

TABLE 15: FLOOD MANAGEMENT EVALUATIONS RECOMMENDED BY RFPG

Table 15: Potential Flood Management Evaluations Identified by RFPG

| FME ID | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Entities with Oversight | Emergency Need | Estimated Study Cost | RFPG Recommendation (Y/N) | Reason for Recommendation | Construction Cost |
|----------|--------------------------------|--|--------------------|----------|----------|----------------------------|----------------|---|-----------------|-----------------------|---------------|-------------------------|----------------|----------------------|---------------------------|--|-------------------|
| 15100001 | Brooks County | Develop Flood risk maps for the county of Brooks | 15000019, 15000020 | Brooks | 12110207 | | | Flood Risk Modeling/ Mapping | 685.7 | | Brooks County | Brooks County | Yes | \$ 250,000.00 | Yes | Meets TWDB & RFPG criteria for FMEs. Identified as a mapping gap. | |
| 15100002 | Bayview Action #6 | Upgrade three roadway bridges and one footbridge including structural improvements and stabilization to reduce damages caused by flooding and high winds | 1500005, 1500006 | Cameron | 12110208 | 121102080800, 121102080900 | | Flood Mitigation Alternatives Analysis/ Feasibility Study | | Urban/local, Riverine | Bayview | Bayview | Yes | \$ 370,000.00 | Yes | Meets TWDB & RFPG criteria for FMEs | \$ 2,464,000.00 |
| 15100003 | City of Brownsville Action #1 | Upgrade and increase culverts at specific locations in City in order to adequately convey storm water. Selected locations including Boca Chica Blvd. area, International Blvd., North Main drainage ditch | 1500005, 1500006 | Cameron | 12110208 | 121102080800, 121102080900 | | Flood Mitigation Alternatives Analysis/ Feasibility Study | | Urban/local, Riverine | Brownsville | Brownsville | Yes | \$ 396,000.00 | No | Need more information to determine need and whether it meets TWDB and RFPG criteria for FME. Brownsville has current Category 1 FIF study. | \$ 2,640,000.00 |
| 15100004 | City of Brownsville Action #16 | Construct a weir to prevent flood risk from the overflow of canals located on the North side of Brownsville | 1500005, 1500006 | Cameron | 12110208 | 121102080800, 121102080900 | | Flood Mitigation Alternatives Analysis/ Feasibility Study | | Urban/local, Riverine | Brownsville | Brownsville | Yes | \$ 39,000.00 | No | Need more information to determine need and whether it meets TWDB and RFPG criteria for FME. Brownsville has current Category 1 FIF study. | \$ 260,489.00 |
| 15100005 | City of Brownsville Action #17 | Construct and/or expand culverts on rural roads and main stream outfalls. Locations include: 1) Central Ave to Martinelle; 2) Robindale to Old Place ; 3) Dana 802 to High Emerson ; 4) Pablo Kisel from Morrison to Alton Gloor | 1500005, 1500006 | Cameron | 12110208 | 121102080800, 121102080900 | | Flood Mitigation Alternatives Analysis/ Feasibility Study | | Urban/local, Riverine | Brownsville | Brownsville | Yes | \$ 99,000.00 | No | Need more information to determine need and whether it meets TWDB and RFPG criteria for FME. Brownsville has current Category 1 FIF study. | \$ 660,000.00 |
| 15100006 | City of Brownsville Action #24 | Improve drainage and replace or upgrade gutters at City Plaza buildings | 1500007, 1500008 | Cameron | 12110208 | 121102080800, 121102080900 | | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.1 | Urban/Local, Riverine | Brownsville | Brownsville | Yes | \$ 20,000.00 | No | Need more information to determine need and whether it meets TWDB and RFPG criteria for FME. Brownsville has current Category 1 FIF study. | \$ 132,000.00 |
| 15100007 | Indian Lake Action #1 | Elevate and harden S Resaca Shore Drive bridge to reduce risk of damages and maintaining critical access route | 1500005, 1500006 | Cameron | 12110208 | 121102080900 | | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.21 | Urban/local, Riverine | Indian Lakes | Indian Lakes | Yes | \$ 92,000.00 | Yes | Evacuation route and access to critical facilities are impacted. Meets TWDB & RFPG criteria for FMEs. Further discussions with City may combine similar FMEs to city-wide study. | \$ 616,000.00 |
| 15100008 | Indian Lake Action #12 | Upgrade/Elevate Henderson Road bridge over Resaca to remove from potential floodway, reduce the risk of damages, and maintain critical access route | 1500005, 1500006 | Cameron | 12110208 | 121102080900 | | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.16 | Urban/local, Riverine | Indian Lakes | Indian Lakes | Yes | \$ 185,000.00 | Yes | Evacuation route and access to critical facilities are impacted. Meets TWDB & RFPG criteria for FMEs. Further discussions with City may combine similar FMEs to city-wide study. | \$ 1,232,000.00 |
