

REGION



Lower Brazos
Regional Flood Planning Group

Thursday, December 18, 2025

10:00 AM

Brazos River Authority, Lt. Gen. Phillip J. Ford Central Office

4600 Cobbs Dr., Waco, TX 76710



- 1. Call Meeting to Order and Attendance**
- 2. Public Input - comments on agenda items or flood planning issues
(limited to 3 minutes each)**
- 3. Consent Agenda**
 - 3.1. Approval of Minutes for the November 20, 2025, meeting**
 - 3.2. Approval and Certification of the Finance Report Expenditures**

Expenses Through 11/30/2025

Meeting Minutes

REGION 8 - LOWER BRAZOS REGIONAL FLOOD PLANNING GROUP

Brazos River Authority, Lt. Gen. Phillip J. Ford Central Office,
4600 Cobbs Dr. Waco, TX 76710

10:00 a.m. – Thursday, November 20, 2025

Meeting agenda, materials, and audio recordings are available online at www.lowerbrazosflood.org

1. Call Meeting to Order and Attendance

Alysha Girard presided over the meeting in Waco, TX. Ms. Girard called the meeting to order at 10:00 am.

| | | | |
|---|---|---|---|
| Anthony Beach Alternate Lee Lingenfelter | P | Alysha Girard | P |
| Bruce Bodson | A | Matt Phillips | P |
| Sujeeth Draksharam | P | Kristina Ramirez | P |
| Tim Finley | P | Jonathan Steiber | P |
| Russell Ford | P | Mark Vogler | P |
| Charlotte Gilpin | P | Brandon Wade Alternate Virginia Migl | P |

Quorum Present: Yes. A quorum is 7 of 12 voting members.

2. Public Input - Public comments on agenda items or flood planning issues (limited to 3 minutes each)

Alysha Girard opened the floor for public comments. No public comments.

3. Consent Agenda

3.1. Approval of Minutes for the October 16, 2025 meeting

3.2. Report, Approval and Certification of the Finance Report Expenditures – No Finance Report

Alysha Girard opened the floor for approval of the consent agenda items as they were presented. Sujeeth Draksharam made the motion to approve the previous meeting minutes presented and Charlotte Gilpin seconded the motion. The motion passed unanimously.

4. Discussion and possible action on the report from the technical consultant.

The Technical Consultant Team presented on updates to Task 2A. The RFPG asked if the online version of the flood quilt includes all of the adjustments requested by the TWDB. The Technical Consultant Team confirmed that the online version includes all updates, it is representative of the final iteration of the existing conditions flood quilt. The RFPG discussed the data accessible online. The Chair reminded the RFPG that Fathom and Cursory Floodplain data are the same thing, Cursory Floodplain data is the official name that will be used in documentation.

The Technical Consultant Team provided an update on Task 3B analysis results. The RFPG discussed more heavily emphasizing impacts to agricultural areas. They discussed the desire for the TWDB to prioritize these impacts when determining how to distribute funding. In future planning cycles the RFPG will continue to emphasize the need for mitigation that benefits agricultural areas, they will also advocate to the TWDB on the importance of this metric as part of their Task 8 recommendations.

The Technical Consultant Team provided an update on Task 3C – Goals. The RFPG asked how the goal of using Atlas 14 rainfall data would impact analysis of large watersheds, including the Brazos River. The Technical Consultant

Team replied that flood frequency analysis methodologies (that incorporate historical data from gauges) would still be used to characterize flows in large watersheds. Atlas 14 rainfall data will just update the inputs into these analyses. The RFPG discussed adding a goal to reduce flood impacts to agricultural areas. The Technical Consultant Team agreed to develop a goal for the RFPG to consider at the next meeting. The RFPG discussed modifying the Early Warning System goal to align with the work currently being completed by the TWDB. The Technical Consultant Team agreed to revise the goal baseline and targets to align with the TWDB's work for the RFPG to consider at the next meeting.

Action item: Lower Brazos RFPG approval of the updated Flood Mitigation and Flood Management Goals.

Kristina Ramirez made the motion to approve the updated goals as presented with modification to the flood warning systems goal (no. 8) and to bring forth an additional goal to address the Agricultural flood concerns per discussions. The modification to update the Flood warning systems goal is to revise the presented goal to match goals that the TWDB is being tasked with by recent legislature directive. Alysha Girard seconded the motion. Motion passed.

5. Discussion and potential action on the update of the Bylaws

Presentation of concepts for the amendments of the Bylaws for discussion by the planning group. The planning group decided to set aside the item that discussed revising the secretary's role and moving forward with the rest of the presented sections for amendment. The redline will be presented at the December meeting for the planning group's consideration and possible approval for amendments at the next meeting.

6. Report from:

6.1. Texas Water Development Board (TWDB) staff

Sara Magana provided the TWDB Report to the RFPG.

6.2. Regional Planning Sponsor

Pam reported that the Sponsor is working with Half to amend the contract to amend the expense and task budgets.

6.3. Lower Brazos RFPG Chair

Alysha expanded on the TWDB technical call coming up in December. Noted the final approval for the 2nd Amendment of the 1st Regional Water Plan. This aligns the regional plans to be included in the 1st State Flood Plan to allow these amended FMXs to be eligible for the upcoming FIF funding opportunity in early 2026.

7. Confirm next meeting date and discuss new business to be considered at next meeting

The next regular meeting will be on Thursday, December 18, 2025, at 10:00AM.

Adjourn

Alysha Girard adjourned the meeting at 11:29 AM.

Approved by the Region 8 Lower Brazos RFPG at the meeting held on November 20, 2025.

Matt Phillips, Secretary

Alysha Girard, Chair

Brazos River Authority
2028 Region 8 Lower Brazos Regional Flood Planning Group
From 09/01/25 Through 11/30/25

| | Current Period | Life to Date | Total Budget | Budget Variance | % Budget Remaining |
|---|-------------------|-----------------|------------------|--------------------|-----------------------|
| Revenues | | | | | |
| State Grants | 47,120 | 862,576 | 2,520,600 | 1,658,024 | 65.78% |
| Total Revenues | 47,120 | 862,576 | 2,520,600 | 1,658,024 | 65.78% |
| Reimburseable Expenditures | | | | | |
| Salaries | 234 | 1,764 | 14,750 | 12,986 | 88.04% |
| Benefits | 101 | 759 | | | |
| Indirect Costs | 23 | 176 | | | |
| Other Expenditures | | | 10,250 | 10,250 | 100.00% |
| Printing/Publishing | | | | | |
| Public Information/Notices/Ads ¹ | - | 36 | | | |
| Misc postage/overnight/Misc/etc. ² | 18 | 496 | | | |
| Total Other Expenditures | 376 | 3,232 | 25,000 | 21,768 | 87.07% |
| Voting Planning Member Travel | - | 279 | 4,500 | 4,221 | 93.81% |
| Subcontractors ³ | 46,744 | 859,066 | 2,491,100 | 1,632,034 | 65.51% |
| Total Reimburseable Expenditures | 47,120 | 862,576 | 2,520,600 | 1,658,024 | 65.78% |
| Work in Kind | | | | | |
| Salaries/benefits | 1,381 | 6,057 | | | |
| Other | - | - | | | |
| Total Work in Kind | 1,381 | 6,057 | | | |
| Net Revenue over expenditures | (1,381) | (6,057) | - | - | |

