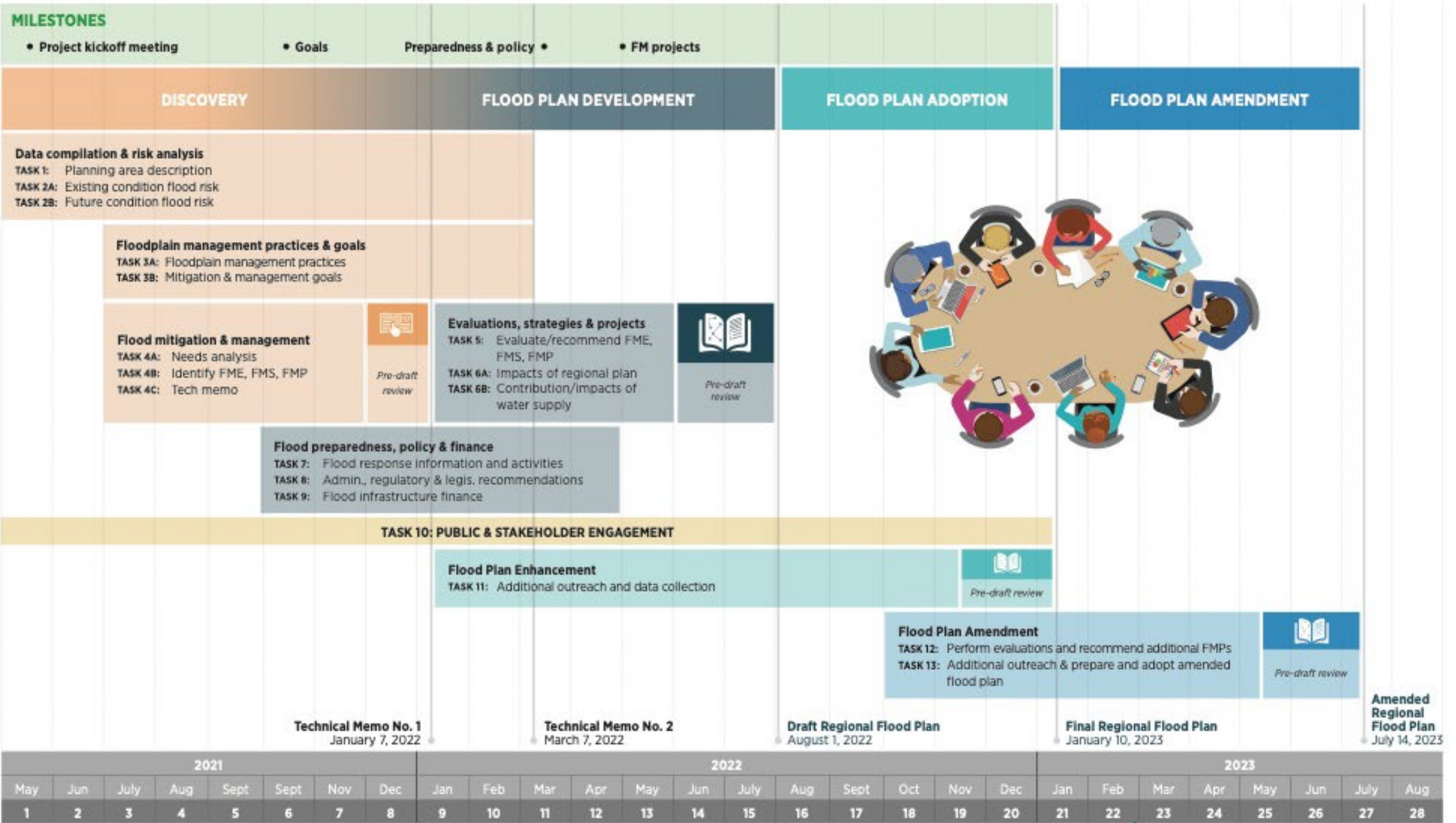




LOWER COLORADO – LAVACA
REGIONAL FLOOD PLAN
A TEXAS INITIATIVE

**WORKPLAN FOR AMENDMENT OF THE INITIAL
REGIONAL FLOOD PLAN | MARCH 6, 2023**







Task 12

Perform Identified Flood Management Evaluations

Identify, Evaluate, and Recommend Additional Flood
Mitigation Projects

TASK 12 – PERFORM FMEs FOR ADDITIONAL FMPs

TWDB Requirements

Objective:

- “Perform” identified FMEs to recommended additional FMPs

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)

Process:

- Technical consultants identified and screened potential FMEs for study
- RFPG approved seven (7) FMEs for study on September 15, 2022
- Results to be considered as potential amendments to the adopted RFP

TASK 12 – PERFORM FMEs FOR ADDITIONAL FMPs

Advancing FME to FMP Studies

FME ID Number	FME Title	County	Sponsor	Estimated Study Cost	Technical Lead
101000043	Edison & Creek Street	Gillespie	Fredericksburg	\$49,000	FNI
101000035 (FMP)	Creek Street at Barons Creek	Gillespie	Fredericksburg	\$60,000	FNI
101000116 & 101000165	Whitman Branch Bypass; Oak Ridge Dr Creek, including Detention	Burnet	Marble Falls	\$89,000	HDR
101000167	Broadway Street at Whitman Branch Low Water Crossing	Burnet	Marble Falls	\$62,000	HDR
101000027	FM 812 at Little Alum Creek	Bastrop	Bastrop Co.	\$86,000	Halff
101000102	Piney Creek Benching	Bastrop	Bastrop Co.	\$88,000	Halff
101000189	Wastewater Treatment Plant Floodproofing	Jackson	Edna	\$66,000	HDR
Totals				\$500,000	

