

LOWER RIO GRANDE REGIONAL FLOOD PLANNING GROUP MEETING

February 19, 2025

Technical Consultant
Agenda Items 8-12

AGENDA

- ❑ Agenda Item 8 – Discussion and presentation on data collection survey and interactive map for region 15 stakeholders
- ❑ Agenda Item 9 – Discussion and presentation on FMXs submitted for the 2023 Plan Amendment
- ❑ Agenda Item 10 - Requesting approval to incorporate submitted FMXs into the 2023 plan amendment
- ❑ Agenda Item 11 – Discussion and approval to authorize the RFPG Sponsor Hidalgo County Drainage District No. 1 (HCDD1) to execute an amendment to the contract
- ❑ Agenda Item 12 – Consider date for the Second Preplanning Meeting



Agenda Item 8

Data Collection Survey and Interactive Map



LOWER RIO GRANDE BASIN DATA COLLECTION

Questionnaire and Web Map for Community Representatives

- Individuals with flood-related responsibilities
 - County and Community officials and staff
 - Federal, State, Regional, and Local Authorities, Utilities, and Districts

Community Representative?

Community Stakeholders in the RFPG process include individuals with flood-related responsibilities, such as County and Community officials and Staff as well as Federal, State, regional, and local authorities, utilities and districts.

By registering with your email address and creating a password, you can help provide the RFPGs with localized knowledge of flood planning resources and validate a wide array of flood risk data. Through this data collection effort, the RFPG is requesting community stakeholders:

- Provide information about your contact information and flood-related responsibilities.
- Respond to questions to support the development of the second regional flood plan.
- Verify and provide geospatial data through a provided web map.

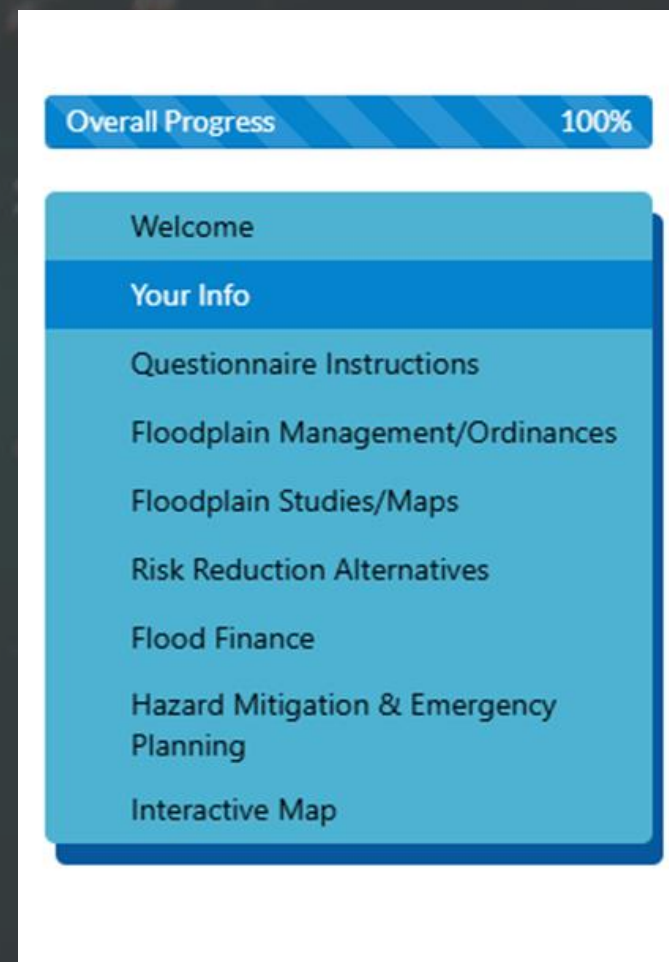
The RFPG appreciates any information you are able to verify and provide with the understanding that it may not be possible to provide response to all items.

