

# LOWER RIO GRANDE REGIONAL FLOOD PLANNING GROUP MEETING

RFPG Meeting

Agenda Items No. 7 and 8

February 04, 2026



# AGENDA

- ❑ Technical Consultant Update
  - ❑ General Update
    - ❑ Technical Memorandum
    - ❑ Update on Task 3B – Gaps in Flood Risk Information and Areas of Greatest Flood Risk
  - ❑ Task 4C and 5B – Performance of FMEs
  - ❑ Look Ahead
- ❑ Agenda Item 8 - Discussion and possible action on rural criteria



# GENERAL UPDATE

- Technical Memorandum – Submitted on time
  - Under review by TWDB
- Upcoming Deadlines
  - List of FMEs to be performed by TWDB with SOW for top 2
    - Due March 26, 2026
      - Performed by TWDB consultants 2026-2027 for FMP inclusion in 2028 RFP
  - SOW for all FMEs on TWDB list
    - Due April 24, 2026
      - \$3.9 M to be spent between 2026-2031

**15** Lower Rio Grande  
Regional Flood Planning Group

TECHNICAL MEMORANDUM - DRAFT

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TECHNICAL MEMORANDUM

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**To:**

Mr. Bryan McMath Executive Administrator  
Texas Water Development Board  
P.O. Box 13231  
Austin, TX 78711-3231

**Through:**

Jaime J. Salazar  
Operations Manager  
Hidalgo County Drainage District No. 1  
902 N. Doolittle  
Edinburg, TX 78542

