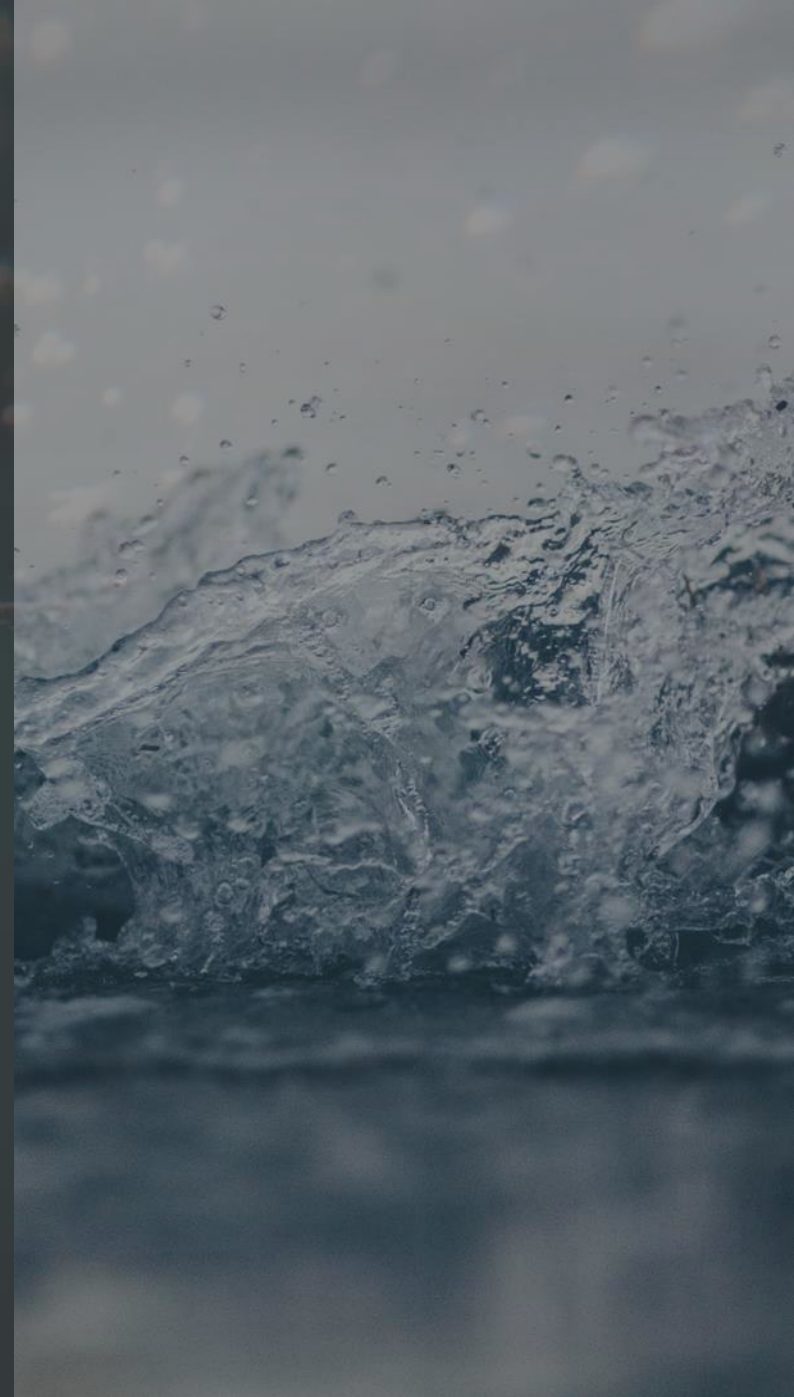


LOWER RIO GRANDE REGIONAL FLOOD PLANNING GROUP MEETING

RFPG Meeting
Agenda Items 7-9
June 22, 2026



AGENDA

- ❑ Agenda Item 7 - Technical Consultant Update:
 - ❑ Task 5B – TWDB FMEs - update
 - ❑ Task 5A – Recommendation of FMXs – FME Review
 - ❑ Task 4C – RFPG FMEs - update
- ❑ Agenda Item 8 - Discussion and possible action on additional FME's for technical consultant to perform (Task 4C)
- ❑ Agenda Item 9 – Discussion and possible action on Chapter 1 Planning Area Description



TECHNICAL CONSULTANT UPDATE – TASK 5B – TWDB FME PERFORMANCE

Goal

Performance of FMEs for rural areas to identify potentially feasible FMPs and FMSs.