TASK 12 – PERFORM FMEs FOR ADDITIONAL FMPs

Advancing FME to FMP Studies

Scope of Work for Selected FMEs:

- Data Collection / Site visits
- Update hydrologic and hydraulic modeling (e.g., Atlas 14 rainfall, LiDAR)
- Update alternatives analysis and/or preliminary design of improvements
- Analyze flood risk reduction benefits
- Verify no adverse impacts
- Develop/update cost estimates
- Conduct cost-benefit analysis
- Evaluate potential constraints (environmental, utility conflicts, right-of-way needs, and constructability)
- Prepare documentation of RFPG action and for inclusion in Amended Regional Flood Plan
- Incorporate Technical Committee and RFPG approved amendments



Task 13

Preparation and Adoption of the Amended Regional Flood Plan

TASK 13 – PREPARATION AND ADOPTION OF AMENDED PLAN

TWDB Requirements

RFPGs must submit an AMENDED REGIONAL FLOOD PLAN in accordance with the requirements in the CONTRACT which incorporates the data and information gathered and generated under Task 12, including but not limited to work to:

1. Revise planning area description, if applicable, to include new information from FMEs performed in accordance with the requirements in Task 1.
2. Revise existing and/or future condition flood risk analyses, if applicable, to include new information from FMEs performed in accordance with the requirements in Tasks 2A and 2B.
3. Revise flood mitigation and floodplain management goals, if applicable, in accordance with the requirements in Task 3B.
4. Revise the flood mitigation needs analysis, if applicable, based on new information from FMEs performed in accordance with the requirements in Task 4A.
5. Evaluate and include information relating to impacts of the additional recommended FMPs on the plan and on water supply in accordance with the requirements in Tasks 6A and 6B.
6. Evaluate and include information relating to the flood infrastructure financing of the additional recommended FMPs in accordance with the requirements in Task 9.
7. Hold additional RFPG meetings, conduct outreach and data collection to support Task 12, revise and adopt an AMENDED REGIONAL FLOOD PLAN, and other administrative activities in accordance with the requirements in Task 10.

The RFPG may also request to use the funding under this task to enhance the AMENDED REGIONAL FLOOD PLAN, primarily based on new information, unrelated to the data and information gathered and generated under Task 12, upon email or written approval from TWDB.

TASK 13 – PREPARATION AND ADOPTION OF AMENDED PLAN

Proposed Approach

Stakeholder Outreach

- Requested new or additional information including requests to add, revise, or remove FMXs
- Outreach primarily via email and website
- Technical Consultants will follow-up and assist as needed

Incorporate Task 12 FME to FMP Studies

- Revise FME and FMP summaries, as appropriate

Consider Other Amendments and Enhancements to the Adopted Plan

- Potential additions, reclassifications, and deletions of recommended FMXs
- Incorporate revisions to the RFP to reflect FMX amendments
 - Executive Summary, Chapters 5, 6, and 9
- Consider amendments to other parts of the adopted RFP

RFPG and Technical Committee Meetings to Consider RFP Amendments

TASK 13 – PREPARATION AND ADOPTION OF AMENDED PLAN

Possible additional activities for Amended Regional Flood Plan

Action Number	Type	Action Name	Sponsor	County	Technical Lead
TBD	TBD	City of Bastrop Drainage Master Plan	City of Bastrop	Bastrop	Halff
TBD	FME	Burnet County Zone A Modeling and Mapping	Burnet County	Burnet	Halff
TBD	FME	Burnet County Lower Water Crossings	Burnet County	Burnet	Halff
TBD	FME	City of Needville Fairchild Creek Drainage Mitigation Study	Needville	Fort Bend	HDR
TBD	FME	City of Needville #15	Needville	Fort Bend	HDR
TBD	FME	City of Hays Drainage Study	Hays	Hays	Halff
TBD	FME	City of Hays Little Bear Creek Recharge Area Study	Hays	Hays	Halff
TBD	FME	Feasibility of Lowering Spillway of Dam on Cummins Creek	Lee County	Lee	Halff
TBD	FME	Waller Creek – Guadalupe Storm Drain Improvements	City of Austin	Travis	FNI
TBD	FMP	Dalton Lane Improvements	City of Austin	Travis	FNI
TBD	TBD	City of Pflugerville Drainage Master Plan	City of Pflugerville	Travis	Halff
TBD	FMP	Lower Peach Creek Channel Widening and Regional Detention	Wharton County	Wharton	FNI
TBD	FMP	Pecan Valley Phase 2 Diversion Channel	Wharton County	Wharton	FNI
TBD	FMP	El Lobo Neighborhood Levee/Channel Project	Wharton County	Wharton	FNI
TBD	FMP	Boling Drainage Improvements Phase 2	Wharton County	Wharton	FNI
TBD	FMP	County Road 111 Diversion Channel	Wharton County	Wharton	FNI
TBD	FMP	East Bernard Levee	Wharton County	Wharton	FNI
TBD	FMP	Caney Creek Regional Detention	Wharton County	Wharton	FNI

Note: Inclusion of new activities is dependent upon sponsor provided information.



Look-Ahead

SCHEDULE TO AMENDED REGIONAL FLOOD PLAN

Proposed Approach

