

Lower Colorado-Lavaca
**REGIONAL FLOOD
PLANNING GROUP**

REGION 10

December 16, 2021

Region 10 Lower Colorado-Lavaca RFPG

- 1. Call to Order**
- 2. Welcome**
- 3. Approval of minutes from the previous meeting**

Region 10 Lower Colorado-Lavaca Flood Planning Group Meeting
 November 15, 2021
 9:30 AM
 Hybrid Meeting

Roll call:

Voting Member	Interest Category	Present (x) /Absent () Alternate Present (*)
Terry Been	Agricultural interests	X
Phillip Spenrath	Counties	X
Jason Ludwig	Electric generating utilities	X
Kirby Brown	Environmental interests	X
G. Nicholas "Nick" Textor	Flood districts	X
Brandon Klenzendorf	Industries	X
Matt Hollon	Municipalities	X
Frances Acuña	Public	X
Patrick Brzozowski	River authorities	X
Kelly Payne	River authorities	X
Ann Yakimovicz	Small business	X Left @ 10:50am (Item 10)
Kacey Cubine Paul	Water districts	X
Hank Smith	Water utilities	Joined @ 10:06am (Item 9)

Non-voting Member	Agency	Present(x)/Absent()/ Alternate Present (*)
Charles "CW" Schneider	Texas Commission on Environmental Quality	X
Lauren Mayes	Texas Department of Agriculture	X
James Guin	Texas Division of Emergency Management	X
Shonda Mace	Texas General Land Office	X
Beth Bendik	Texas Parks and Wildlife Department	X
Allen Nash	Texas State Soil and Water Conservation Board	X
Tressa Olsen	Texas Water Development Board	X
Mark Vogler	Region 8 – Lower Brazos Liaison	* Brian Fambrough
Chuck Brown	Region 9 – Upper Colorado Liaison	X
Ronald G. Fieseler	Region 11 – Guadalupe Liaison	
Cara Tackett	Region 12 – San Antonio Liaison	

Quorum:

Quorum: **Yes**

Number of voting members or alternates representing voting members present: **12 at start of meeting**

Number required for quorum per current voting membership of 13: **7**

Other Meeting Attendees: **

James Bronikowski - TWDB
 Ryke Moore – TWDB
 Matt Nelson - TWDB
 Cindy Englehardt – Halff Associates, Inc.
 Matt Bucchin – Halff Associates, Inc.

Mike Personett – Halff Associates, Inc.
 Jay Scanlon - Freese
 Cris Parker – HDR, Inc.
 Karen Ford – WaterPR
 Lauren Graber – LCRA

Annette Keaveny – LCRA
Marcin Tyszka – LCRA
Mayor Anthony Groves; Brady, TX
Lisa McCracken Mairs, USACE

Nick Kincaid
Meiko Mahi
S Rockwood
Jeff Haeber

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

All meeting materials are available for the public at:
www.lowercoloradolavacafood.org/meetings

Agenda:

1. Call to Order

Chair Phillip Spenrath called the meeting to order at 9:30 AM CST. A roll call of the planning group members was taken to record attendance and a quorum was established prior to calling the meeting to order.

2. Welcome

Chair Phillip Spenrath welcomed members and other attendees to the meeting.

3. Approval of minutes from the previous meeting

The draft meeting minutes were reviewed and one correction was made to change “State Flood Plan” to “Regional Flood Plan” in Item 5: TWDB update. Kirby Brown moved to approve the minutes with the proposed correction, seconded by Kelly Payne. The motion passed by a vote of 12-0.

4. Public comments– limit 3 minutes per person

Chair Phillip Spenrath called for public comments.

No comments were given from those present. Lauren Graber noted that two written public comments were received since the last meeting and were distributed to Planning Group members.

5. TWDB Update

Tressa Olsen from the Texas Water Development Board (TWDB) noted that Morgan White was away on maternity leave and to please direct all questions to Tressa Olsen.

She also noted that TWDB hosted a contract amendment webinar for RFPG chairs, sponsors, and technical consultants.

She noted that deliverables associated with Tasks 2a and 2b are due with the second technical memo on March 7, 2022.

6. Update from RFPG liaisons

No updates given.

7. Update from the Planning Group Sponsor

a. Discussion regarding draft amended Regional Flood Planning Grant contract scope of work and budget

Lauren Graber reminded the group that in the last meeting the RFPG authorized the sponsor to amend the grant contract with TWDB and subcontract with the technical consultant to incorporate additional funding and tasks. She outlined the three new tasks associated with the new funding and said that the sponsor and technical consultant recommend that the \$793,800 available to Region 10 be apportioned as follows:

- \$150,000 for Task 11: Outreach and data collection to support tasks 1-9.
- \$328,800 for Task 12: Perform identified Flood Management Evaluations, identify, evaluate, and recommend additional Flood Management Projects.
- \$315,000 for Task 13: Preparation and adoption of the Amended Regional Flood Plan, of which \$15,000 would be for the sponsor's administrative costs for additional RFPG meetings and staff support.

The contract amendment is currently drafted and under LCRA legal review.

8. Discussion of RFPG roles and responsibilities

Chair Spenrath reviewed the role of the RFPG to clarify this group's role is to develop a plan that could be implemented by a local entity. As such, it does not have the authority or funding to fund or implement actual flood projects.

Project implementation is the domain of local governments. Members of the public who wish to report flood risks should contact their local officials.

The Regional Flood Plan will identify projects but local sponsor will thereafter need to take responsibility for finding and providing funding.

9. Technical Consultant presentations and discussions related to regional flood planning

Mike Personett, Cindy Englehardt, and Matt Bucchin (all Halff Associates, Inc.) and Karen Ford (WaterPR), provided updates, briefings, and discussion on the following:

- a. Project status
- b. Public and stakeholder engagement strategies update
- c. Task 4C – Review draft Technical Memorandum
- d. Look-ahead – December and January RFPG meetings

Planning Group members commented on large scale of project lists; the need for local communities to confer with the technical consultants to ensure all info on lists; the need to ensure good coverage of rural areas; holding outdoor meetings with community members; need to find a local sponsor; and the possibility to consider beneficial projects that do not strictly meet TWDB's no-adverse-impact standard.

10. Discussion and potential action to approve draft flood mitigation and floodplain management goals

Mike Personett and Matt Bucchin gave an update on flood mitigation and floodplain management goals and called for RFPG member comments.

Matt Hollon proposed an amendment to goal 4.5 to change "future land use plan and development regulations" to "future land use plan or development regulations" and

moved to approve the goals with this wording change. The motion was seconded by Kelly Payne and passed by a vote of 13-0.

11. Discussion and potential action to approve the process to be used by the RFPG to identify and select FMEs, FMSs, and FMPs

Cris Parker (HDR) presented a proposed process for selecting FMEs, FMSs, and FMPs for the Regional Plan members' consideration.