²Agenda, handouts, sign in sheets & chair notes

³ Thru 10/31/25



4. Discussion and possible action on the report from the technical consultant

Technical Consultant Update

December 18, 2025



Agenda



Task 2B – Future Conditions Flood Risk Update



Task 3B – Flood Needs Analysis Update



Task 3C – Flood Mitigation & Management Goals

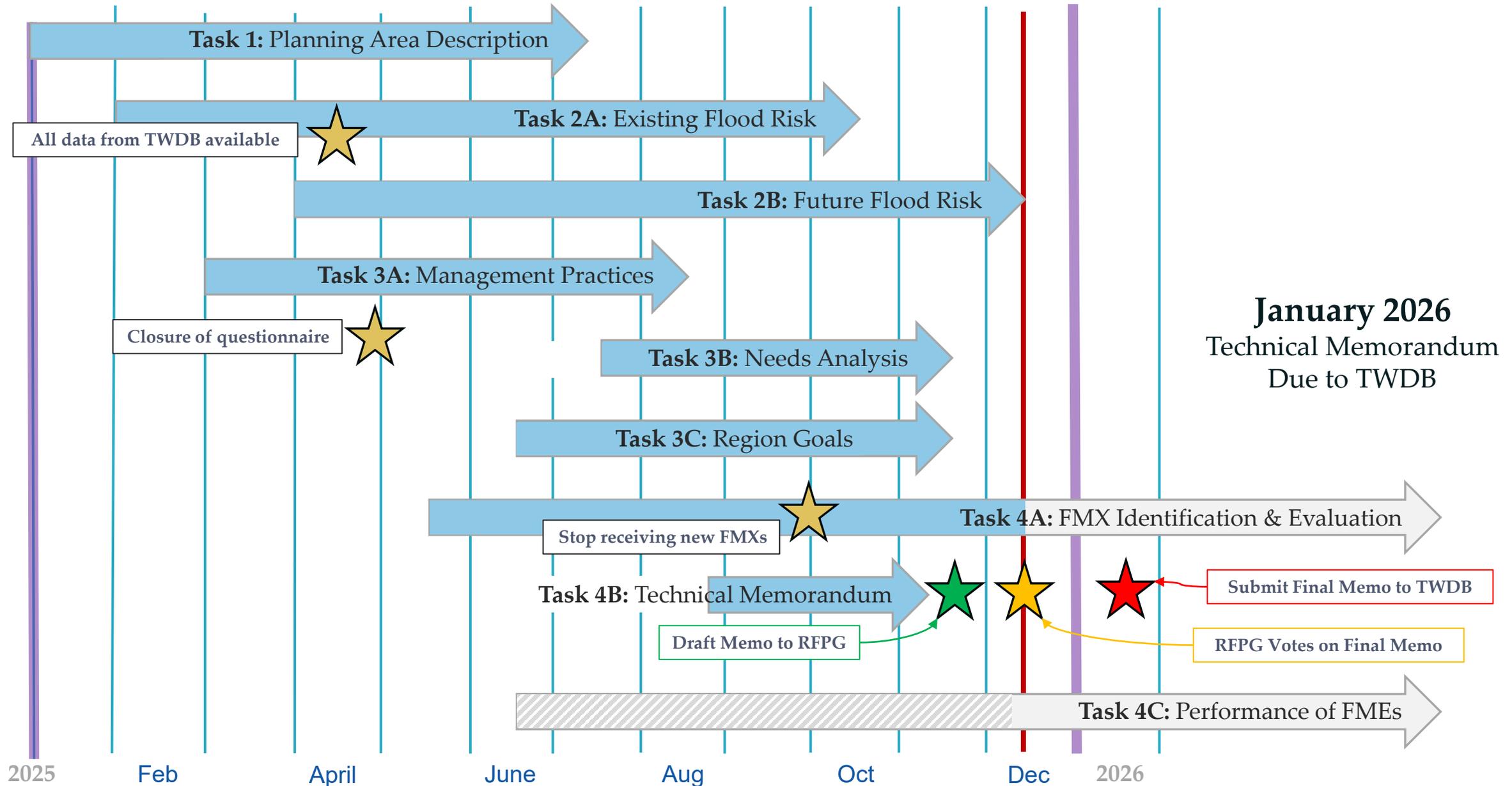


Task 4C & 5B – Performance of FMEs



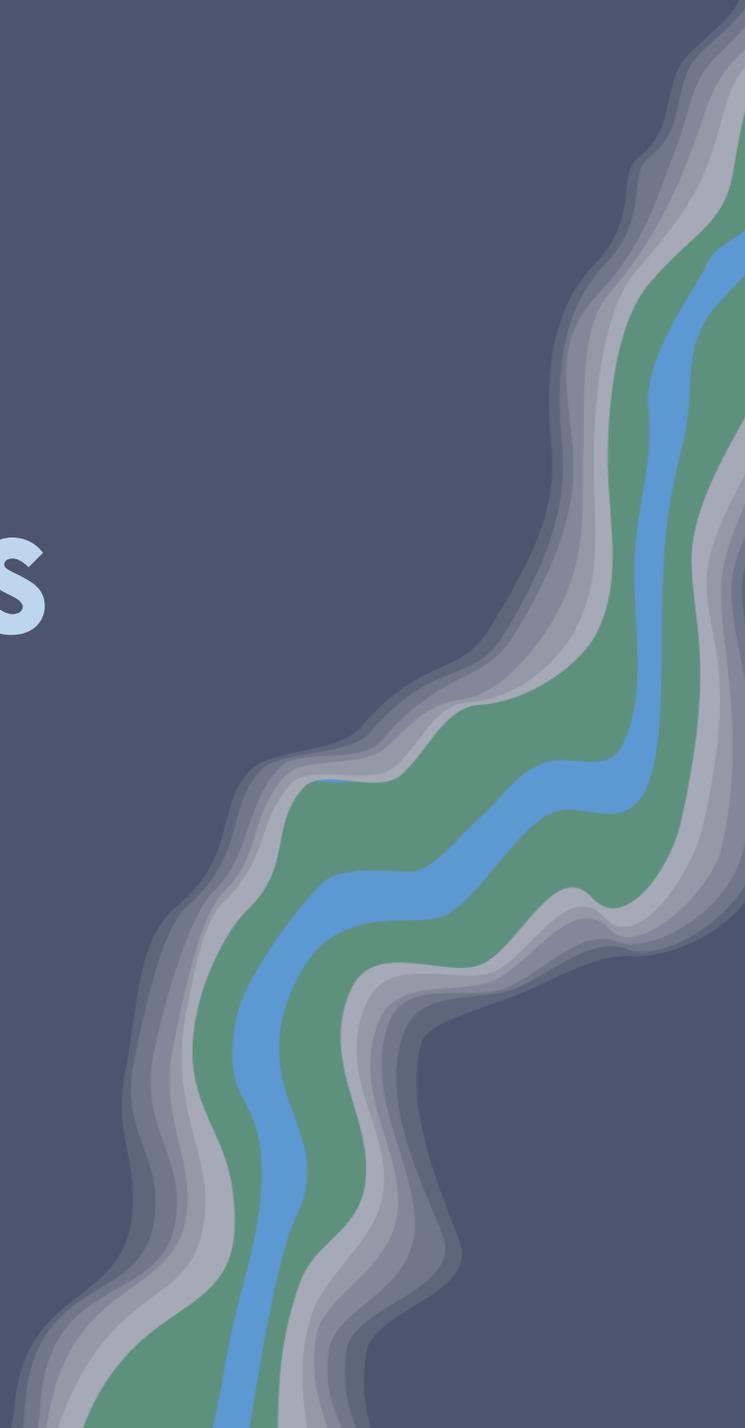
Task 4B – Technical Memorandum Approval

Schedule Updates



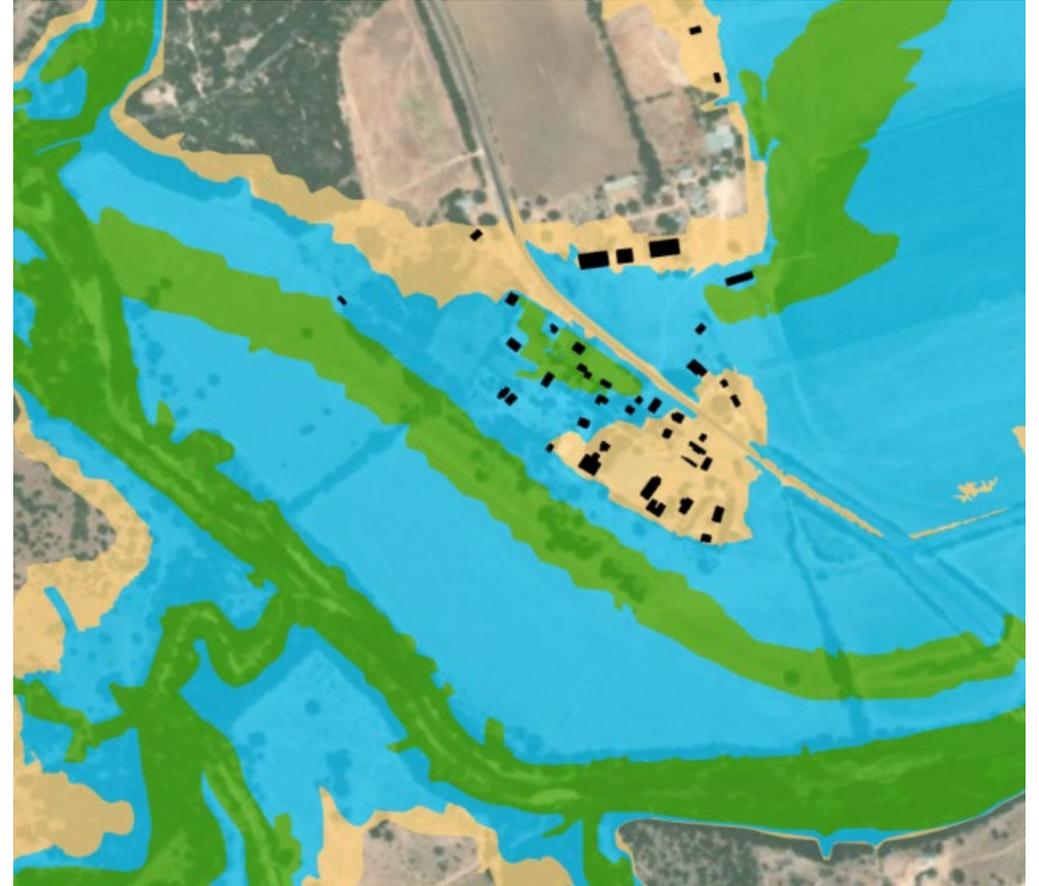
Task 2B & 3A Updates

Nick Boardman, PE, CFM (FNI)



2B (Future Conditions) – Exposure Analysis