[Entity Login](#)



LOWER RIO GRANDE BASIN DATA COLLECTION - QUESTIONNAIRE

- Questionnaire Includes 5 Sections with 21 total questions
 - Floodplain Management/Ordinances
 - Floodplain Studies/Maps
 - Risk Reduction Alternatives
 - Flood Finance
 - Hazard Mitigation & Emergency Planning
- Interactive Map





LOWER RIO GRANDE BASIN DATA COLLECTION

Submit Flood Area Locations

- General public
- Organizations/Groups
- Non-profit & non-governmental organizations
- Allows for records of flood risk areas to aid flood planning efforts

Member of the Public?

Public Stakeholders in the RFGP process include general public individuals, groups, and organizations including non-profit and non-governmental organizations with an interest in providing information to support flood planning efforts.

By providing your name, address, and email address, you can help provide the RFGP with localized knowledge of flood prone areas and areas where flood mitigation is needed. Your contact information is used to document who is providing information in case we have any follow-up questions.

Once you enter your information, an interactive web map of the region will open. A search feature in the lower right corner of the map enables you to zoom to a particular address. Using the add feature tool, you can leave one or more location pins including a comment or description about flood issues/concerns.

Name	<input type="text"/>
Address	<input type="text"/>
Email	<input type="text"/>

[Take me to the map](#)



LOWER RIO GRANDE BASIN DATA COLLECTION

Submitting Flooding Areas Data

1075 Pasadero Dr, Brownsville, TX, 78526, USA

1075 Palm Ln, Brownsville, TX, 78526, USA

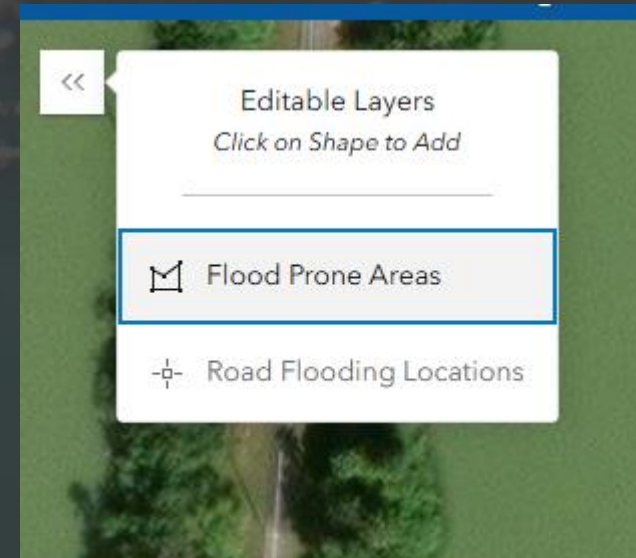
1075 Paredes Line Rd, Brownsville, TX, 78521, USA