FME ID	FME Name
15-51-0000000096	Maverick County
15-51-0000000551	Gravel Pit Conversion to Retention/Detention Ponds
15-51-0000000085	Kinney County
15-51-0000000125	Webb County Drainage District #1
15-51-0000000082	Jim Hogg County
15-51-0000000380	City of Rio Hondo - Rio Hondo Drainage Improvements
15-51-0000000456	City of La Villa - Holistic HUC Flood Protection Study
15-51-0000000451	City of Palmhurst - Holistic HUC Flood Protection Study
15-51-0000000441	City of La Feria - Holistic HUC Flood Protection Study
15-51-0000000444	City of Combes - Holistic HUC Flood Protection Study
15-51-0000000132	Zapata County
15-51-0000000267	Drainage Infrastructure Improvements
15-51-0000000030	South Padre Island #6
15-51-0000000328	City of Rancho Viejo - FM 1732/Carmen Ave Crossing Improvements.
15-51-0000000382	City of Santa Rosa - Santa Rosa Drainage System Improvements

- Budget: \$3.9 M
- Must focus on rural communities that lack resources and staff to perform FMEs
- RFPG to provide prioritized list of FMEs with scope and fee
- Results of first 2 FMEs (FMPs) to be provided for incorporation into 2028 RFP
 - **TWDB Consultant Team scheduled kick-off meetings with Maverick County (5/20) and City of Elsa (5/19) in May**



TECHNICAL CONSULTANT UPDATE – TASK 5A



P.O. Box 13231, 1700 N. Congress Ave.
Austin, TX 78711-3231, www.twdb.texas.gov
Phone (512) 463-7847, Fax (512) 475-2053

February 6, 2026

Jaime Salazar
Chief of Staff
Hidalgo County Drainage District No. 1
902 N Doolittle Rd
Edinburg, TX, 78542

RE: Regional Flood Planning Grant Contract for Region 15 Lower Rio Grande with Hidalgo County Drainage District No. 1; Contract No. 2401792841, Technical Memorandum Administrative Completeness and **Notice to Proceed for Task 5A**

Dear Jaime Salazar:

Staff members of the Texas Water Development Board (TWDB) have completed their initial review of the Technical Memorandum under the above referenced contract and found the deliverable to be administratively complete. The Region 15 Lower Rio Grande RFPG is hereby notified to proceed with work set forth in the Regional Flood Planning Grant Contract Scope of Work Task 5A – Recommendation of Flood Management Evaluations, Flood Mitigation Projects, and Flood Management Strategies.

- Task 5A – Recommendation of FMEs, FMPs, and FMSs
- Requires NTP from TWDB – Received February 6, 2026
- Task 5A.1 – Recommend Flood Management Evaluations
 - Most likely to result in feasible FMSs and FMPs to mitigate 1% flood event, at a minimum, and support floodplain management goals



TECHNICAL CONSULTANT UPDATE – TASK 5A

- A total of **495** recommended FMEs for the first cycle only; FMEs from second cycle will be addressed in future meeting (along with FMSs and FMPs)
- Recommending to remove **124** FMEs from the list, based on the following reasons:
 - 31 FMEs were already implemented
 - 11 FMEs were elevated to FMPs
 - 24 FMEs are part of Task 4C and 5B
 - 47 FMEs overlap with other FMXs
 - 11 FMEs do not meet criteria or outdated
- List of 495 FMEs from cycle 1 along with recommendation is posted on Region 15 website for review and comment



TECHNICAL CONSULTANT UPDATE – TASK 4C

Selected FMEs for performance under Task 4C (Approved by RFPG on 3/18/26):