- **Flood hazard** – location, magnitude and frequency of flooding
 - Recomputed 2D BLE and GLO models with increased runoff
 - Vertical buffer applied to 1D BLE water surface elevation rasters
- **Flood exposure** – who and what might be harmed within region
- **Vulnerability** – identify vulnerabilities of communities and critical facilities



2B (Future Conditions) – Exposure Analysis

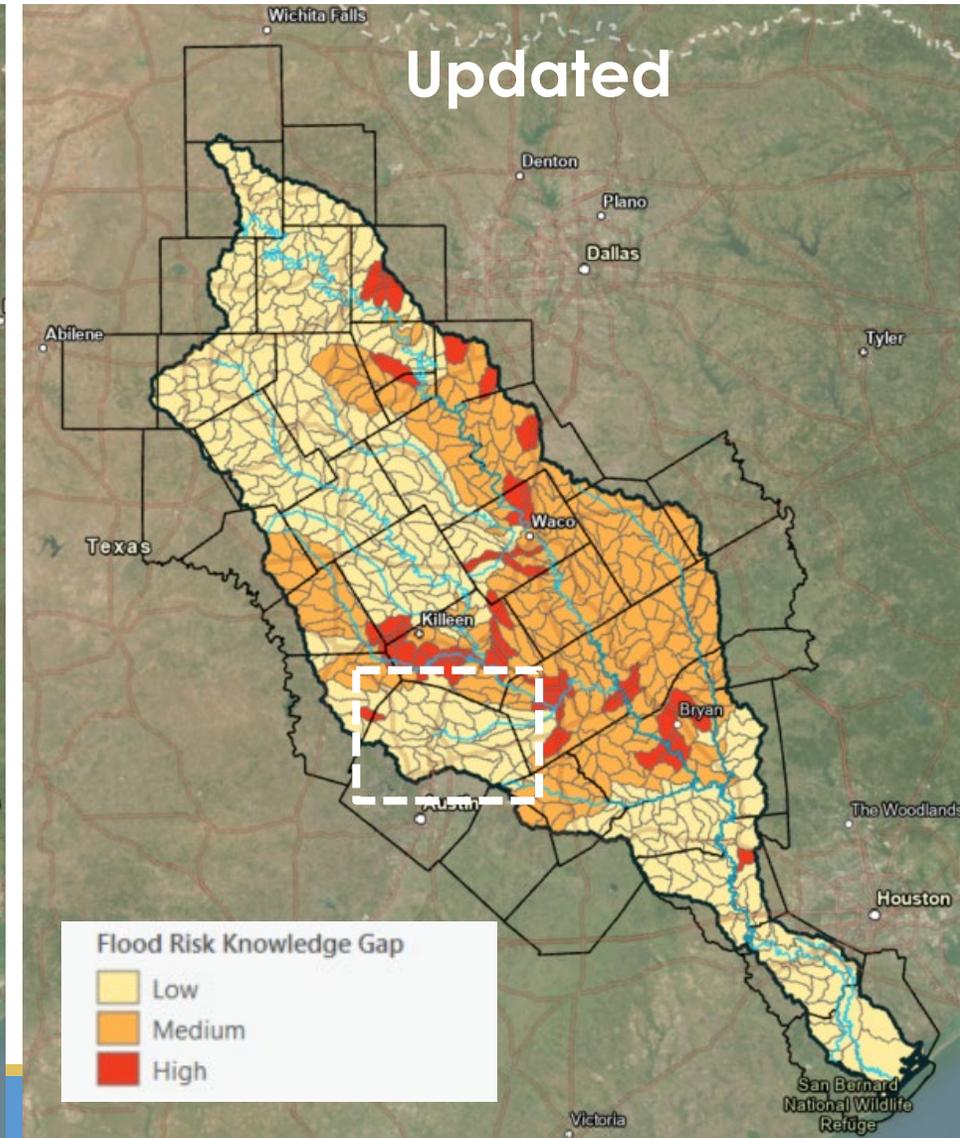
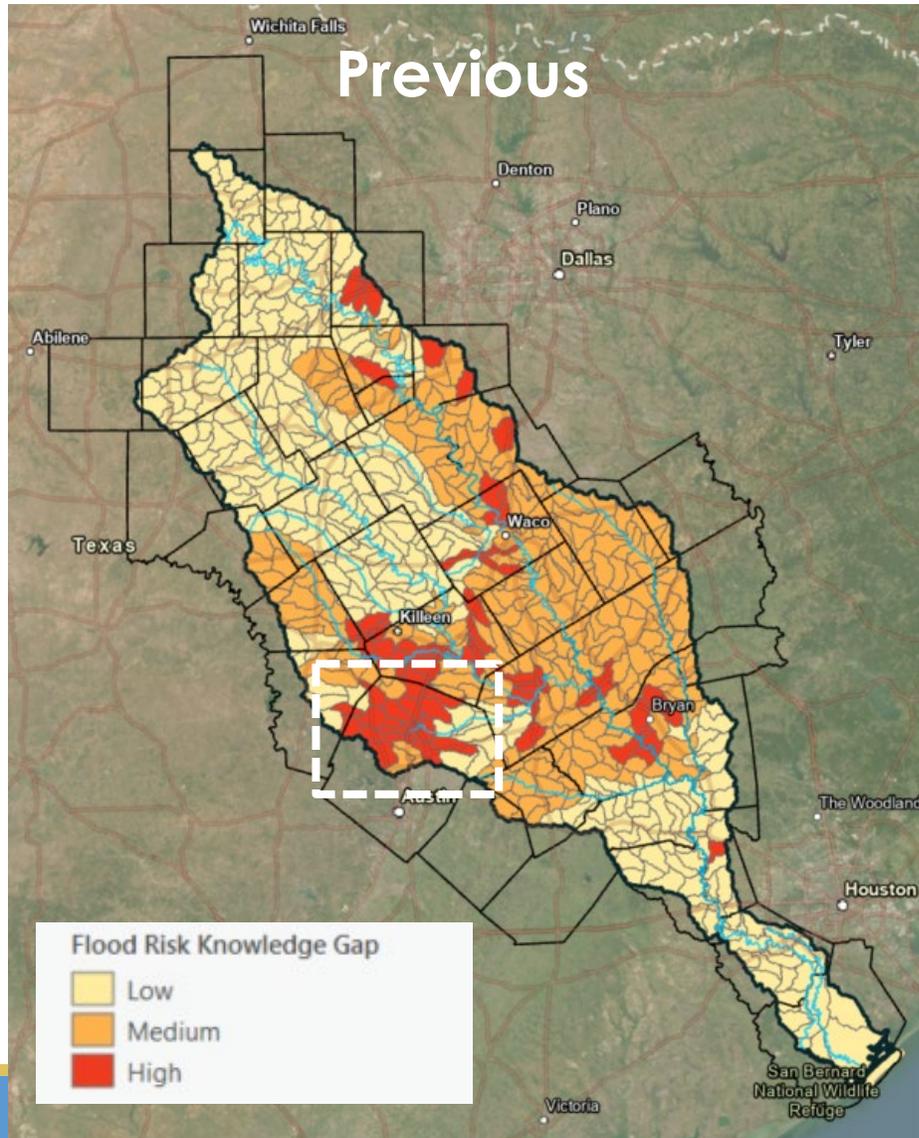
- Totals include exposed buildings and infrastructure in events up to and including the 1% ACE
- 144,000 anticipated future residential buildings were included; the majority were assigned unknown flood risk in areas regulating to higher standards