1075 Pablo Garcia Dr, Brownsville, TX, 78520, USA

1075 Palm Blvd, Brownsville, TX, 78520, USA

1075 Paredes Line Rd, Br

Enter address of flood risk area



Flood Prone Areas

Creates a polygon on the flood prone area

Road Flooding Locations

Creates a point on a road which has flooding issues



LOWER RIO GRANDE BASIN DATA COLLECTION

Submitting Flooding Areas Data-Road Flooding

Public Web Map Web Map Instructions

Editable Layers
Click on Shape to Add

- Flood Prone Areas
- Road Flooding Locations

Road Flooding Questions

Zoom to

1. How often does the area flood?
No Value

2. Does this crossing have a common/colloquial name?

3. Do you have any other comments?
Provide your feedback

1075 Paredes Line Rd, Br



LOWER RIO GRANDE BASIN DATA COLLECTION

Submitting Flooding Areas Data-Flood Prone Areas

Public Web Map Web Map Instructions

Editable Layers
Click on Shape to Add

- Flood Prone Areas
- Road Flooding Locations

Flood Prone Area Questions

Zoom to

1. How often does the area flood?

No Value

2. Do you have any other comments?

Provide your feedback

Submit

1075 Paredes Line Rd, Brc

Powered by Esri



Agenda Item 9

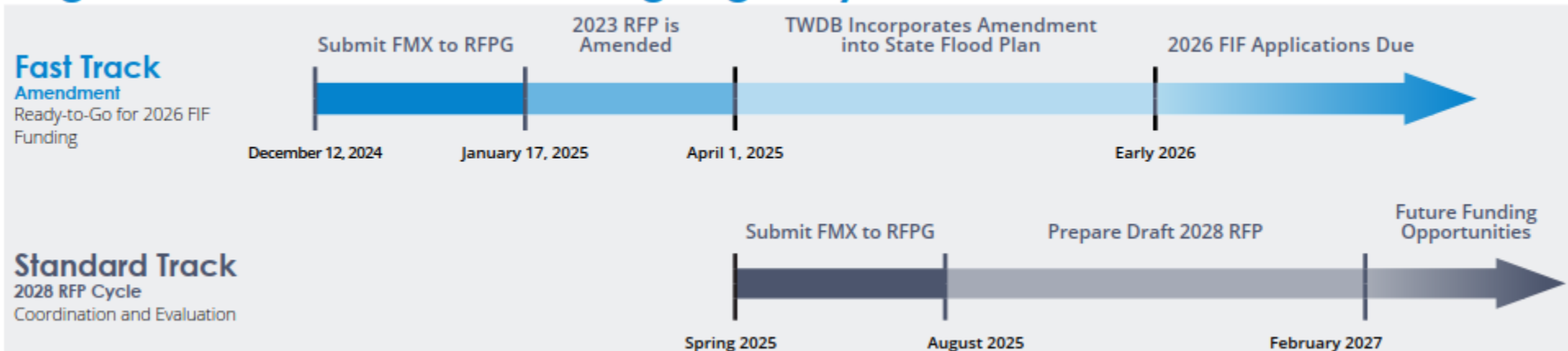
FMXs submitted for the 2023 Plan Amendment



PLAN AMENDMENT OUTREACH

- Halff prepared informational flyer and submittal checklist that was distributed to over 100 stakeholders across 14 county planning region
- Engaged the Lower Rio Grande Valley Stormwater Taskforce to assist with outreach
- Over 125 points of contact (excluding initial mass e-were made with region stakeholders via phone calls, e-mails, and meetings