Kelly Payne moved to support the proposal and Kirby Brown seconded. The motion passed on a vote of 12-0.

12. Public comments – limit 3 minutes per person

Chair Phillip Spenrath called for public comments.

Mieko Mahi expressed appreciation for the work of the RFPG, e.g., the floodplain quilt and detailed lists of projects. She recommended that contact names for persons involved in these projects be included for follow-up inquiries.

13. Consider date and agenda items for next meeting

Chair Phillip Spenrath opened discussion to consider the date and agenda items for the next meeting.

Chair Spenrath proposed that the next meeting agenda include review of preliminary Task 4A results. He asked that voting members be present or arrange an alternate for purposes of a vote on this item. Chair Spenrath also proposed that the next meeting agenda include an item to consider a subcommittee to develop recommendations on FMEs, FMSs, and FMPs.

After general discussion, Chair Phillip Spenrath concluded that the next meeting will be held on Thursday, December 16, 2021, 9:30AM and that the January meeting will be held Thursday, January 20, 2022, 9:30AM.

14. Adjourn

Kelly Payne made a motion to adjourn, seconded by Kirby Brown. The motion passed 12-0 and the meeting adjourned at 11:00 AM CST by Chair Phillip Spenrath.

*Approved by the Lower Colorado-Lavaca RFPG at a meeting held on **DATE**.*

Matt Hollon, SECRETARY

Phillip Spenrath, CHAIR

Region 10 Lower Colorado-Lavaca RFPG

- 4. Public comments – limit 3 minutes per person**
- 5. TWDB Update**
- 6. Update from RFPG liaisons**

Region 10 Lower Colorado-Lavaca RFPG

7. Update from the Planning Group Sponsor

8. Technical Consultant presentations and discussions related to regional flood planning

a. Project status

b. Look-ahead – January through July 2022 RFPG meetings



LOWER COLORADO – LAVACA
REGIONAL FLOOD PLAN
A TEXAS INITIATIVE

REGIONAL FLOOD PLANNING GROUP MEETING | DECEMBER 16, 2021

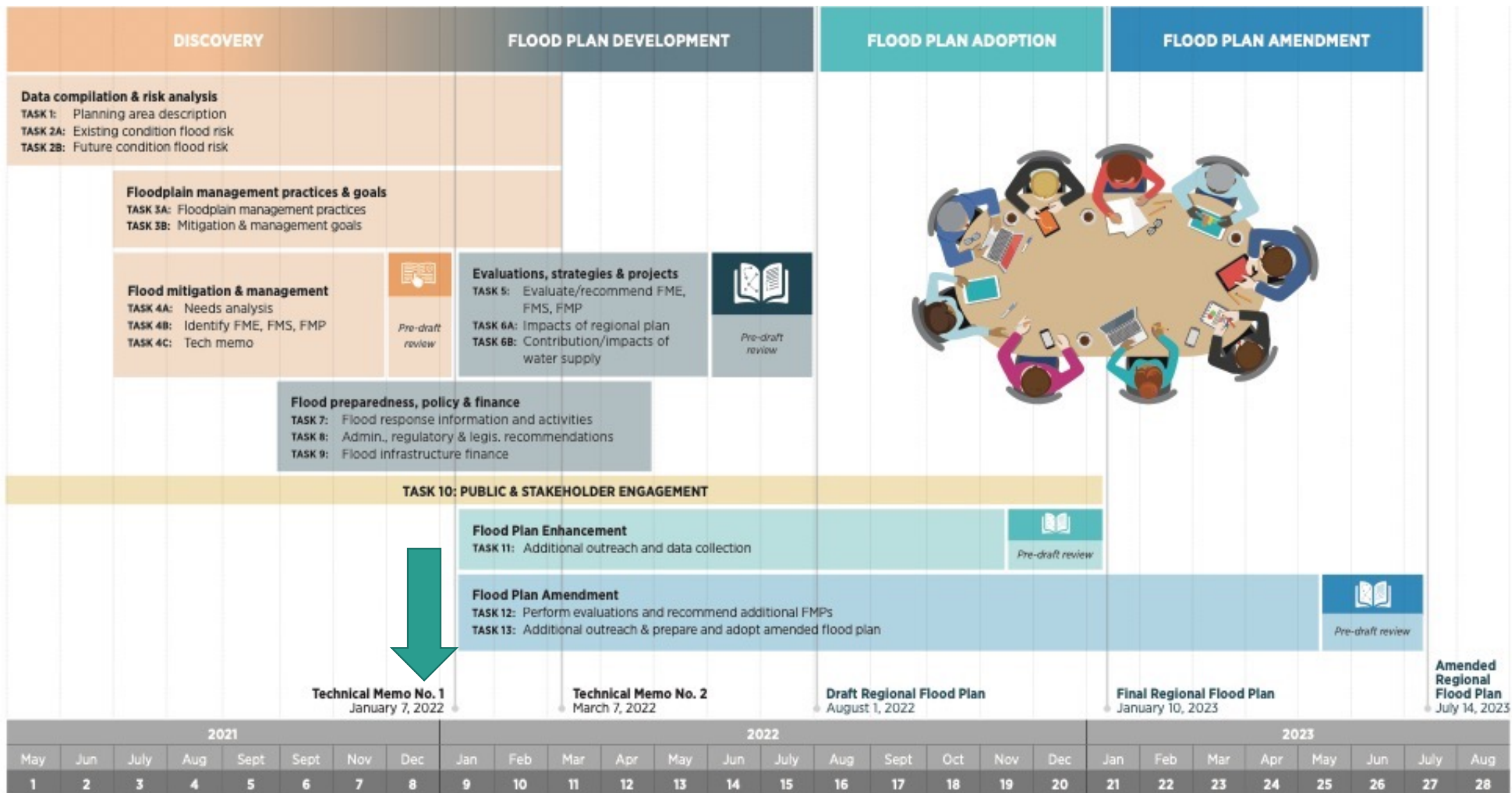


AGENDA

Project Status

- Review Workflow Chart - REVISED
- Public and Stakeholder Engagement
- Task 2A/B – Existing and Future Conditions
- Task 4A – Flood Mitigation Needs
- Task 4B – Identification and Evaluation of Potential Studies, Strategies and Projects
- Task 4C – Agenda Item No 9 for PFPG approval to submit Technical Memorandum No. 1

Look-ahead Calendar



PUBLIC OUTREACH AND ENGAGEMENT

Karen Ford – WaterPR



Ongoing Strategies to Reach Audiences

Email Blasts to Community & Public Stakeholders (453)

- December Meeting
- Technical Memorandum No. 1
- Schedule and progress update

Website

- Update documents for Public Review page + comments

Media

- Press Release re Process, Public Comment, Dec Meeting (12/6)
- Social media posts: news, meeting