- City of Primera - Develop flood risk maps for the City of Primera and develop CIP”
- City recently adopted a Master Drainage Plan that included 10 storm sewer improvement projects. However, projects do not have sufficient information to incorporate as FMPs (missing no negative impact analysis and BCA)



Progress Update:

- Work in progress
 - Digitized storm sewer system from MDP (existing and proposed conditions)
 - Finalizing existing condition model



TECHNICAL CONSULTANT UPDATE – TASK 4C

Selected FMEs for performance under Task 4C (Approved by RFPG on 3/18/26):

- City of Brownsville Action #17 – Assess culverts on rural roads and main stream outfalls at 1) Central Ave. to Martinal; 2) Robindale to Old Port Isabel Rd.; 3) Dana/FM 802 to Hugh Emerson; 4) Pablo Kisel from Morrison to Alton Gloor



Progress Update:

- Halff performed initial assessment of targeted culverts utilizing Brownsville to Port Isabel HUC-10 FIF model – determined that flooding issues did not appear to be tied to undersized culverts
- Halff met with City of Brownsville staff in April; several culverts have already been improved – **FME no longer necessary, remove from Region 15 Plan**



TECHNICAL CONSULTANT UPDATE – TASK 4C

Selected FMEs for performance under Task 4C (Approved by RFPG on 3/18/26):

- HCDD1 – Seminary Regional Detention Facility BP 20
- HCDD1 – Engleman Detention Pond/Reservoir



Hidalgo County
DRAINAGE DISTRICT No. 1

Progress Update:

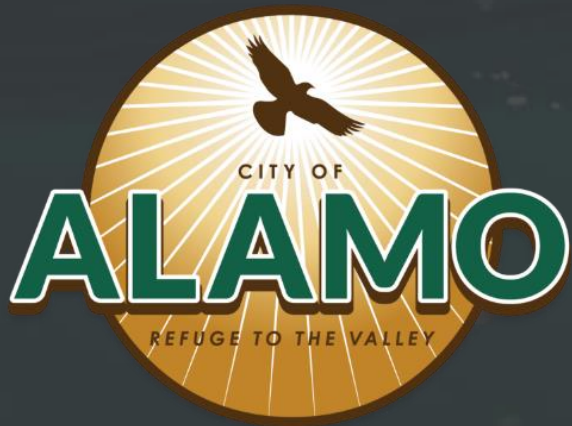
- Halff met with HCDD1 staff to discuss both projects and request additional project info
- H&H modeling of proposed improvements in progress



TECHNICAL CONSULTANT UPDATE – TASK 4C

Selected FMEs for performance under Task 4C (Approved by RFPG on 3/18/26):

- City of Alamo – Alamo completed MDP in 2022 with proposed projects but don't meet FMP requirements; need supporting models for no negative impact assessment, BCAs



Progress Update:

- Work in progress
 - Leverage existing conditions model from GLO River Basin Flood Study
 - Work initiated to update existing conditions model with additional existing storm sewer (as needed) and begin modeling proposed projects



TECHNICAL CONSULTANT UPDATE – TASK 4C

Additional potential FMEs (in order of ranking after screening) to evaluate for possible performance under Task 4C (contingent on budget/schedule):