Region 15 Path to State Funding Eligibility



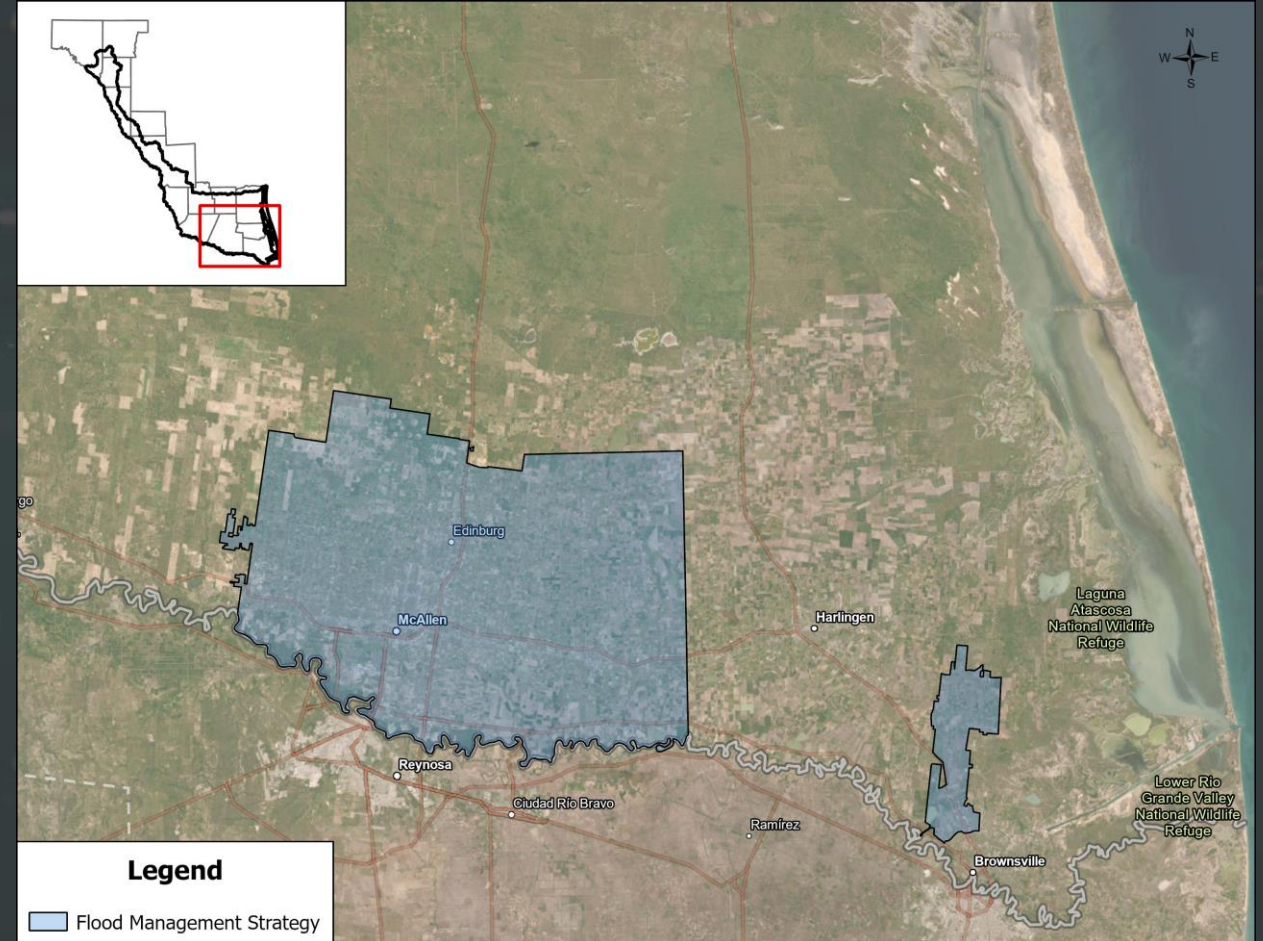
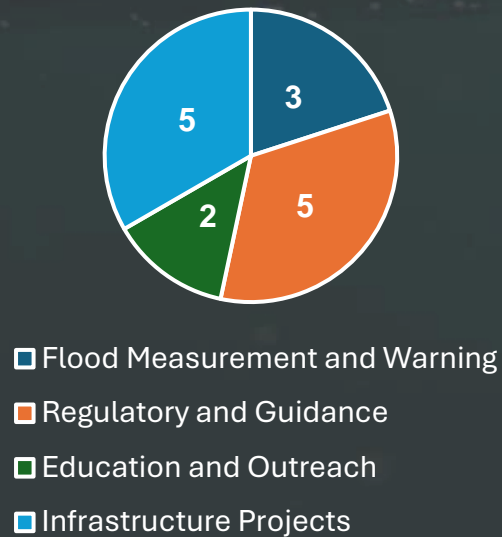


REGION 15 – LOWER RIO GRANDE FMS

Entities Submitting FMS:

- Hidalgo County Drainage District #1 (14)
- Cameron County Irrigation District #6 (1)