NEXT MEETING
Thursday
Dec. 16, 2021
9:30am to Noon

Lower Colorado-Lavaca
**REGIONAL FLOOD
PLANNING GROUP**
REGION 10

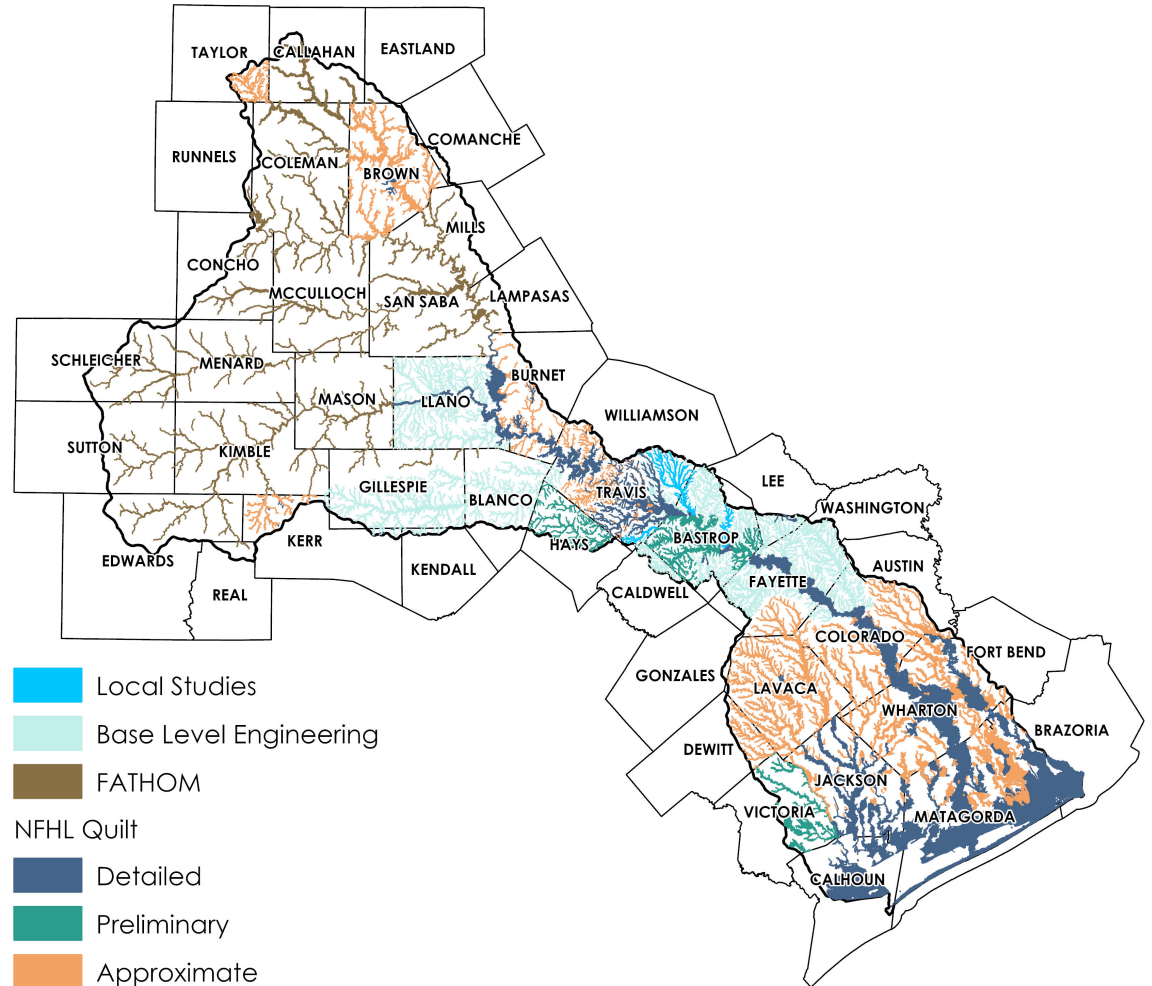
HYBRID
MEETING | Agenda & Link at:
LowerColoradoLavacaFlood.org

TASK 2A/B – EXISTING AND FUTURE CONDITION FLOOD RISK

Status and Outlook

Preliminary Floodplain Quilt

- Existing Conditions Flood Risk
 - Incorporated Fathom, replaced FAFDS
 - Incorporated Local Studies
- Potential Future Condition Flood Risk
 - Continued population growth
 - Continued development increase
 - Current floodplain management regulations/policy
 - Anticipated climate change
 - Anticipated land changes
 - Completion of flood mitigation projects by 2050