**From:**

Halff Associates, Inc  
5000 West Military Hwy, Ste. 100  
McAllen, TX 78503

**subject:**

Region 15 Lower Rio Grande Regional Flood Plan, Technical Memorandum

**date:**

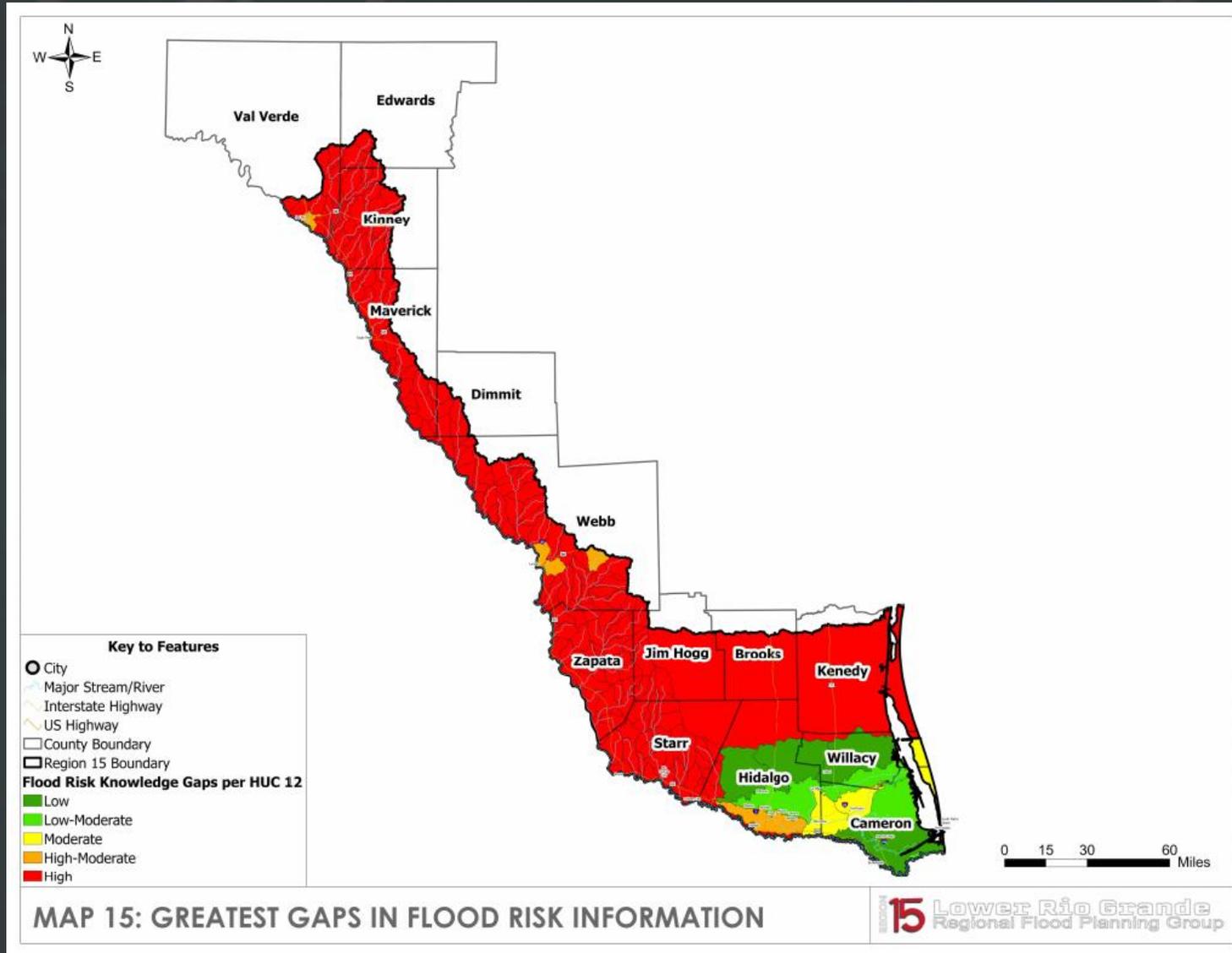
January 7, 2026

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In accordance with Texas Administrative Code §361.13 regarding the Regional Flood Planning Group Deliverables, contained in this draft technical memorandum, the interim datasets required for review for the Lower Rio Grande Regional Flood Planning Group (RFGP), Region 15. All required submittal components for the Technical Memorandum are briefly described in the next sections and contained in the Appendix as Attachments. Table 2 on page 10 indicates which subtasks and information is contained in each Attachment.