| 15100009 | Indian Lake Action #17 | Upgrade shoulders and provide turnouts along Henderson Road to support evacuation route | 1500005, 1500006 | Cameron | 12110208 | 121102080900 | | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.78 | Urban/local, Riverine | Indian Lakes | Indian Lakes | Yes | \$ 20,000.00 | Yes | Evacuation route and access to critical facilities are impacted. Meets TWDB & RFPG criteria for FMEs. Further discussions with City may combine similar FMEs to city-wide study. | \$ 61,600.00 |
| 15100010 | Indian Lake Action #18 | Harden critical facilities, to include the Town Hall/Police Station, to reduce or eliminate wind, hail, and flood damage and ensure continuity of emergency services | 1500009, 1500010 | Cameron | 12110208 | 121102080900 | | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.5 | Urban/local, Riverine | Indian Lakes | Indian Lakes | Yes | \$ 28,000.00 | Yes | Evacuation route and access to critical facilities are impacted. Meets TWDB & RFPG criteria for FMEs. Further discussions with City may combine similar FMEs to city-wide study. | \$ 184,800.00 |
| 15100011 | Laguna Vista Action #1 | Drainage improvements Basin "B": Install upgraded drainage system for 80 acre residential area. Current system is inadequate to carry storm water runoff | 1500005, 1500006 | Cameron | 12110208 | 121102080800, 121102080900 | | Flood Mitigation Alternatives Analysis/ Feasibility Study | | Urban/local, Riverine | Laguna Vista | Laguna Vista | Yes | \$ 924,000.00 | No | Need more information to determine if it meets TWDB and RFPG criteria for FME | \$ 6,160,000.00 |
| 15100012 | Laguna Vista Action #10 | Drainage Improvements: Harden and reinforce head wall along the Laguna Madre bay off Beach Boulevard | 1500005, 1500006 | Cameron | 12110208 | 121102080800, 121102080900 | | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.41 | Urban/local, Riverine | Laguna Vista | Laguna Vista | Yes | \$ 924,000.00 | Yes | Evacuation route and access to critical facilities are impacted. Meets TWDB & RFPG criteria for FMEs. Further discussions with City may combine similar FMEs to city-wide study. | \$ 6,160,000.00 |
| 15100013 | Laguna Vista Action #11 | Drainage Improvements: Upgrade 48" drainage pipe located at 1004 Beach Blvd to increase capacity and reduce risk of flood damages | 1500005, 1500006 | Cameron | 12110208 | 121102080800, 121102080900 | | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.01 | Urban/local, Riverine | Laguna Vista | Laguna Vista | Yes | \$ 92,000.00 | Yes | Evacuation route and access to critical facilities are impacted. Meets TWDB & RFPG criteria for FMEs. Further discussions with City may combine similar FMEs to city-wide study. | \$ 616,000.00 |
| 15100014 | Laguna Vista Action #12 | Drainage Improvements: Relocate and upgrade existing 36" drainage pipe located at 1026 Beach Blvd to increase capacity and reduce risk of flood damages | 1500005, 1500006 | Cameron | 12110208 | 121102080800, 121102080900 | | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.01 | Urban/local, Riverine | Laguna Vista | Laguna Vista | Yes | \$ 92,000.00 | Yes | Evacuation route and access to critical facilities are impacted. Meets TWDB & RFPG criteria for FMEs. Further discussions with City may combine similar FMEs to city-wide study. | \$ 616,000.00 |
| 15100015 | Laguna Vista Action #19 | Harden Town Hall with wind, hail, and flood mitigation measures to reduce damages and ensure continuity of services | 1500005, 1500006 | Cameron | 12110208 | 121102080800, 121102080900 | | Flood Mitigation Alternatives Analysis/ Feasibility Study | | Urban/local, Riverine | Laguna Vista | Laguna Vista | Yes | \$ 18,000.00 | Yes | Evacuation route and access to critical facilities are impacted. Meets TWDB & RFPG criteria for FMEs. Further discussions with City may combine similar FMEs to city-wide study. | \$ 123,200.00 |
| 15100016 | Laguna Vista Action #2 | Drainage improvements Basin "C": Install upgraded drainage system for 60 acre residential area. Current system is inadequate to carry storm water runoff. | 1500005, 1500006 | Cameron | 12110208 | 121102080800, 121102080900 | | Flood Mitigation Alternatives Analysis/ Feasibility Study | | Urban/local, Riverine | Laguna Vista | Laguna Vista | Yes | \$ 924,000.00 | No | Need more information to determine if it meets TWDB and RFPG criteria for FME. Further discussions with City may combine similar FMEs to city-wide study. | \$ 6,160,000.00 |