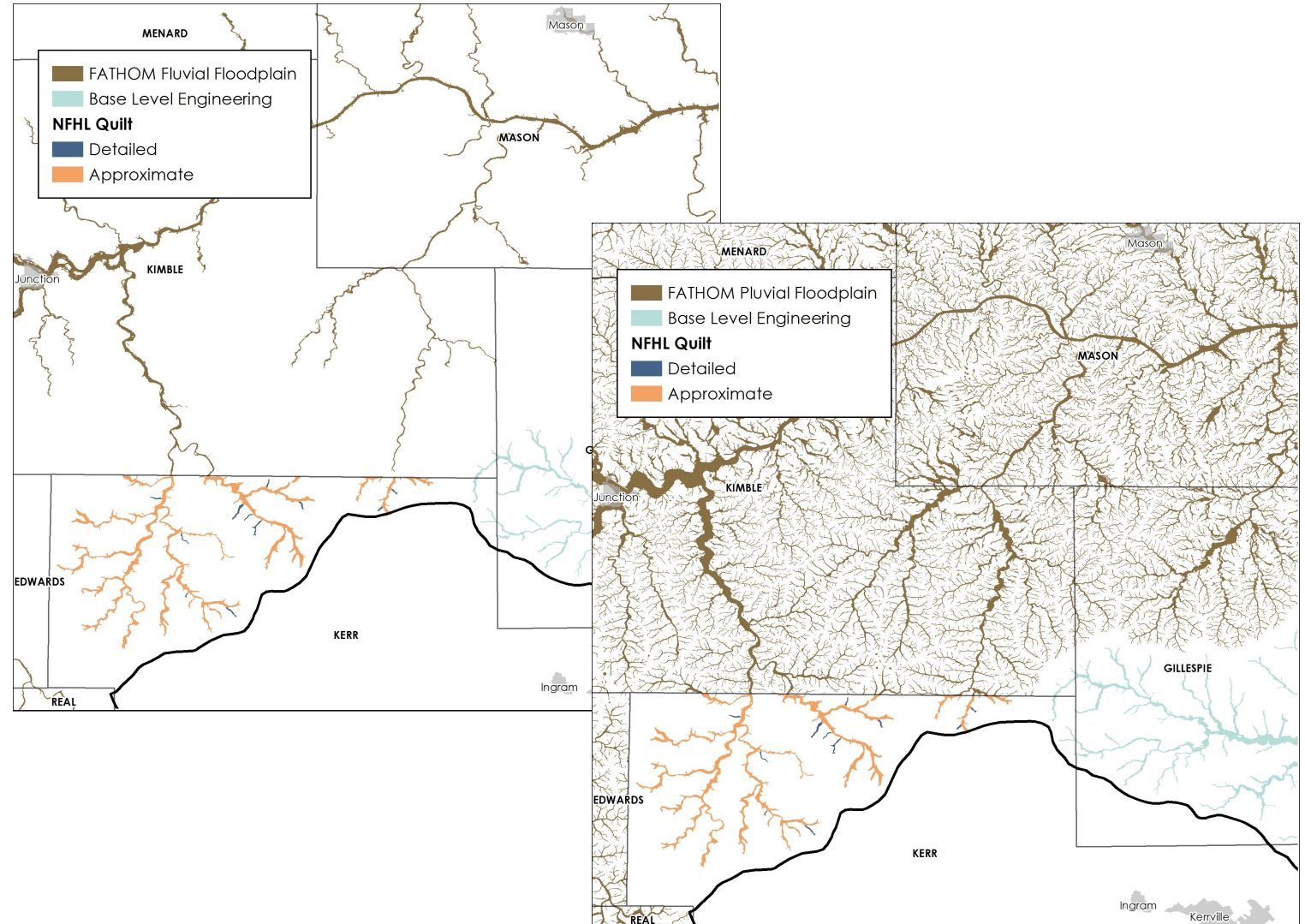


TASK 2A/B – EXISTING AND FUTURE CONDITION FLOOD RISK

Status and Outlook

Anticipated Schedule

- January RFPG meeting
 - Draft existing and future condition flood risk
- February RFPG meeting
 - Request RFPG approval to include results in Technical Memorandum No. 2
 - Due to TWDB by March 7, 2022