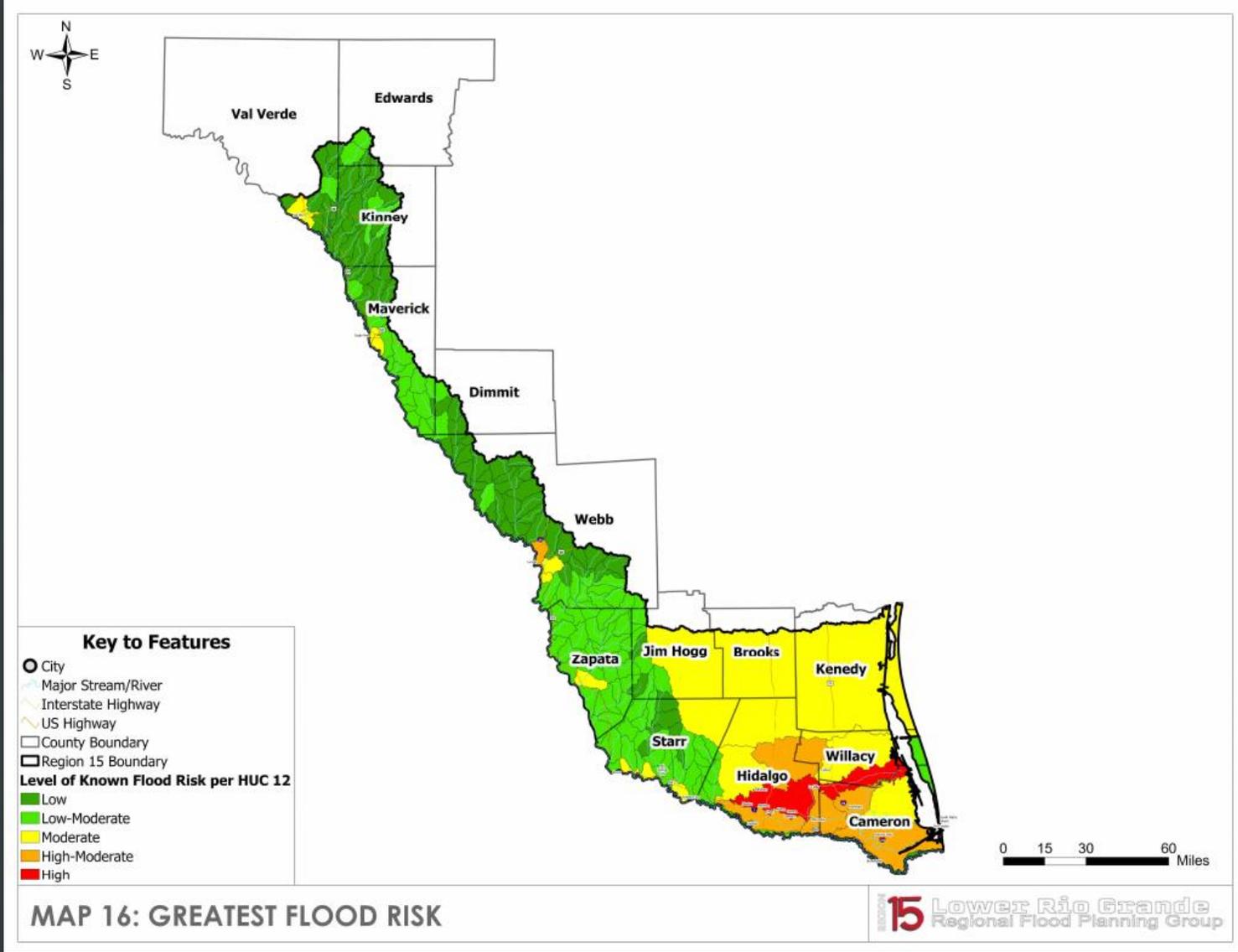


# TASK 3B – FLOOD MITIGATION NEEDS ANALYSIS – GAPS IN FLOOD RISK DATA





# TASK 3B – FLOOD MITIGATION NEEDS ANALYSIS – AREAS OF GREATEST FLOOD RISK





# TASK 4C AND 5B – FME PERFORMANCE

## Goal

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

### Task 4C – RFPG Performance

- Budget: \$775,975
- 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 with intent of developing FMPs
- Results of first 2 FMEs (FMPs) to be provided for incorporation into 2028 RFP



# TASK 5B – TWDB FMES AND RURAL CRITERIA

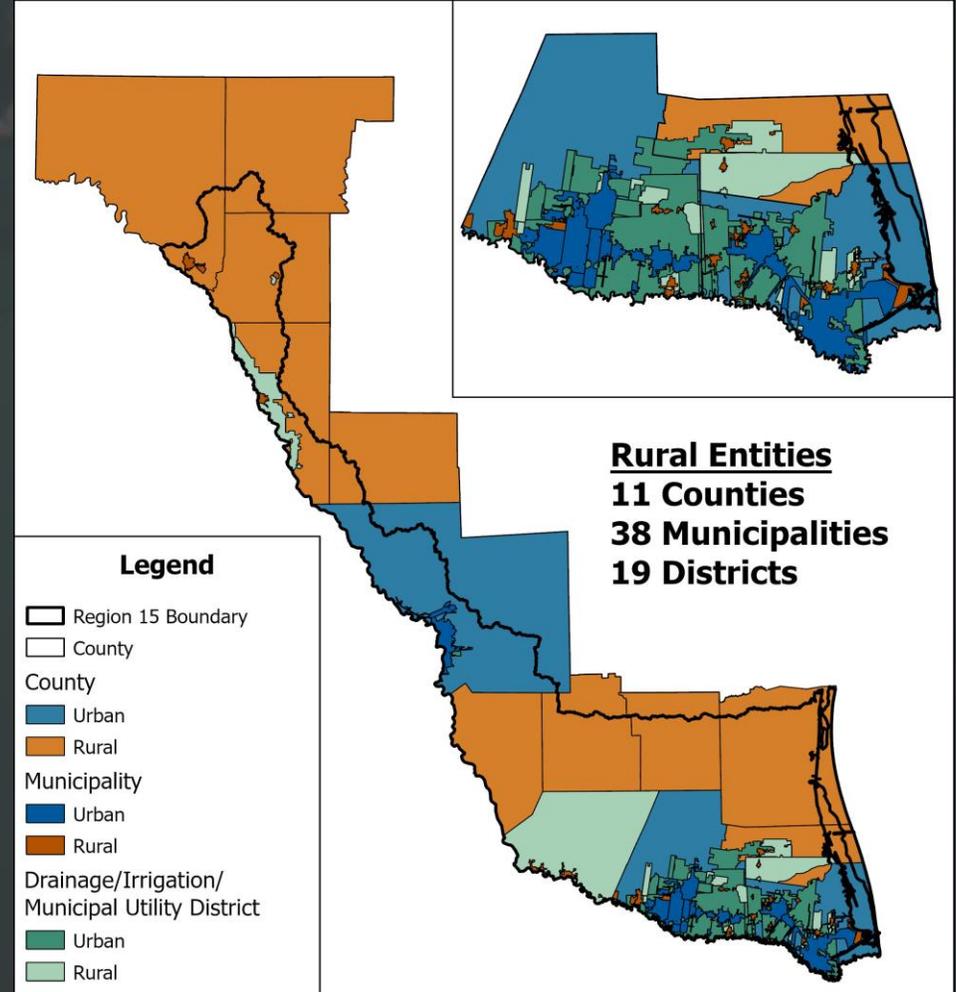
## Recommendation: TWDB 2024 Intended Use Plan Definition