FMS Submitted by Type





2024 REGION 15 FLOOD PLAN

Submitted FMSs for Amended RFP

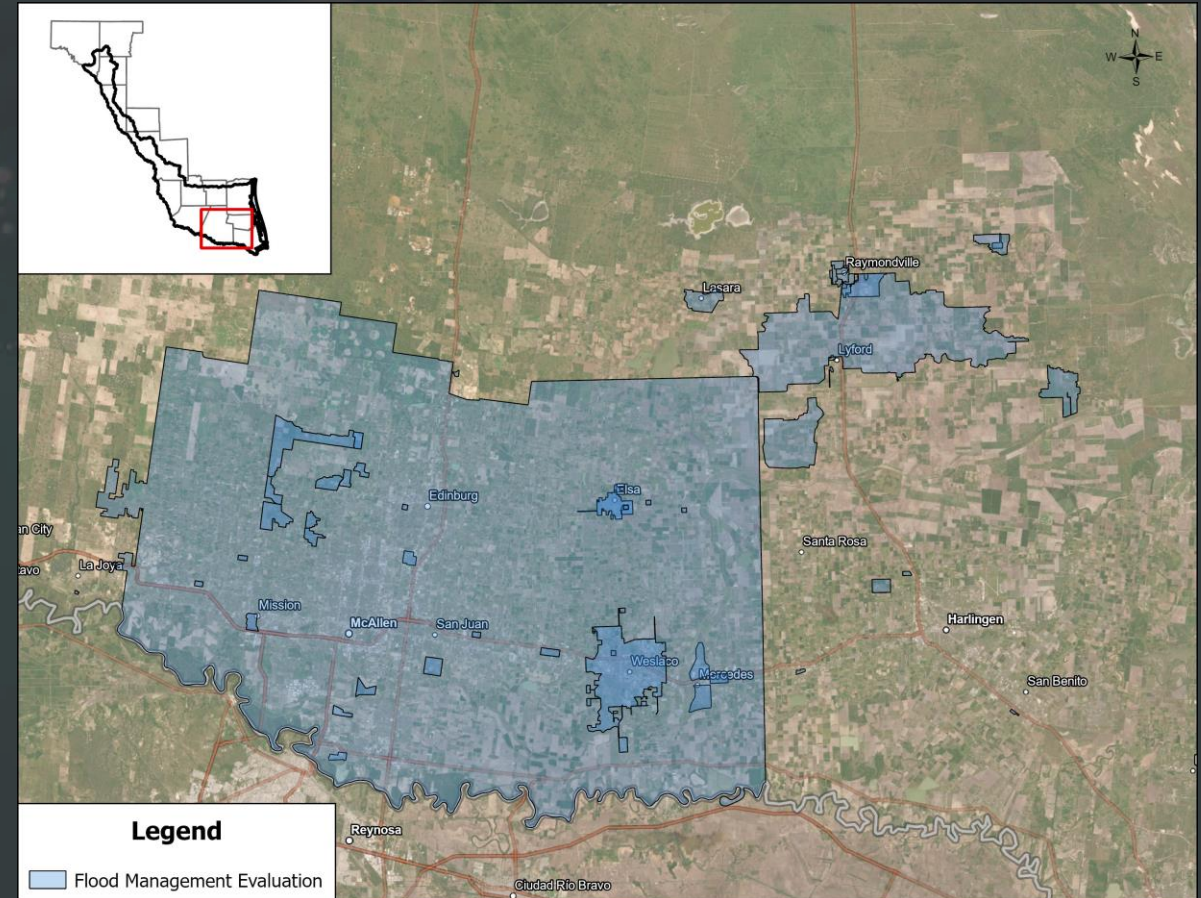
FMS Type	FMS Description	# of Potential FMSs Identified	# of FMSs Recommended	Total Cost of Recommended FMSs
Education and Outreach	NFIP Education; Flood Education; Floodplain Regulatory Awareness; Emergency Contact Awareness	2	2	\$700,000
Flood Measurement and Warning	Flood Warning Systems; Mass Notifications during Natural Hazard Incidents; Dam Inundation Studies	3	3	\$541,050
Infrastructure Projects	Assessments for flood proofing, building a shelter; funding plan for dredging plan	5	5	\$15,500,000
Regulatory and Guidance	City Floodplain Ordinance Creation/Updates; Zoning Regulations; Land Use Programs	5	5	\$1,095,000
Other	Funding Plans; Formation or union with Drainage District; Renegotiation of Agreements; Levee Recertification Alliances	0	0	\$0
Total		15	15	\$17,836,050