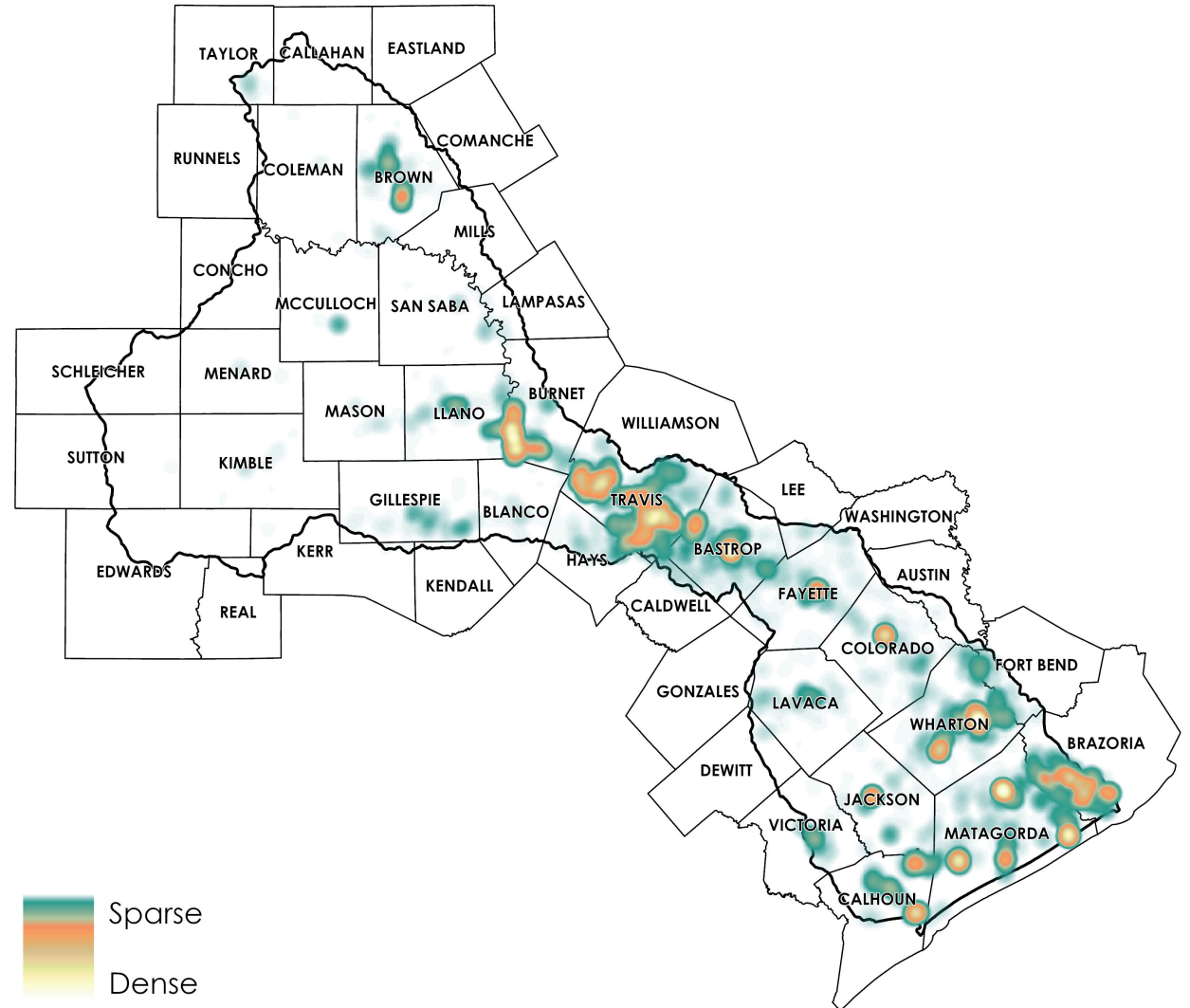


TASK 4A – FLOOD MITIGATION NEEDS ANALYSIS

Status and Outlook

Preliminary Greatest Risk and Need

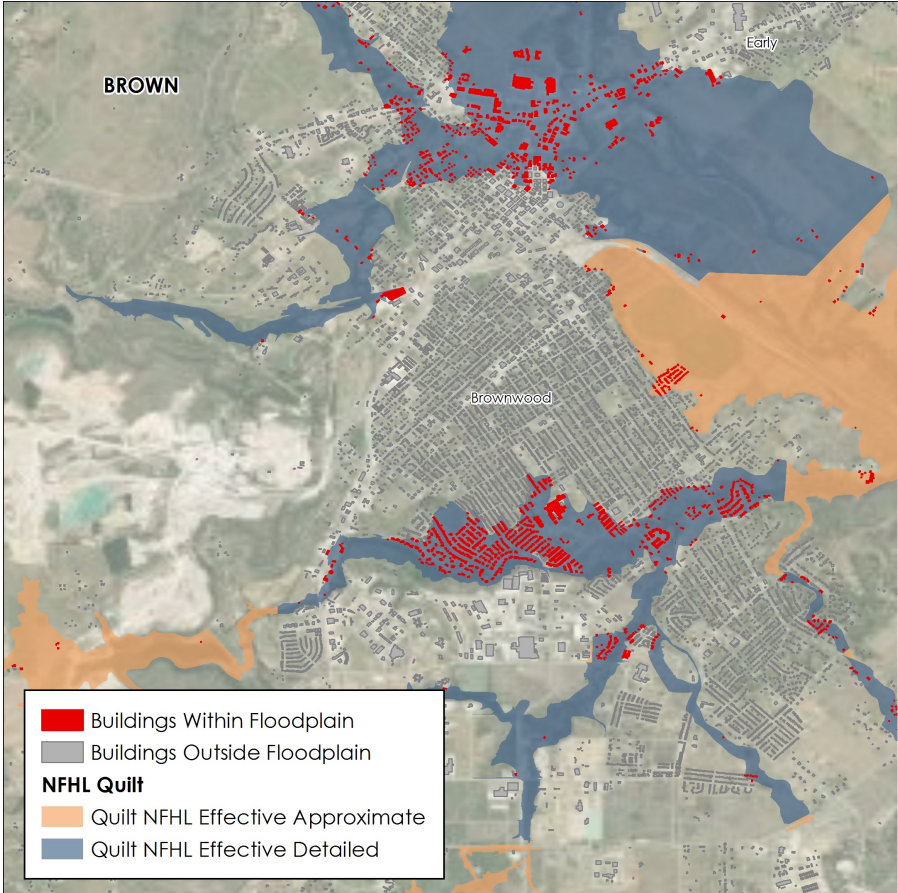
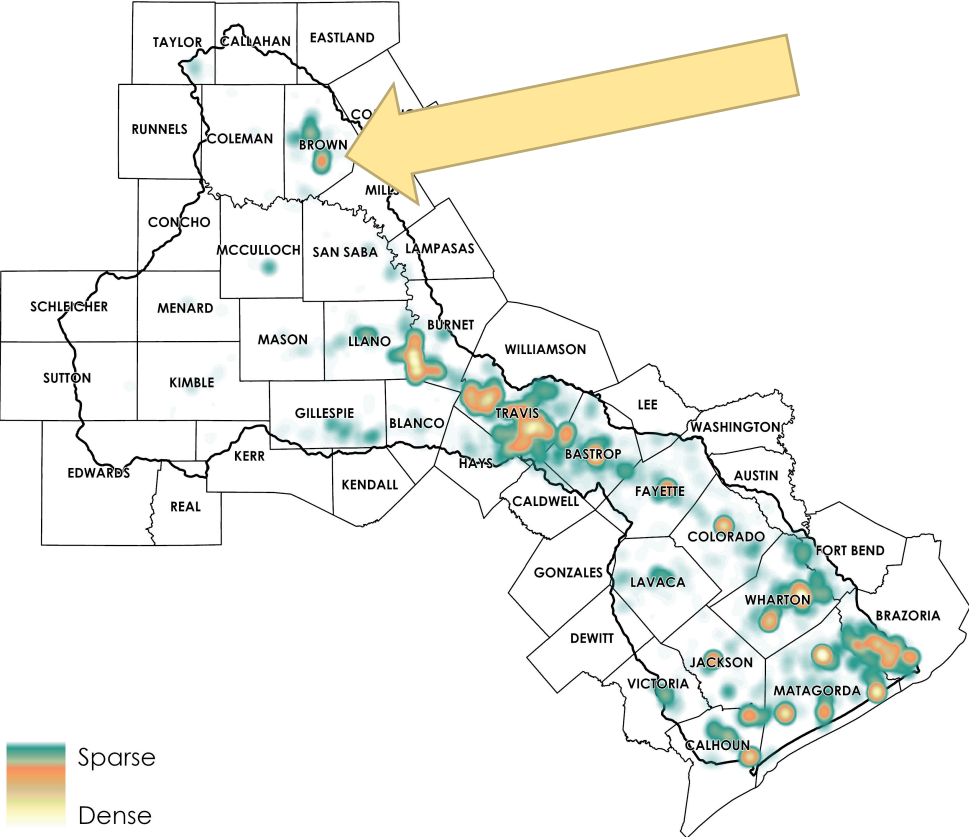
- Exposure – What is at Risk?
 - Infrastructure Hotspots
 - Land Cover Types
- Vulnerability – Who is at Risk?
 - Populations
- What is the Impact?
 - Critical Infrastructure
 - Resilience Factors