### 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

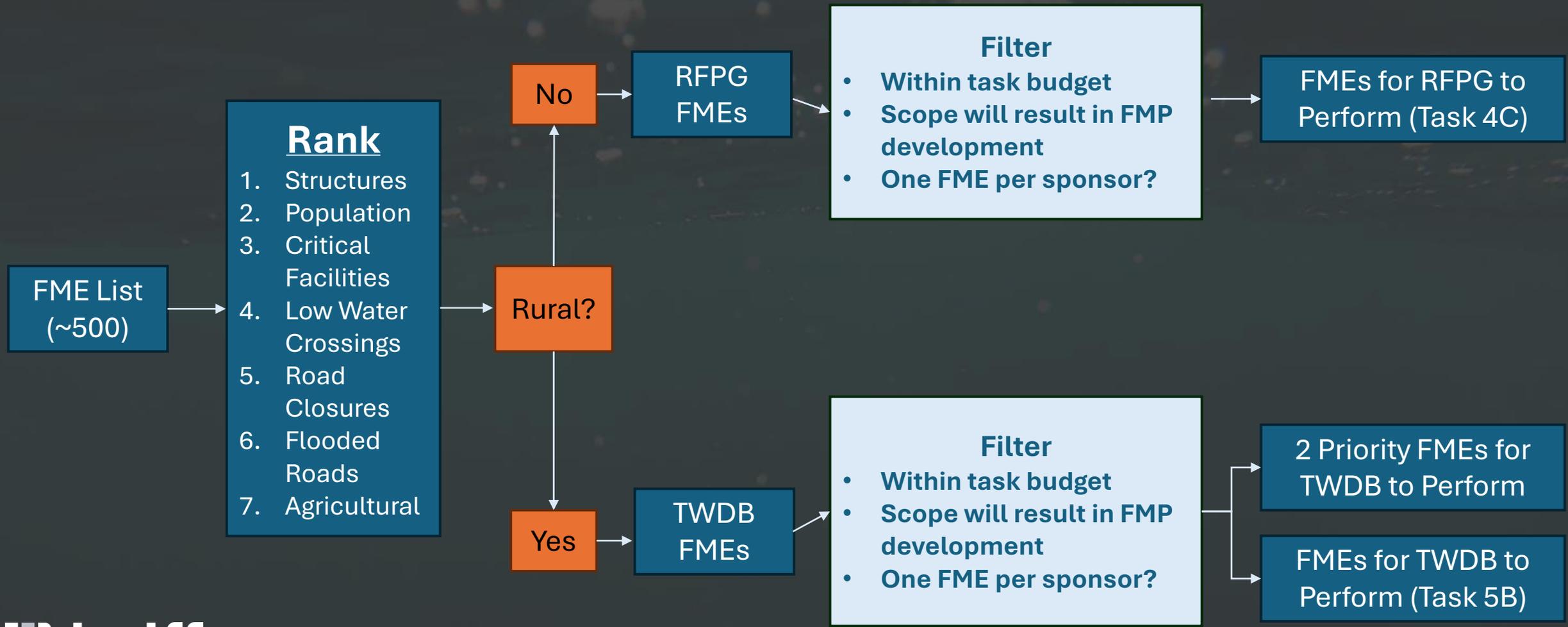
### County:

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





# FME Selection Process





# TASK 5B – TWDB FMES – PRELIMINARY RANKING

Rank	FME ID	FME Name	Sponsor	FME Cost	Running Total Cost
28	15-51-0000000124	Val Verde County	Val Verde	\$500,000	\$500,000
30	15-51-0000000096	Maverick County	Maverick	\$500,000	\$1,000,000
32	15-51-0000000210	City of Del Rio Master Watershed Study Solution 1	Del Rio	\$180,000	\$1,180,000
33	15-51-0000000098	Starr County Drainage District	Starr County Drainage District	\$250,000	\$1,430,000
34	15-51-0000000097	Starr County	Starr	\$250,000	\$1,680,000
34	15-51-0000000103	Rgc Public Works, Escobares City, And Starr Public Works Roadway Improvements	Starr	\$528,000	\$2,208,000
36	15-51-0000000432	Starr County Hazard Mitigation Plan Action #18	Starr	\$1,440,000	\$3,648,000
37	15-51-0000000085	Kinney County	Kinney	\$250,000	\$3,898,000
44	15-51-0000000104	City of Del Rio	Del Rio	\$250,000	\$4,148,000
47	15-51-0000000533	Willacy County Watershed Planning	Willacy	\$750,000	\$4,898,000
48	15-51-0000000413	Willacy Colonia Stormwater Drainage Planning Study Update	Willacy	\$60,000	\$4,958,000
83	15-51-0000000132	Zapata County	Zapata	\$250,000	\$5,208,000
93	15-51-0000000102	City of Rio Grande City	Rio Grande City	\$250,000	\$5,458,000
96	15-51-0000000523	City of Primera Watershed Planning	Primera	\$500,000	\$5,958,000
97	15-51-0000000390	Willacy County Precinct No.1 - Los Angeles Drain Ditch improvement	Willacy	\$76,503	\$6,034,503
98	15-51-0000000516	Lyford Lateral J Ditch Improvement	Willacy	\$20,000	\$6,054,503