REGION 15 – LOWER RIO GRANDE FME

Entities Submitting FME:

- City of Alamo (1)
- City of Alton (1)
- City of Combes (1)
- City of Donna (1)
- City of Edcouch (1)
- City of Edinburg (2)
- City of Elsa (4)
- City of Hidalgo (1)
- City of La Feria (1)
- City of La Joya (1)
- City of La Villa (1)
- City of Lyford (2)
- City of McAllen (11)
- City of Mercedes (3)
- City of Mission (1)
- City of Palmhurst (1)
- City of Palmview (1)
- City of Primera (1)
- City of Raymondville (10)
- City of San Benito (1)
- City of San Juan (1)
- City of San Perlita (1)
- City of Weslaco (2)
- Hidalgo County Drainage District #1 (7)
- County of Willacy (5)



Submitted FMEs



2024 REGION 15 FLOOD PLAN

Submitted FMEs for Amended RFP

FME Type	# of Potential FMEs Identified	# of FMEs Recommended	Total Cost of Recommended FMEs
Watershed Planning	0	0	\$0
Engineering Project Planning	62	62	\$22,281,000
Preliminary Engineering	0	0	\$0
Total	62	62	\$22,281,000

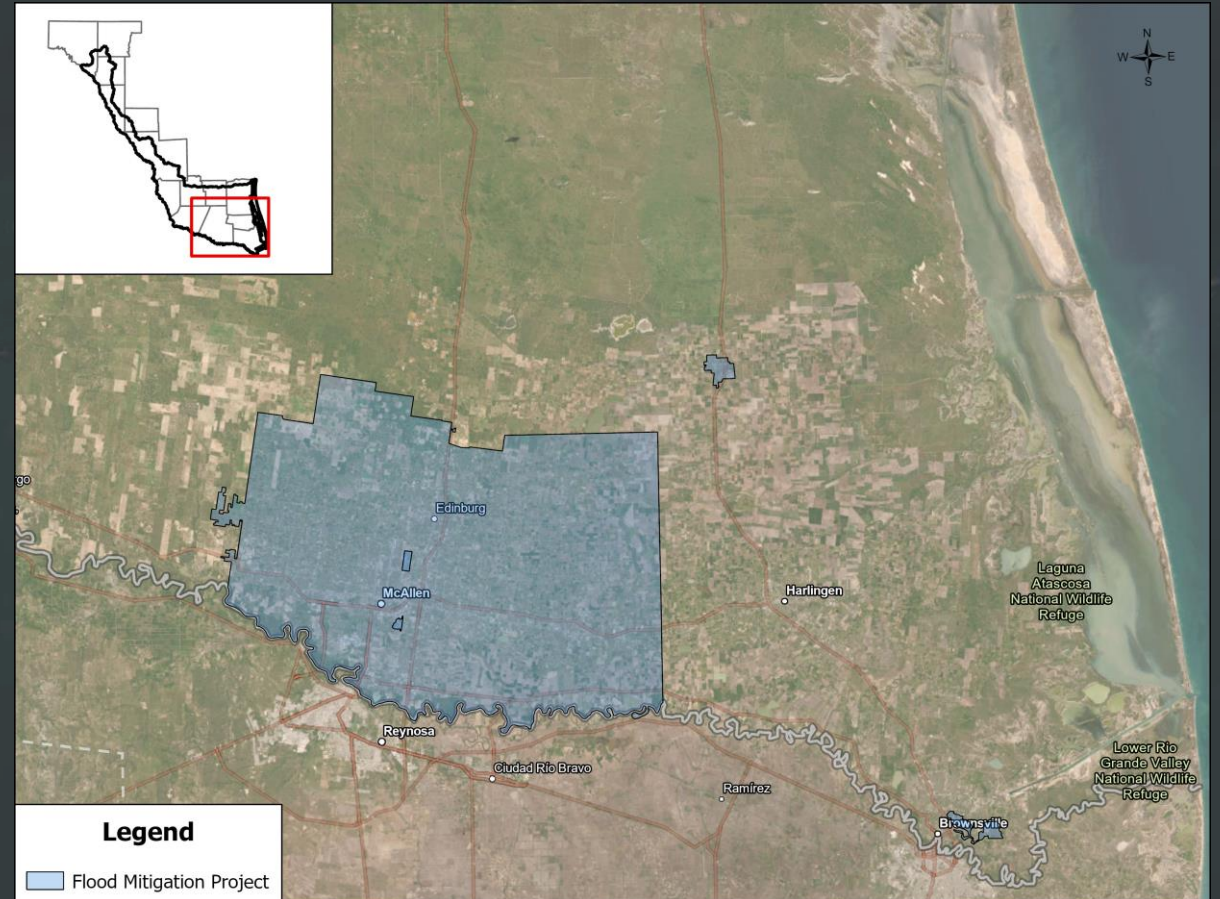
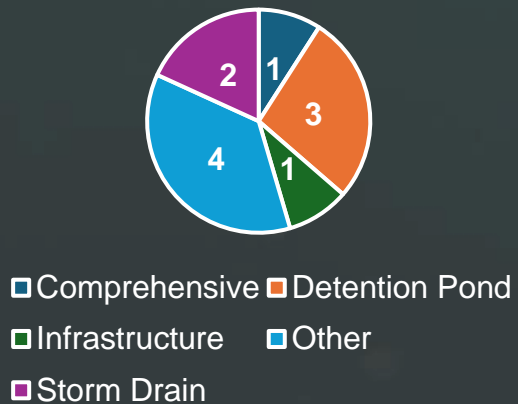