TASK 4A – FLOOD MITIGATION NEEDS ANALYSIS

Sample Hotspot Areas

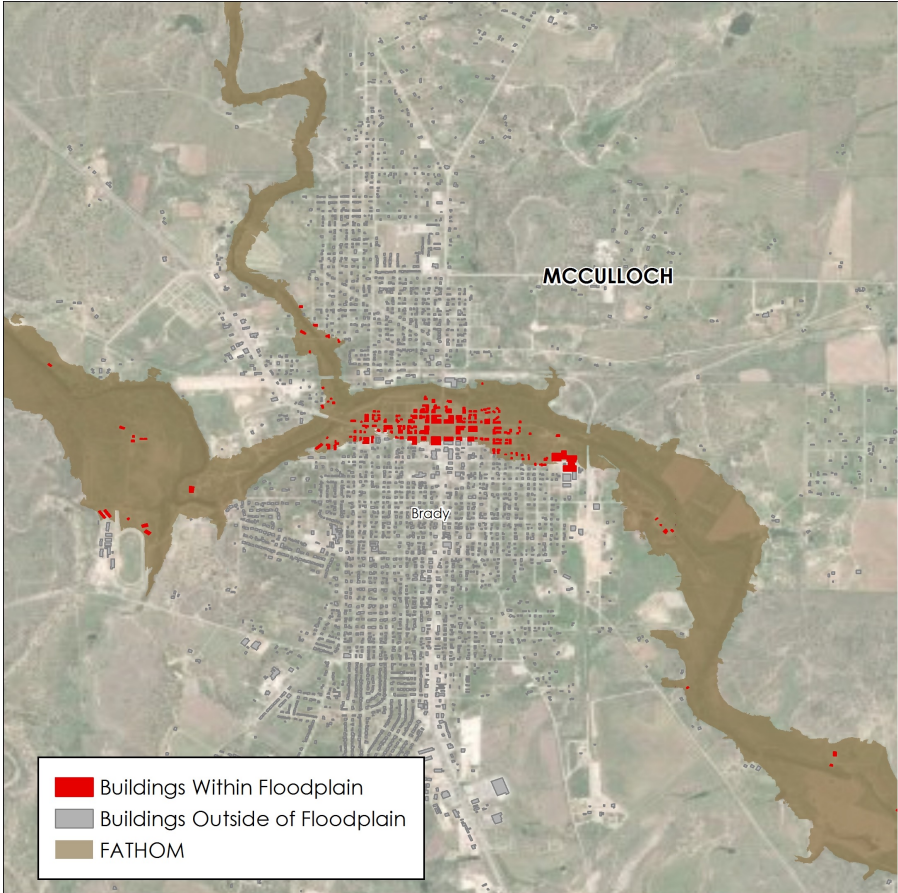
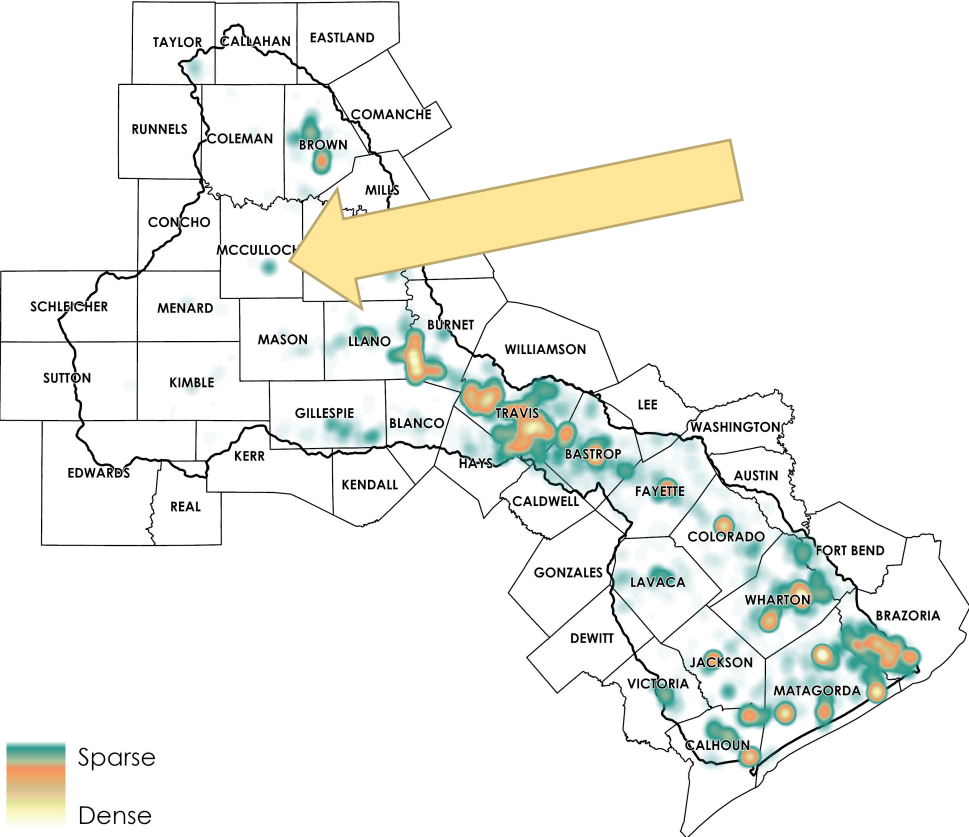
Brown County / City of Brownwood



TASK 4A – FLOOD MITIGATION NEEDS ANALYSIS

Sample Hotspot Areas

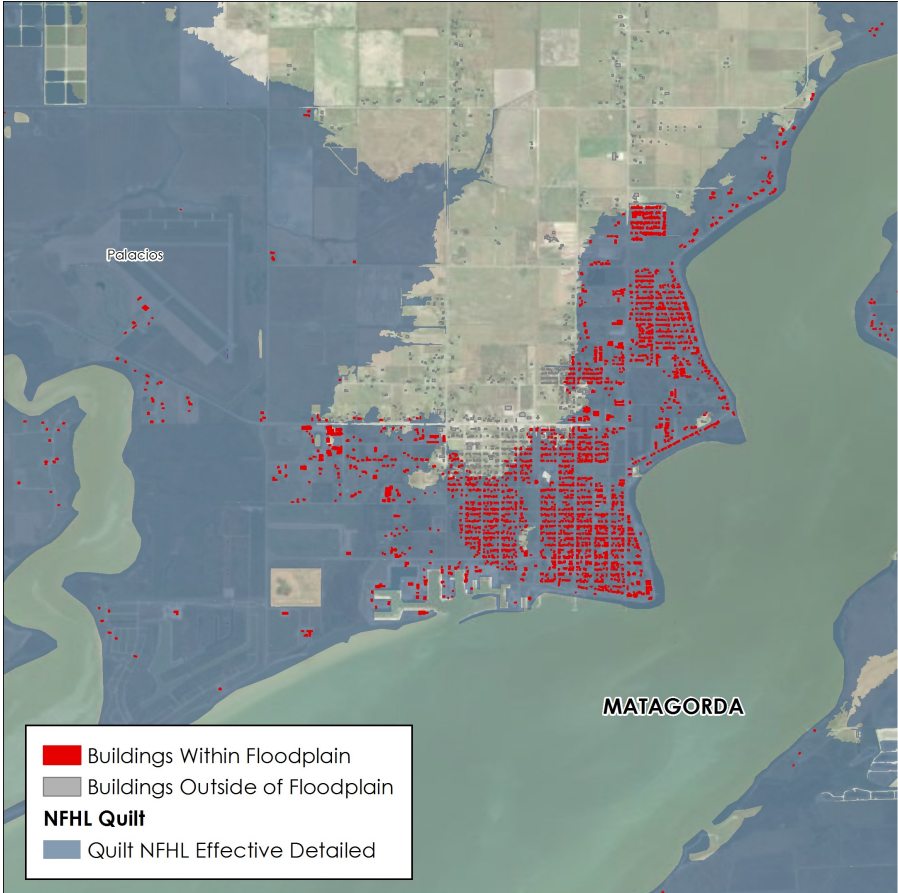
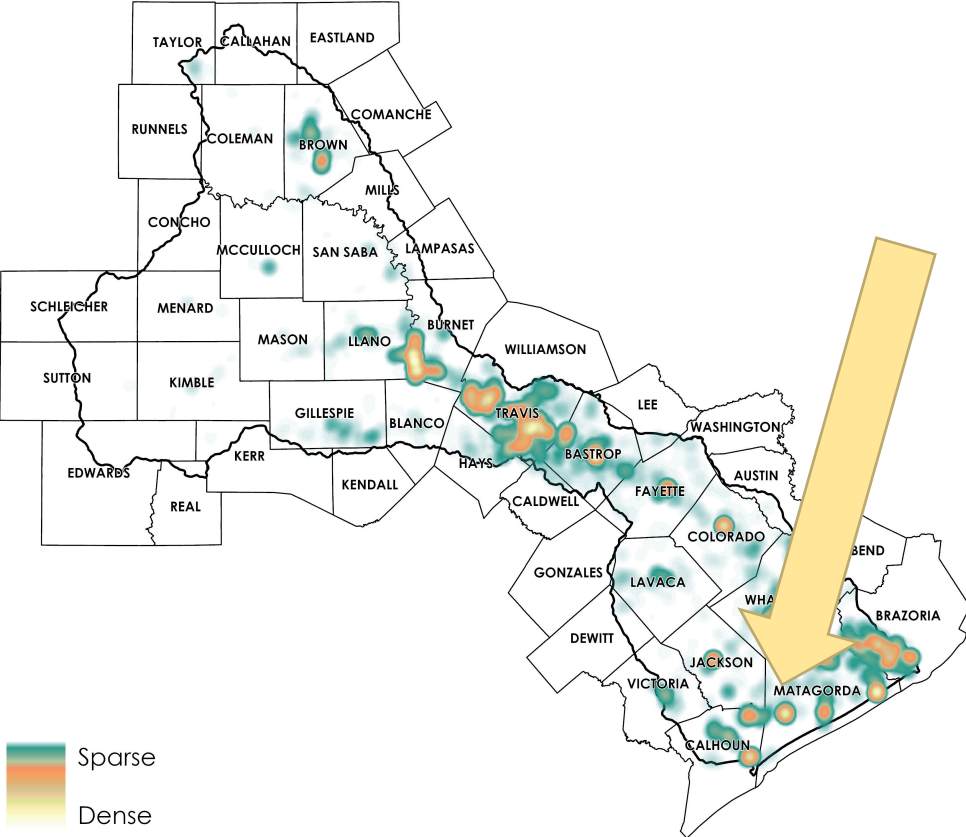
McCulloch County / City of Brady



