Task 13 funds to incorporate new FMXs. In order to incorporate:

- The significant volume of new FMXs that have been submitted by sponsors since submittal of the draft plan; and
- FMPs that sponsors have elected to use their own resources to elevate from FMEs;
 and
- To allow more time for sponsors to collect/submit data for inclusion in the amended plan

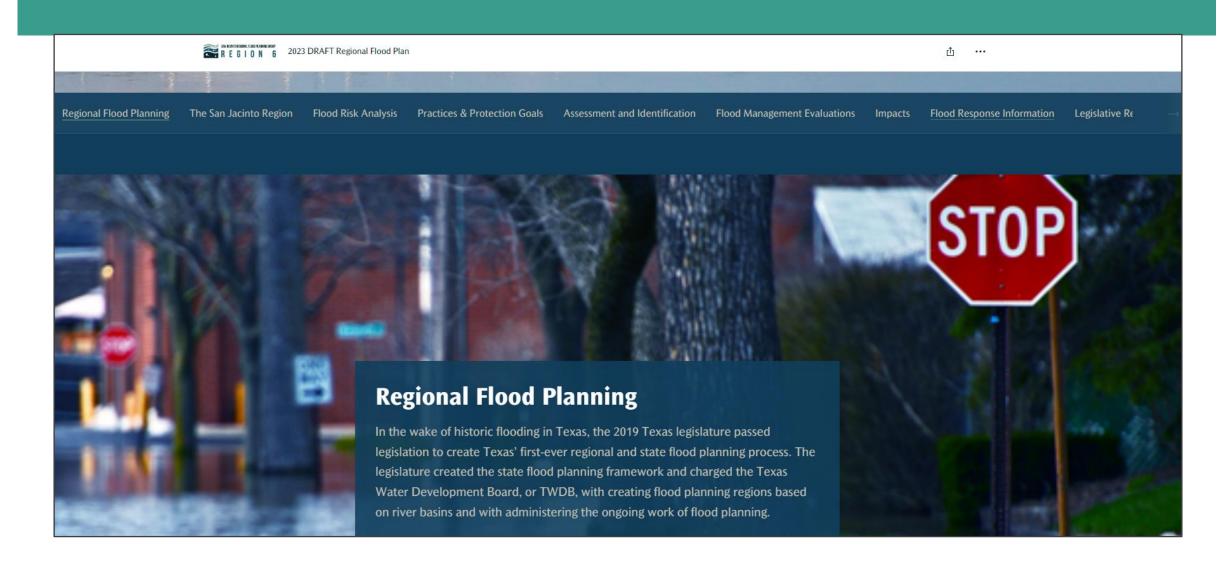
The RFPG authorizes the Technical Consultant to submit written request to the TWDB to use Task 13 funds to consider and incorporate new data and actions submitted by sponsors for potential inclusion in the Amended Regional Flood Plan due July 14, 2023.

Item 9:

Presentation and Update from the Technical Consultant on the ongoing outreach activities; discussion and possible action from the RFPG as it pertains to ongoing efforts



First Cycle Story Map Demo



Item 10:

Approval and Certification of Administrative Expenses incurred by the Project Sponsor for the development of Regional Flood Plan

Administrative Expenses Incurred by Project Sponsor deferred to: February 9, 2023, SJRFPG Planning Meeting

Item 11:

Presentation of 2023 Planning Group Key Dates and Deadlines; possible action from the RFPG as it pertains to the 2023 meeting schedule:

- a. Upcoming Planning Schedule Milestones
- b. Next SJRFPG Planning Meeting to be held on February 9, 2023
- c. Next potential meeting dates: April 13, 2023 & June 8, 2023

Item 12: Update and Discussion Pertaining to In-Person RFPG Meeting Location(s)

Item 13: Consider Agenda Items for Next Meeting

Item 14: Public Comments – Limit 3 Minutes per Person

Item 15: Adjournment