REGION 15 – LOWER RIO GRANDE FMP

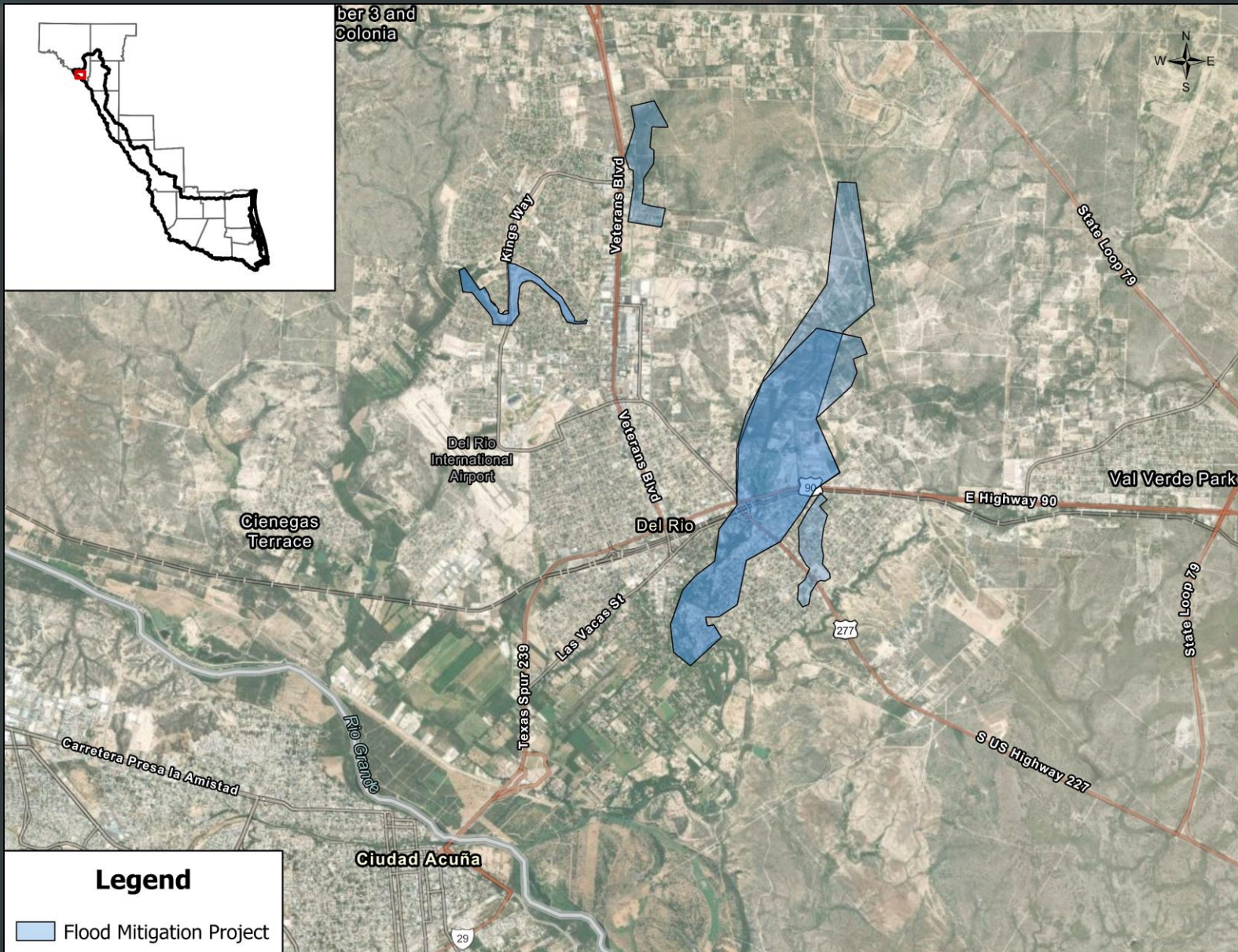
Entities Submitting FMP:

- City of Brownsville (1)
- City of Del Rio (6)
- City of McAllen (2)
- Hidalgo County Drainage District #1 (2) *

FMP Submitted By Type



Brownsville, McAllen, Raymondville, HCDD1, FMPs





2024 REGION 15 FLOOD PLAN

Submitted FMPs for Amended RFP

FMP Type	# of Potential FMPs Identified	# of FMPs Recommended	Total Cost of Recommended FMPs
Comprehensive	1	1	\$40,700,000
Detention Pond	3	3	\$49,872,361
Infrastructure	1	1	\$1,032,499
Storm Drain	2	2	\$14,440,255
Other	4*	4*	\$7,967,309*
Total	11*	11*	\$114,012,424*



Agenda Item 10

Requesting approval to incorporate submitted FMXs into the 2023 plan amendment



Agenda Item 11

**Discussion and Approval to
authorize the RFPG Sponsor
HCDD1 to execute an
amendment to the contract
with TWDB to extend the
interim submittal deadlines
for 2028 Regional Flood
Plans**



REGION 15 – TWDB PROPOSED DELIVERABLE SCHEDULE CHANGES

Technical Memorandum

- Current: September 19, 2025
- Proposed: January 7, 2026 (Wednesday)

List of FME to be performed by TWDB

- Current: January 26, 2026
- Proposed: March 26, 2026 (Thursday)

Draft Plans

- Current: February 26, 2027
- Proposed: May 26, 2027 (Wednesday)

Final Plan Deadline

- January 10, 2028 (Monday)



Agenda Item 12

Consider date for the Second Preplanning Meeting

Pre-Planning Meeting Requirements

- Each RFPG is required to have at least two pre-planning meetings at the beginning of each planning cycle
 - First one was held on 12/4/25
- Meetings shall
 - Provide background on the Regional Flood Planning Process
 - Gather suggestions and recommendations as to issues, provisions, projects, and strategies that should be considered in the development of the regional flood plan