TASK 4A – FLOOD MITIGATION NEEDS ANALYSIS

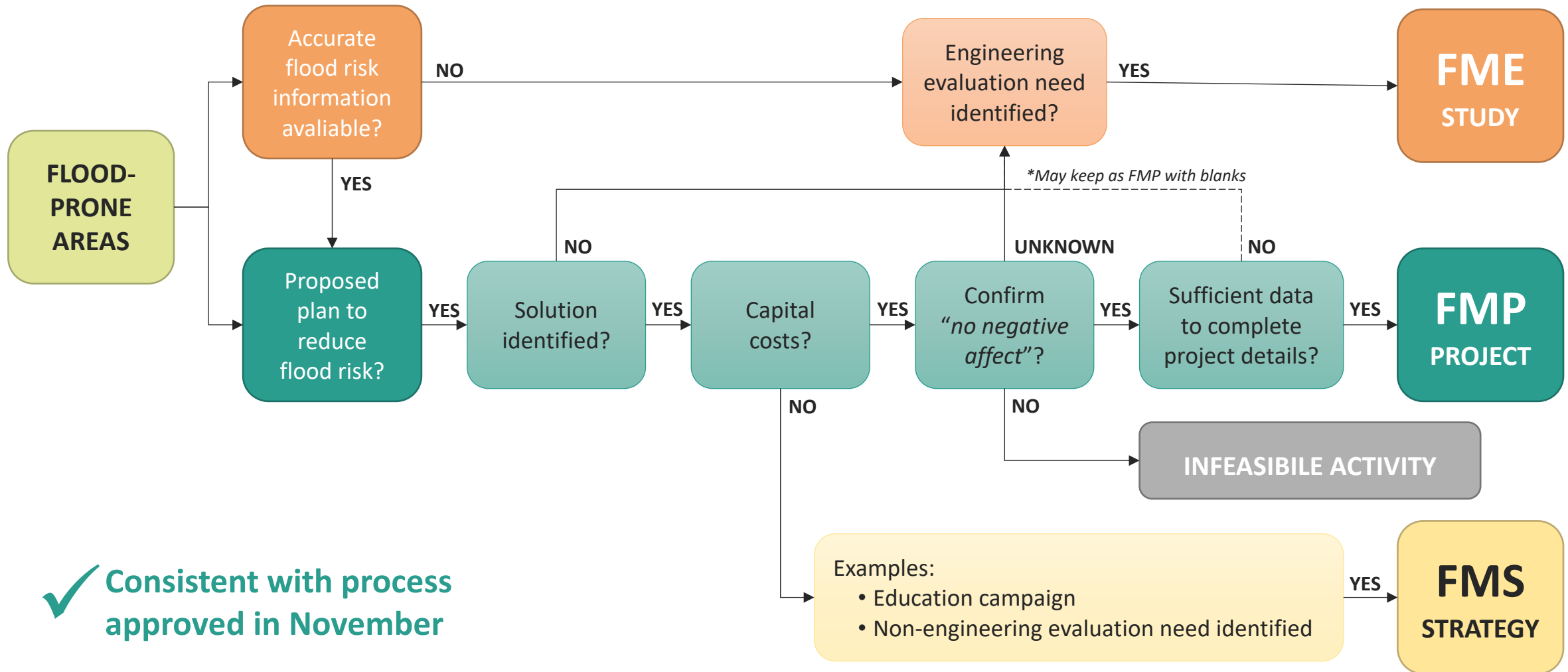
Sample Hotspot Areas

Matagorda County / City of Palacios



TASK 4B – POTENTIAL FMEs, FMSs AND FMPs

New FME, FMP, FMS Flow Chart TWDB, December 8, 2021



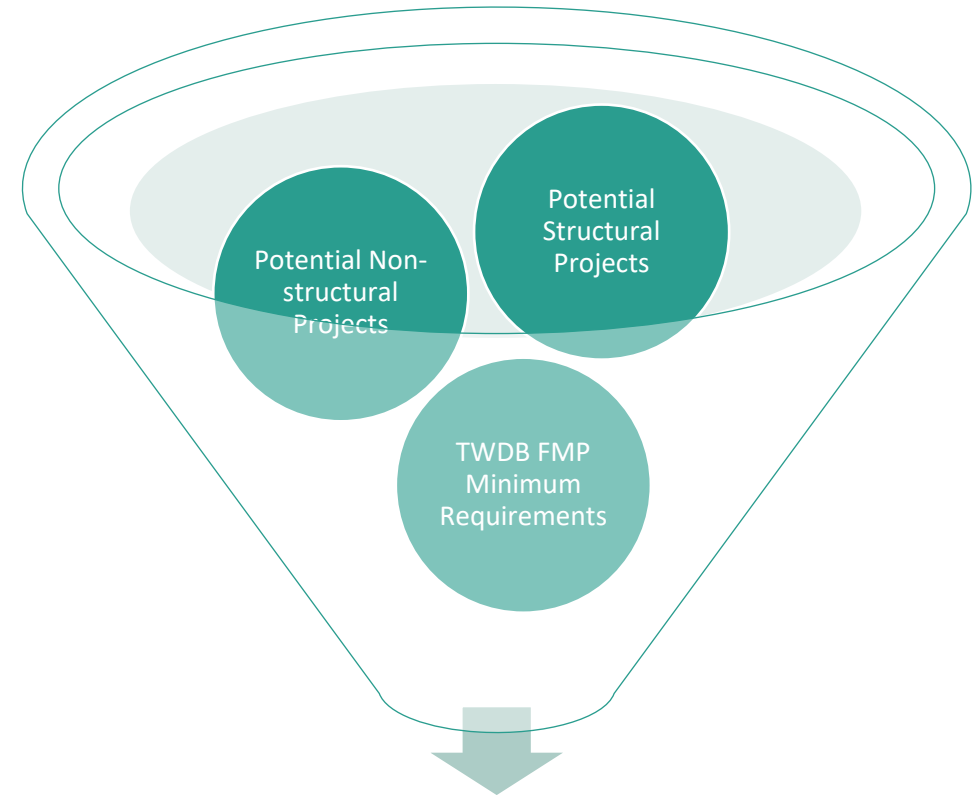
✓ Consistent with process approved in November

TASK 4B – POTENTIAL FMEs, FMSs AND FMPs

Status and Outlook

Minimum Screening Requirements

- Contributing drainage area > 1 square mile, *except*:
 - Critical facilities or transportation routes
 - Other reasons determined by RFPG (level of risk, size...)
- Based on H&H modeling that meets TWDB guidelines
 - NOAA Atlas 14 rainfall data
- Meets No Negative Impact requirement
- Mitigates 1% annual chance event (100-year) flood
- Meets emergency need
- Flood risk reduction benefits quantified
- Adequate estimated capital cost data



FMPs for Task 5 Analysis

- Cost/Benefit Ratios
- Other Impacts/Benefits
- Residual Risk
- Implementation Issues

TASK 4B – POTENTIAL FMEs, FMSs AND FMPs

Overview

290

FLOOD MANAGEMENT STRATEGIES (FMSs)

- Infrastructure Project Planning
- Property/Easement Acquisition
- Elevation of Structures
- Education and Outreach
- Flood Warning and Measurement
- Regulatory and Guidance

265

INFEASIBLE

Do not meet minimum screening requirements

173

FLOOD MANAGEMENT EVALUATIONS (FMEs)

Studies

Risk Reduction Analysis

Flood Preparedness Study

Modeling and Mapping / Risk Identification

Alternatives Analysis / Feasibility Assessment

Preliminary Engineering (30% design)

109

FLOOD MITIGATION PROJECTS (FMPs)

Structural Infrastructure

Non-Structural

Advanced Analysis / Design / Construction (30 - 100% design)

Project Implementation

- Property/Easement Acquisition
- Elevation of Structures
- Floodproofing
- Flood Readiness and Resilience
- Flood Warning, Gauges
- Regulatory Requirements

TASK 4C – TECHNICAL MEMORANDUM #2

Content and Schedule

Status Overview Text

- Summary of Activities November 2021 – January 2022
 - Public Outreach and Engagement and Tasks 1, 2, 3, 4 and 8
- Introductory Text for Technical Memorandum No. 2 Deliverables

Task 4C Attachments (Items 1c-e)

- Tables, Maps, and Geospatial Database
 - Existing and Future Condition Flood Risk
 - Flood Mapping Gaps
 - Hydrologic and Hydraulic Model Availability

DRAFT MEMO #2
January 2022

DUE TO TWDB
March 7, 2022



Look-Ahead

2022 RFPG MEETINGS – THROUGH JULY 2022

January

- Present draft Task 2A/B existing and future condition flood risk
- Present draft Task 4A locations of greatest flood risk and flood mitigation needs
- Review results of Task 4B identification and evaluation of potential STUDIES, STRATEGIES and PROJECTS
- Present and discuss “look ahead” for submittal of draft Regional Flood Plan (due August 1, 2022)

February