| Flood Exposure Metric | Existing | Future |
|---------------------------|----------|----------|
| Buildings | 177,290 | 231,634* |
| Critical Facilities | 1,866 | 2,731 |
| Agricultural Area (sq mi) | 1,184 | 1,295 |
| Inundated Roadways (mi) | 7,501 | 8,961 |
| Low Water Crossings | 1,077 | 1,083 |

*1,455 of these structures are anticipated future residential buildings

3B (Flood Needs) – Knowledge Gaps

Updated knowledge gaps scoring to account for detailed riverine modeling in Williamson County



Task 3C: Flood Mitigation & Management Goals

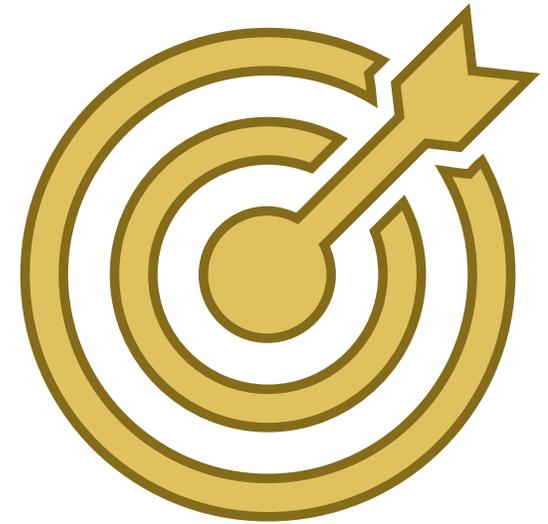
Rachel Herr, PE, CFM (Halff)

RFPG Approval!

3C – Progress

Task Progress

- Approval of 9 of the 10 goals at the RFPG meeting on November 20th
- Request for revisions of one goal
- Request to add an additional goal



3C – 2024 Adopted Goals - Revised

| Goal | Baseline | Revised Baseline | Short Term (2038) | Long Term (2058) | Progress Made |
|--|----------|---|--|---|---|
| Increase the number of communities with warning and emergency response programs that can detect flooding threats and provide timely warning of impending flood danger* | N/A | <p>6 out of 43 counties have programs that detect flood threats and provide timely warning of impending flood danger</p> <p>Utilize the baseline established based on research efforts by the TWDB</p> | <p>Implement warning systems in 20% 50% of communities that are identified by TWDB as needing early warning systems</p> | <p>Implement warning systems in 40% 100% of communities that are identified by TWDB as needing early warning systems</p> | <p>Determined a number of communities that are interested in warning systems and increased goal</p> |

*Physical gauges that are connected to a locally managed early warning system

RED: New information, added, or revised text.

GREEN: Revisions based on feedback at November meeting

3C – 2024 Adopted Goals – New Goal

Option 1

| Goal | Baseline | Revised Baseline | Short Term (2038) | Long Term (2058) | Progress Made |
|--|----------|---|---|---|----------------|
| Reduce the risk of agricultural land flooding during the 1% annual chance storm event by structural and non-structural (flood gauge, etc.) means | N/A | 754,793 acres of agricultural land with 1% annual chance flood risk | Remove 20,000 acres of agricultural land from 1% annual chance flood risk | Remove 50,000 acres of agricultural land from 1% annual chance flood risk | N/A – New goal |

RED: New information, added, or revised text.

GREEN: Revisions based on feedback at November meeting

3C – 2024 Adopted Goals – New Goal

Option 2

| Goal | Baseline | Revised Baseline | Short Term (2038) | Long Term (2058) | Progress Made |
|---|----------|---|--------------------------------|--------------------------------|----------------|
| Reduce the risk of crop damage to agricultural lands due to flooding during the 1% annual chance storm event by structural and non-structural (flood gauge, etc.) means | N/A | \$740,000 in reported damages in the region over the last 10 years* | Reduce reported damages by 10% | Reduce reported damages by 25% | N/A – New goal |

*Data source: <https://www.farmers.gov/dashboard/texas>

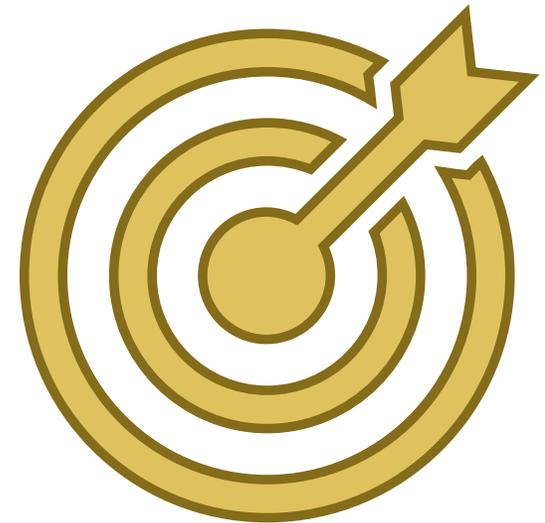
RED: New information, added, or revised text.