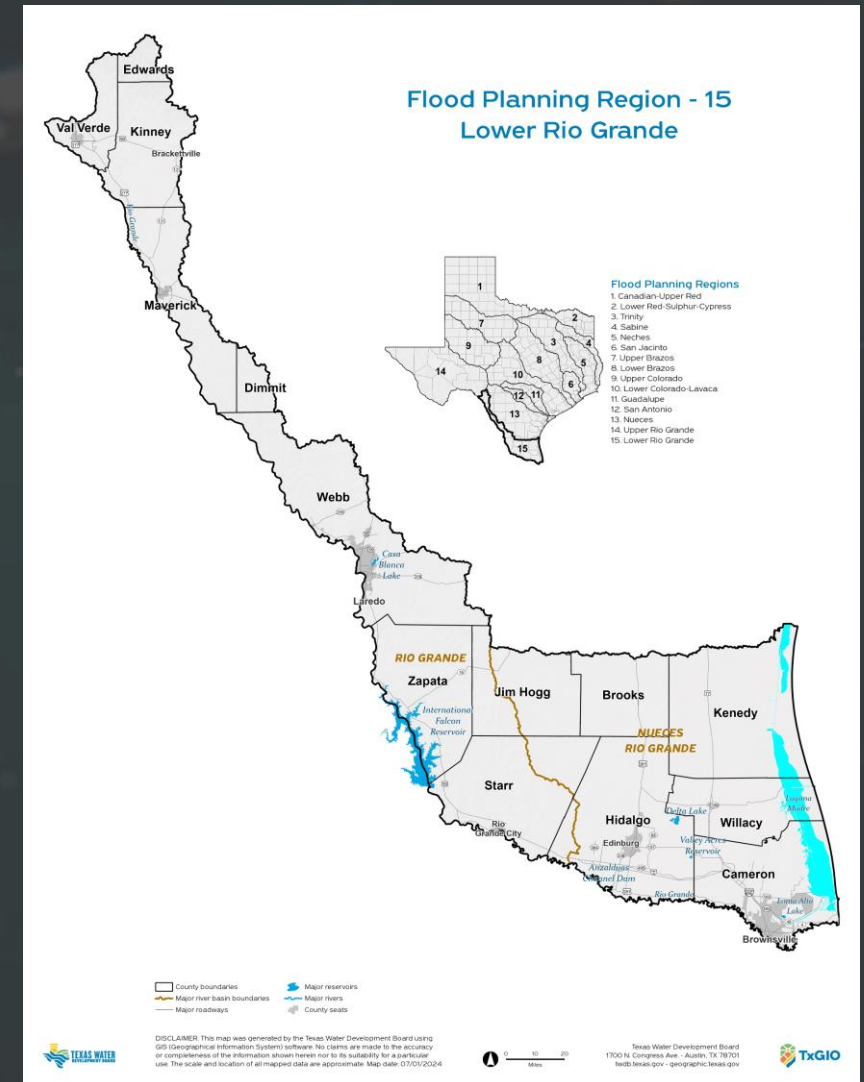
1. City of Brownsville – North Airport Drainage Improvements (need to investigate potential overlap with recently submitted FMP from LRGVDC FIF study)
2. HCDD1 - Donna Irrigation Canal widening
3. City of Brownsville – Central Blvd/Stovall Rd. Connection Improvements
4. City of Brownsville – Action #16 (North side weir)
5. HCDD1 - International & E. Mile 5 N Improvements
6. HCDD1 – Southwest Weslaco No. 76
7. Cameron County – Reba-Bass Lake Drainage Improvements
8. City of Hidalgo – South 15th Street Storm Drainage

Agenda Item 8

- Discussion and possible action on additional FME's for technical consultant to perform (Task 4C) – **Contingent on budget and schedule**
 1. City of Brownsville – North Airport Drainage Improvements (need to investigate potential overlap with recently submitted FMP from LRGVDC FIF study)
 2. HCDD1 - Donna Irrigation Canal widening
 3. City of Brownsville – Central Blvd/Stovall Rd. Connection Improvements
 4. City of Brownsville – Action #16 (North side weir)
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 6. HCDD1 – Southwest Weslaco No. 76
 7. Cameron County – Reba-Bass Lake Drainage Improvements
 8. City of Hidalgo – South 15th Street Storm Drainage

Agenda Item 9

- Discussion and possible action on Ch. 1 Planning Area Description
 - Black & Veatch presented Chapter 1 findings during the August 20, 2025, RFPG meeting
 - A draft of Chapter 1 was posted on the Region 15 website for public and RFPG review on March 11, 2026



Look Ahead

- Task 4C – Continued work on performance of FMEs (Task 4C)
- Finalize Draft Chapters for Tasks 2-3 for review/approval at upcoming meetings
- Discuss Tasks 7-9 in upcoming meetings
 - Task 7 – Flood Response Information and Activities
 - Task 8 – Administrative, Regulatory, and Legislative Recommendations
 - Task 9 – Flood Infrastructure Financing Analysis