- Approve draft Task 2A/B existing and future condition flood risk
- Approve draft Task 4A locations of greatest flood risk and flood mitigation needs
- Approve Technical Memorandum No. 2 for submittal to TWDB (due March 7, 2022)

March

- Present and discuss Task 5 preliminary recommendations of potential STUDIES, STRATEGIES and PROJECTS
- Present and discuss Task 12 recommendation of STUDIES (FMEs) to receive additional analysis

2022 RFPG MEETINGS – THROUGH JULY 2022

April

- Present and discuss Task 5 preliminary recommendations of potential STUDIES, STRATEGIES and PROJECTS
- Present and discuss preliminary recommendations of Task 3B goals performance measures, Task 8 flood management and mitigation policies and Task 9 flood infrastructure finance

May

- Present and discuss Task 5 preliminary recommendations of potential STUDIES, STRATEGIES and PROJECTS
- Present and discuss preliminary recommendations of Task 3B goals, Task 8 flood management and mitigation policies, Task 9 flood infrastructure finance, and Task 6A impacts of Regional Flood Plan

June

- Approve recommendations
- Present and review preliminary draft initial Regional Flood Plan

July

- Approve draft initial Regional Flood Plan
- Discuss next steps of Regional Flood Plan adoption and Regional Flood Plan amendment



Wrap Up

Region 10 Lower Colorado-Lavaca RFPG

- 9. Discussion and potential action to approve submittal of Technical Memorandum No. 1 to the Texas Water Development Board on or before January 7, 2022**

Region 10 Lower Colorado-Lavaca RFPG

- 10. Discussion and potential action to establish a Technical Committee to assist with the development of recommendations regarding Flood Management Evaluations, Flood Management Strategies, and Flood Management Projects**
 - a. Discussion and potential action to establish committee and associated committee composition, terms, roles, and responsibilities
 - b. Nominations, discussion, and possible action to elect committee members

PROPOSED TECHNICAL COMMITTEE RESPONSIBILITIES

Purpose

- Support and streamline RFPG decision-making process
- Work with Technical Consultants to develop, present and discuss preliminary recommendations re: studies (FMEs), strategies (FMS) and projects (FMP) for consideration by the full RFPG

Scope

- Guidance and feedback re: Tasks 4 & 5 evaluations and recommendations of studies, strategies and projects
- Recommendations re: Tasks 7, 8 and 9 to be developed by the full RFPG
- Meetings:
 - In accordance with Open Meetings Act requirements
 - Propose first meeting in January to organize committee, review Task 5 process, status and outlook for analyses
 - Subsequent meetings to be determined

Region 10 Lower Colorado-Lavaca RFPG

11. Public comments– limit 3 minutes per person

12. Consider date and agenda items for next meeting

13. Adjourn