GREEN: Revisions based on feedback at November meeting

3C – Vote

Seeking RFPG approval!

Vote to adopt the goals as presented, with non-substantive changes pending any comments from RFPG members.



Task 4C: Performance of FMEs

Task 5B: TWDB Performance of FMEs

Ryan Londeen, PE, CFM

4C / 5B – Performance of FMEs

Goal

RFPG (Task 4C) and TWDB (Task 5B) performance of FMEs to identify potentially feasible FMPs and FMSs.

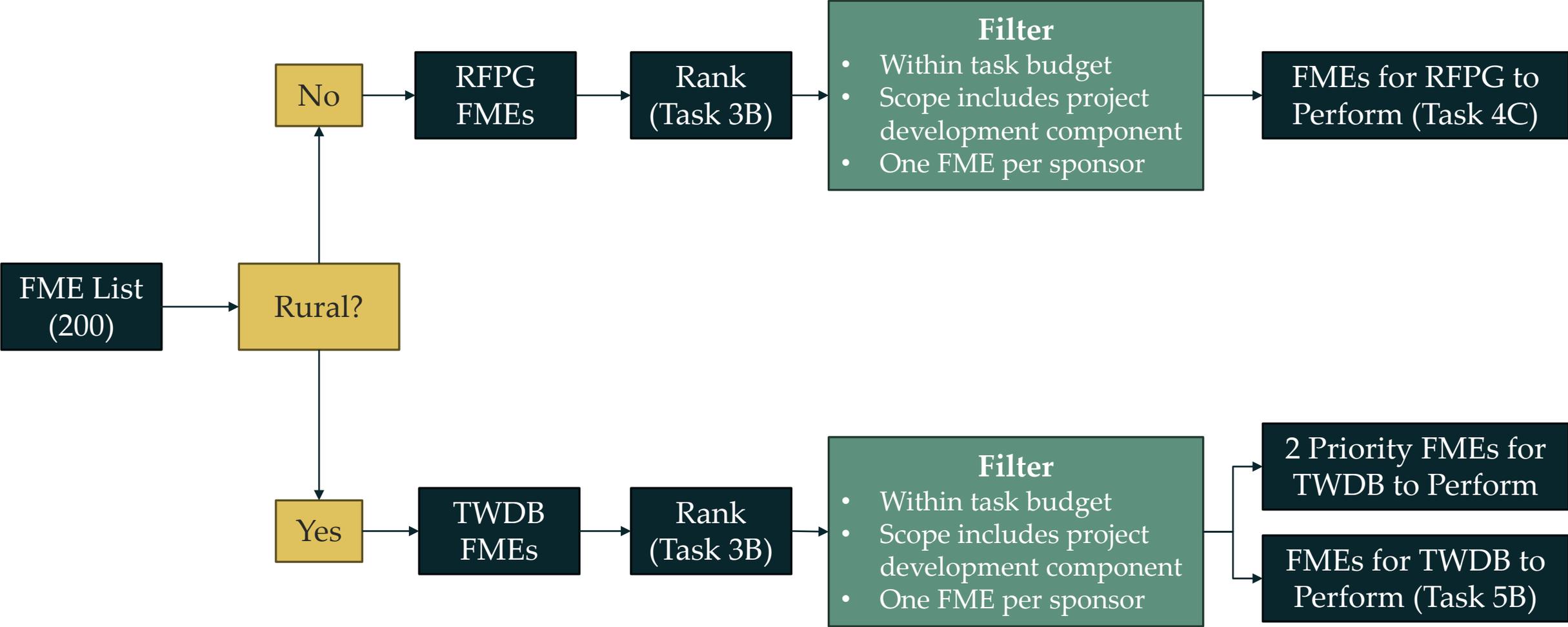
Task 4C – RFPG Performance

- **Budget: \$575,000**
- RFPG to select any recommended FMEs for tech team to complete
- FMEs should work towards identifying FMPs or FMSs
- Resulting FMPs / FMSs can be incorporated into 2028 RFP

Task 5B – TWDB Performance

- **Budget: \$3.9 M**
- Must focus on rural or underserved communities
- RFPG to provide prioritized list of FMEs with scope and fee
- FMEs performed by TWDB's consultant teams
- Results of first 2 FMEs to be provided for incorporation into 2028 RFP

FME Selection Process



Task 4C and 5B

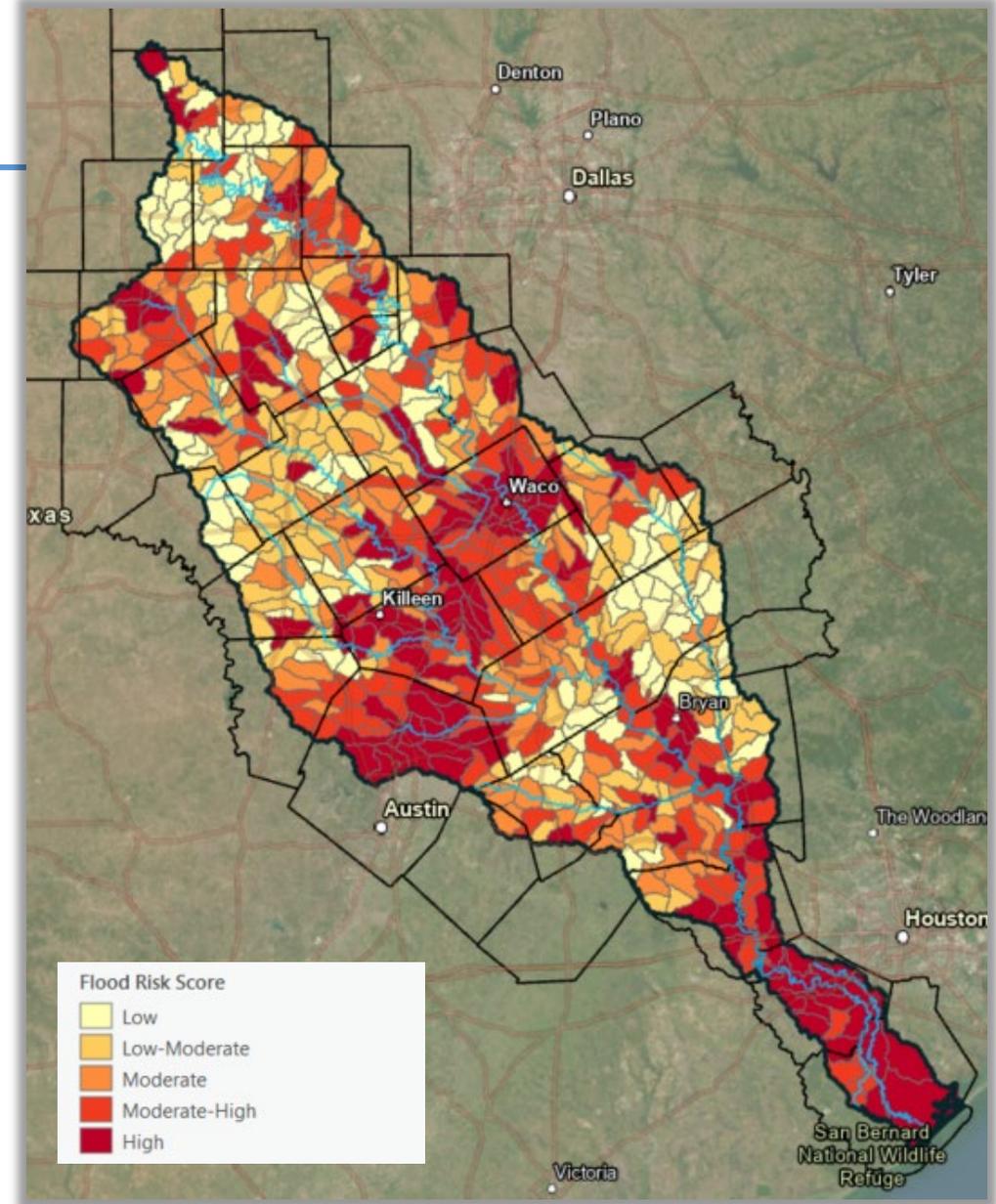
Ranking Considerations (Task 3B **Reminder**)