**\$3.9 M**

- Review with sponsors
  - Confirm need and status
  - Scope
  - Budget
- Identify additional potential projects with remaining budget



# TASK 5B – TWDB FMES - CHALLENGES

- Master Drainage Plan Scope
  - Beyond TWDB goal of developing FMPs
  - Large budget/longer schedule

**Potential Solution:**  
Work with local sponsor to revise scope

Include	Exclude
<input type="checkbox"/> 2D ROM Modeling – leverage BLE	<input type="checkbox"/> Extensive Survey (limited survey in problem areas only)
<input type="checkbox"/> 10%, 2%, 1%, and 0.2% Events	<input type="checkbox"/> Historical storm events
<input type="checkbox"/> Identification of problem areas (5-6)	<input type="checkbox"/> CIP List or Prioritization
<input type="checkbox"/> Identification of FMPs (~2)	<input type="checkbox"/> Drainage Criteria Review/Revision
<input type="checkbox"/> Report	



# TASK 5B – TWDB FMES – NEXT STEPS

Re-evaluate FME rankings based on RFPG input

Coordinate with local sponsors on scope/budget for top ranked projects

Revise scope and fee, as needed and obtain signed community affirmation form

**FEB/March 2026**  
Finalize draft list of FMEs for RFPG and TWDB to perform

**MARCH 2026**  
Obtain RFPG approval on FME lists and submit FME scopes and fees to TWDB



# TASK 4C – RFPG FMES – PRELIMINARY RANKING

Rank	FME ID	FME Name	Sponsor	FME Cost	Running Total Cost
1	15-51-0000000411	Hidalgo County Colonia Stormwater Drainage Planning Study Update	Hidalgo	\$119,520	\$119,520
2	15-51-0000000477	F-13-01 - Progreso	Hidalgo County Drainage District 1	\$390,000	\$509,520
2	15-51-0000000478	Donna Irrigation District	Hidalgo County Drainage District 1	\$6,690,000	\$7,199,520
2	15-51-0000000479	Cameron County Outfalls	Hidalgo County Drainage District 1	\$660,000	\$7,859,520
2	15-51-0000000480	Moorefield and Monte Cristo	Hidalgo County Drainage District 1	\$1,890,000	\$9,749,520
2	15-51-0000000481	Faysville Study	Hidalgo County Drainage District 1	\$1,350,000	\$11,099,520
2	15-51-0000000482	J-08-00 Western to Abram	Hidalgo County Drainage District 1	\$300,000	\$11,399,520
2	15-51-0000000483	J-08 Extension	Hidalgo County Drainage District 1	\$3,270,000	\$14,669,520
9	15-51-0000000131	Webb County	Webb	\$1,000,000	\$15,669,520
10	15-51-0000000142	Webb County Hwy 359 Colonias Drainage	Webb	\$100,000	\$15,769,520
11	15-51-0000000412	Cameron Colonia Stormwater Drainage Planning Study Update	Cameron	\$119,520	\$15,889,040
12	15-51-0000000567	Coastal Compound Flooding	Cameron	\$3,000,000	\$18,889,040

**\$776 K**

- Review with sponsors
  - Confirm need and status
  - Scope
  - Budget
- Identify additional potential projects with remaining budget



## NEXT STEPS

- Coordinate with local sponsors based on initial rankings for both rural and non-rural FMEs
- Finalize draft list of FMEs for TWDB performance for RFPG consideration and approval
  - RFPG Meeting in March (3/11?)
  - FME List and SOW for first 2 FMEs due to TWDB on March 26, 2026
    - SOW for other TWDB FMEs due April 24, 2026
- Finalize Draft Chapters for Tasks 1-3 for review/approval at upcoming meetings



## AGENDA ITEM 8

- Agenda Item 8: Discussion and possible action on the metrics used to define “small and rural communities with limited resources” for inclusion in the FME list to be submitted to Texas Water Development Board