Flood Risk (75%)

- Buildings at flood risk
- Low water crossings
- Roadways at flood risk
- Agricultural area at flood risk
- Critical facilities at flood risk
- Damaged or failing infrastructure
- Flood-related fatalities
- Disaster declarations
- FEMA claims
- Social Vulnerability Index

Knowledge Gaps (25%)

- Model coverage
- Model detail & accuracy
- Population growth



Task 4C and 5B

Recommendation: TWDB 2024 Intended Use Plan Definition

Municipality:

- with a population of 10,000 or less
- OR
- is located in a county which no urban area has a population of more than 50,000

County:

- with no urban area with a population of more than 50,000

27 non-rural cities in
Lower Brazos Region

166 rural cities in the
Lower Brazos Region

City of
Bellmead

URBAN



City of
Navasota

RURAL



URBAN

Johnson
County



RURAL

Erath
County

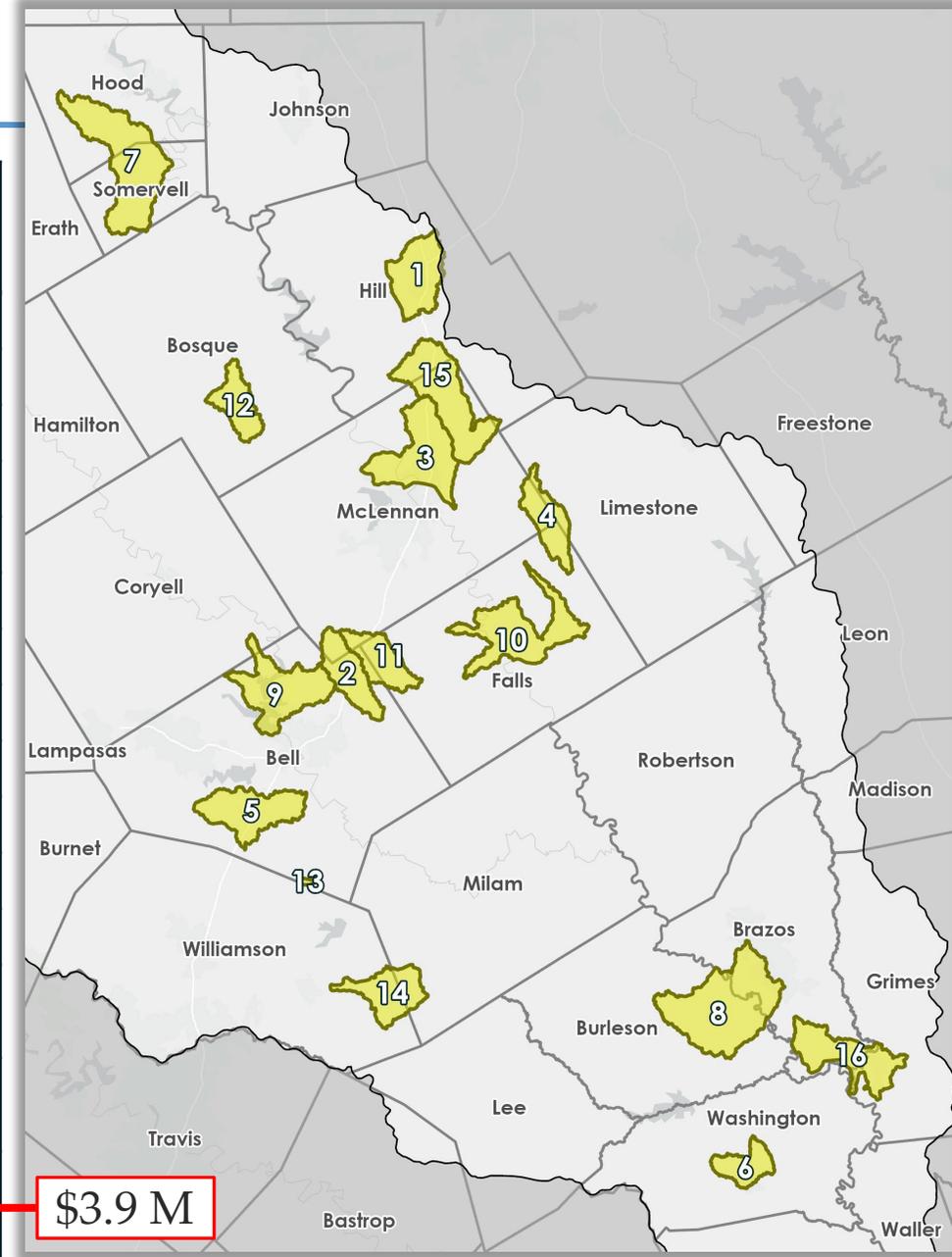


8 non-rural counties in
Lower Brazos Region

35 rural counties in
Lower Brazos Region

Task 5B FMEs

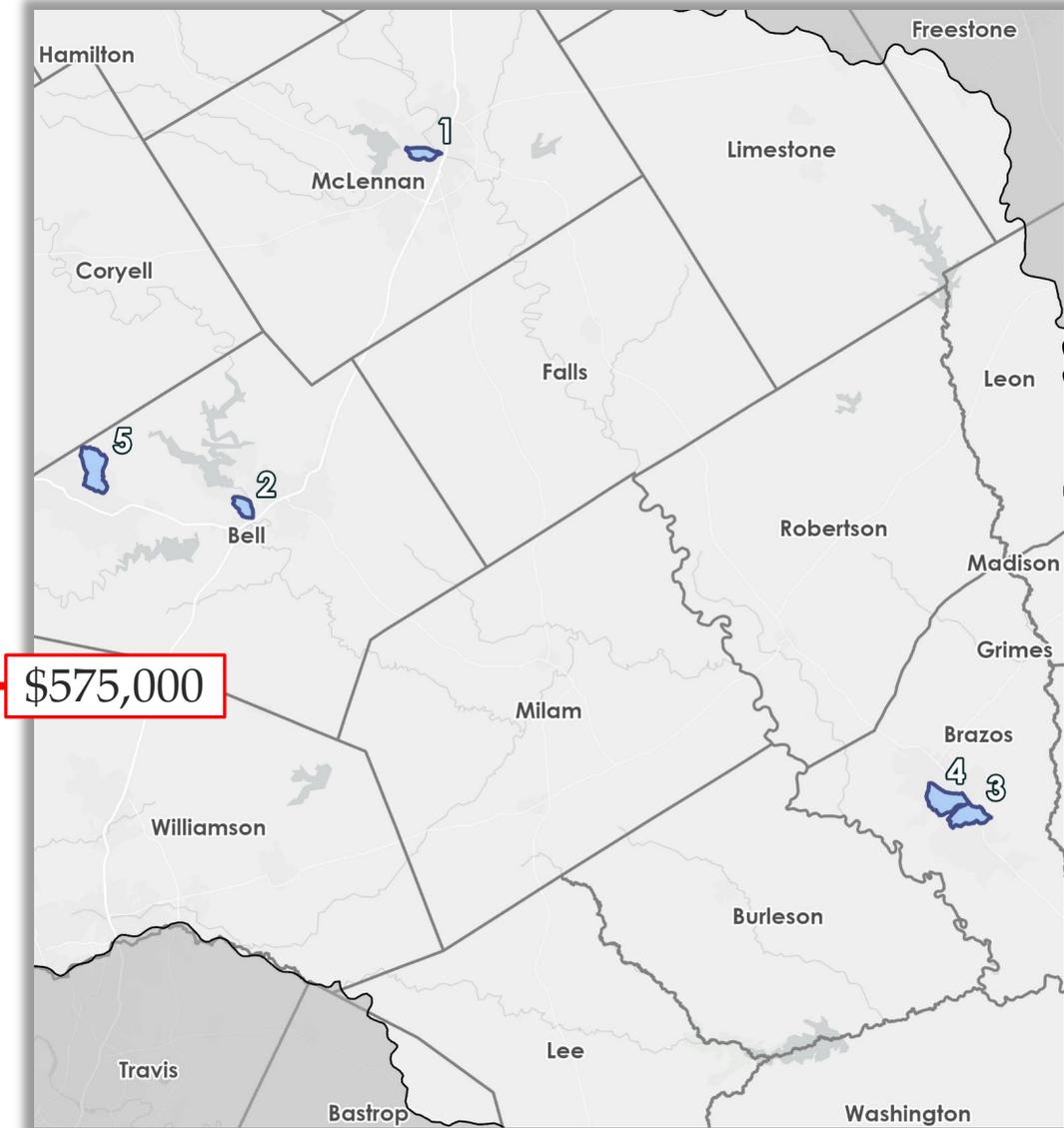
| Rank | FME Name | Submitted | Draft FME Cost* | Running Total Cost |
|------|---|------------|-----------------|--------------------|
| 1 | City of Hillsboro (Drainage Master Plan) DMP | 2024 Amend | \$300,000 | \$0.30 M |
| 2 | City of Troy DMP | 2024 Amend | \$250,000 | \$0.55 M |
| 3 | City of Lacy-Lakeview DMP | 2024 Amend | \$300,000 | \$0.85 M |
| 4 | City of Mart DMP | 2024 Amend | \$250,000 | \$1.10 M |
| 5 | Village of Salado DMP | 2024 Amend | \$250,000 | \$1.35 M |
| 6 | Big Sandy-New Year Creek DMP (Washington Co) | 2023 RFP | \$480,000 | \$1.83 M |
| 7 | Glen Rose DMP | 2024 Amend | \$300,000 | \$2.13 M |
| 8 | Old River Drainage Study (Burlison Co) | 2024 Amend | \$550,000 | \$2.68 M |
| 9 | Morgan's Point Resort DMP | 2024 Amend | \$500,000 | \$3.18 M |
| 10 | City of Marlin DMP | 2024 Amend | \$250,000 | \$3.43 M |
| 11 | CR 462 Crossing at Deer Creek (Falls Co) | 2024 Amend | \$95,000 | \$3.53 M |
| 12 | City of Clifton DMP | 2024 Amend | \$150,000 | \$3.68 M |
| 13 | W Clark & W Front St Storm Sewer (City of Bartlett) | 2024 Amend | \$15,000 | \$3.69 M |
| 14 | Brushy Creek & South FM 486 Crossing (Milam Co) | 2024 Amend | \$10,000 | \$3.70 M |
| 15 | City of West DMP | 2024 Amend | \$150,000 | \$3.85 M |
| 16 | City of Navasota DMP | 2028 RFP | \$350,000 | \$4.20 M |



*Final cost will be determined after coordination with sponsor and final scope is established

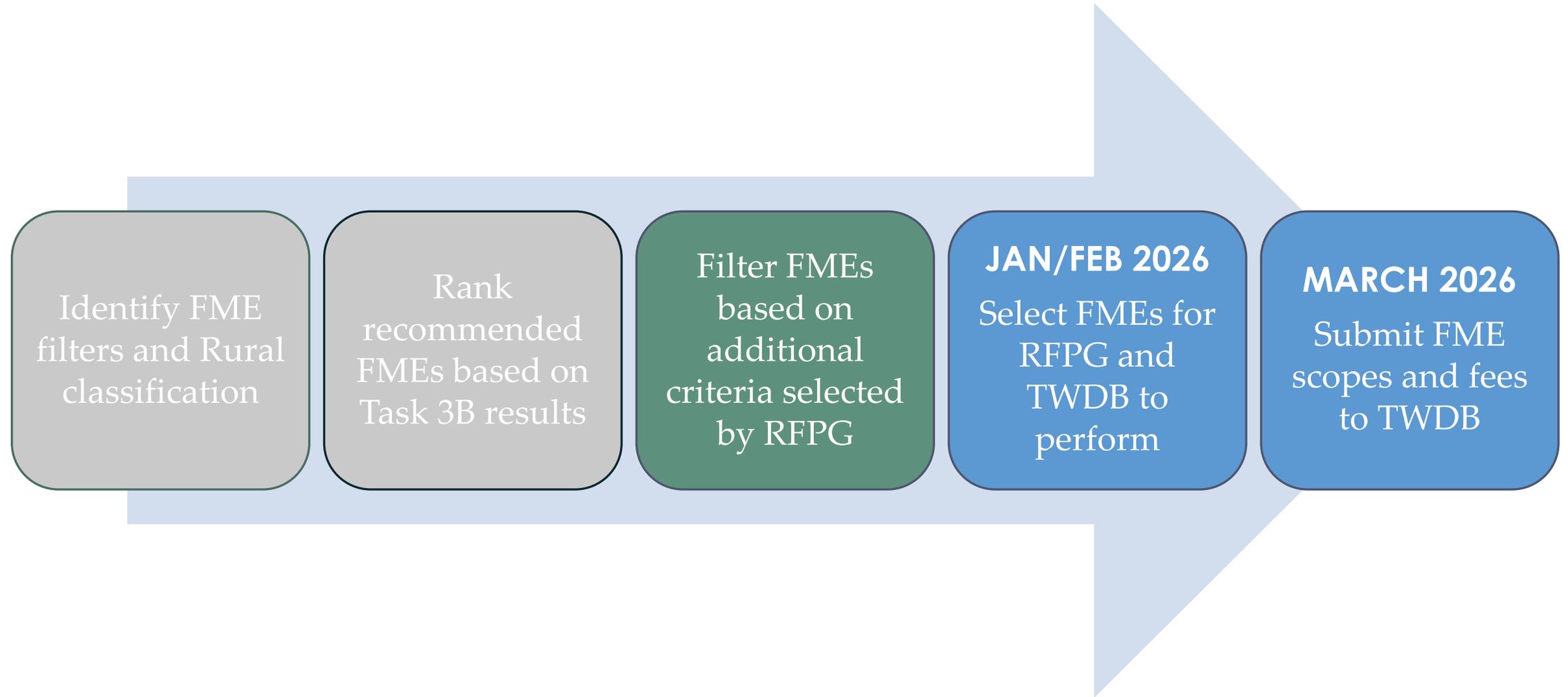
Task 4C FMEs

| Rank | FME Name | FME Sponsor | Draft FME Cost* | Running Total Cost |
|------|--|-------------------------|-----------------|--------------------|
| 1 | Barron's Branch Creek Improvements | City of Waco | \$300,000 | \$300,000 |
| 2 | Turtle Creek Channel & Drainage Improvements | City of Belton | \$165,000 | \$465,000 |
| 3 | Project Development for Wolf Pen Creek Watershed | City of College Station | \$150,000 | \$615,000 |
| 4 | Burton Creek Channel Improvements | City of Bryan | \$265,000 | \$880,000 |
| 5 | Long Branch Environmental Improvements | City of Killeen | \$80,000 | \$960,000 |



*Final cost will be determined after coordination with sponsor and final scope is established

Task 4C and 5B Next Steps



Identify FME filters and Rural classification

Rank recommended FMEs based on Task 3B results

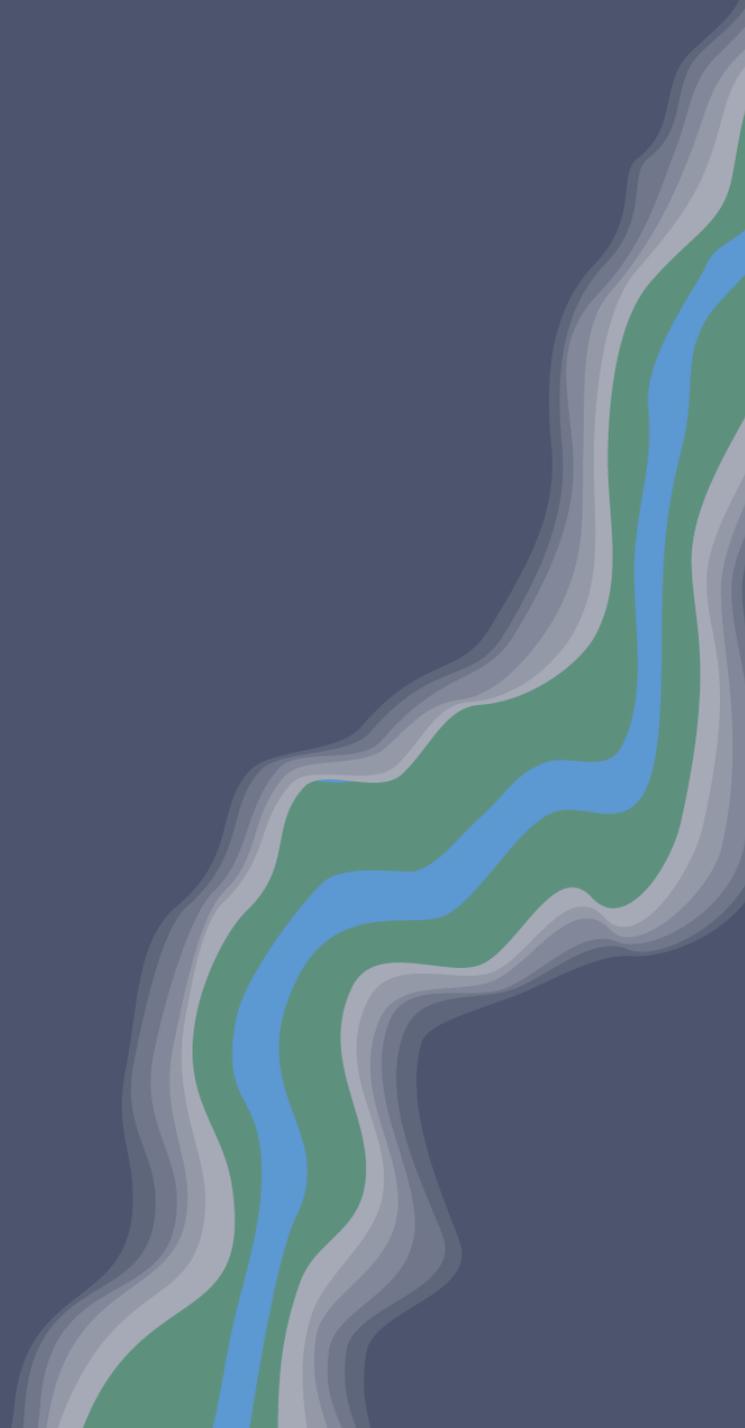
Filter FMEs based on additional criteria selected by RFPG

JAN/FEB 2026
Select FMEs for RFPG and TWDB to perform

MARCH 2026
Submit FME scopes and fees to TWDB

Task 4B: Technical Memorandum

Ryan Londeen, PE, CFM



Task 4B – Vote

Seeking RFPG approval!

Vote to approve the technical team to submit the Task 4B Technical Memorandum as presented, with non-substantive changes, to the Texas Water Development Board by January 7th 2026.





QUESTIONS AND COMMENTS

For more information or to contact the RFPG visit:
lowerbrazosflood.org

LOOKING AHEAD

JANUARY / FEBRUARY 2025

- **Task 4C: RFPG Performance of FMEs**
- **Task 5B: TWDB Performance of FMEs**

MARCH 2025

- **Performance of FMEs: Update**
- **Draft Chapters 2 and 3 for Review**

Gold = RFPG Decision or Vote



5. Discussion and possible action on the update of the Bylaws



Lower Brazos

Regional Flood Planning Group

| Region 8 Bylaws Summary of Changes | |
|---|---|
| Article Section | Summary of Changes |
| Article V. Section 1 - Composition | Change to add text to capture the split of the Municipal seat into two seats |
| Article V. Section 4 – Selection of members | Remove the timeline for when to fill vacancies. Recommended Change “At the expiration of a voting member’s term, or after the removal of or unanticipated resignation of a voting member, the Region 8 Lower Brazos RFPG shall post public notice. |
| Article V. Section 4 – Selection of members | Remove the timeline requirement for review of nominations received by the Executive Committee. Recommended Change: Strikethrough “no sooner than ten calendar days after the deadline for submitting nominations”. |
| Article VIII. Section 1 – Officers, Restrictions, and Terms of Office | Change officer terms from one year to two years. |
| Article VIII. Section 2 - Selection | Updated paragraph (b). Consider aligning elections with renewal of terms of office During election years (even years), elections to be held at the first meeting following the renewal of terms. (usually mid-summer). |
| Article IX. Section 8 - Minutes | Paragraph (b) revise timeline to be consistent with the meeting materials rule requirement of providing meeting minutes to the full group no later than three days prior to the next regular meeting. |
| Article X Section 3 – Approving Recommended FMXs | Update to reflect that the planning group will approve the list of recommended FME, FMS, and FMP by voting on the list by consensus, but not less than a majority vote of the voting members present. The purpose of this change is clarifying a vote doesn’t need to be taken on each individual FMX but rather each list of FMEs, FMSs, and FMPs. |



6. Report from:

6.1. Texas Water Development Board (TWDB) staff

6.2. Regional Planning Sponsor

6.3. Lower Brazos RFPG Chair



7. Confirm the next meeting date and discuss new business to be considered at the next meeting

3rd Thursday of the month for regular RFPG meetings – February 19, 2026, at 10:00 AM

REGION



Lower Brazos
Regional Flood Planning Group

8. Adjourn