TABLE 15: FLOOD MANAGEMENT EVALUATIONS RECOMMENDED BY RFPG

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| Project ID | Project Name | Description | Project Number | County | Year | Priority | Study Type | Population | Area | Location | Impact | Cost | Notes | Total Cost | | |
|------------|-------------------------|--|------------------------------------|---------|----------|----------------------------|---|------------|-----------------------|--------------|--------------|------|-----------------|------------|--|------------------|
| 151000017 | Laguna Vista Action #3 | Drainage improvements Basin "D": Install upgraded drainage system west side of State Highway 510 for 80 acre residential area. Current system is inadequate to carry storm water runoff. | 1500005, 1500006 | Cameron | 12110208 | 121102080800, 121102080900 | Flood Mitigation Alternatives Analysis/ Feasibility Study | 1.87 | Urban/local, Riverine | Laguna Vista | Laguna Vista | Yes | \$ 924,000.00 | Yes | Evacuation route and access to critical facilities are impacted. Meets TWDB & RFPG criteria for FMEs. Further discussions with City may combine similar FMEs to city-wide study. | \$ 6,160,000.00 |
| 151000018 | Laguna Vista Action #4 | Drainage improvements Basin "E": Install upgraded drainage system off Saunders Street and State Highway 510 that drains acreage south of Fernandez Street and north of Morris Street | 1500005, 1500006 | Cameron | 12110208 | 121102080800, 121102080900 | Flood Mitigation Alternatives Analysis/ Feasibility Study | | Urban/local, Riverine | Laguna Vista | Laguna Vista | Yes | \$ 924,000.00 | Yes | Evacuation route and access to critical facilities are impacted. Meets TWDB & RFPG criteria for FMEs. Further discussions with City may combine similar FMEs to city-wide study. | \$ 6,160,000.00 |
| 151000019 | Laguna Vista Action #5 | Drainage improvements Basin "F": Install drainage system at the most southwestern part of the Town limits, bounded by State Highway 100 and State Highway 510. | 1500005, 1500006 | Cameron | 12110208 | 121102080800, 121102080900 | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.18 | Urban/local, Riverine | Laguna Vista | Laguna Vista | Yes | \$ 924,000.00 | Yes | Evacuation route and access to critical facilities are impacted. Meets TWDB & RFPG criteria for FMEs. Further discussions with City may combine similar FMEs to city-wide study. | \$ 6,160,000.00 |
| 151000020 | Laguna Vista Action #6 | Drainage improvements SH 100: Regrade the existing drainage ditch that parallels State Highway 100 to increase capacity and reduce risk of flooding | 1500005, 1500006 | Cameron | 12110208 | 121102080800, 121102080900 | Flood Mitigation Alternatives Analysis/ Feasibility Study | 13.5 | Urban/local, Riverine | Laguna Vista | Laguna Vista | Yes | \$ 370,000.00 | Yes | Evacuation route and access to critical facilities are impacted. Meets TWDB & RFPG criteria for FMEs. Further discussions with City may combine similar FMEs to city-wide study. | \$ 2,464,000.00 |
| 151000021 | Laguna Vista Action #7 | Drainage improvements: Upgrade the drainage system on the intersection of Broadway and Palo Blanco to increase capacity and reduce risk of flooding | 1500005, 1500006 | Cameron | 12110208 | 121102080800, 121102080900 | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.01 | Urban/local, Riverine | Laguna Vista | Laguna Vista | Yes | \$ 370,000.00 | Yes | Evacuation route and access to critical facilities are impacted. Meets TWDB & RFPG criteria for FMEs. Further discussions with City may combine similar FMEs to city-wide study. | \$ 2,464,000.00 |
| 151000022 | Laguna Vista Action #8 | Drainage Improvements: Upgrade the drainage system on Holley Beach to increase capacity and reduce risk of flooding | 1500005, 1500006 | Cameron | 12110208 | 121102080800, 121102080900 | Flood Mitigation Alternatives Analysis/ Feasibility Study | 3.99 | Urban/local, Riverine | Laguna Vista | Laguna Vista | Yes | \$ 370,000.00 | No | Need more information to determine if it meets TWDB and RFPG criteria for FME. Further discussions with City may combine similar FMEs to city-wide study. | \$ 2,464,000.00 |
| 151000023 | Laguna Vista Action #9 | Drainage Improvements: Upgrade and harden drainage structure on Town-owned marina to increase capacity and reduce risk of damages | 1500005, 1500006 | Cameron | 12110208 | 121102080800, 121102080900 | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.51 | Urban/local, Riverine | Laguna Vista | Laguna Vista | Yes | \$ 554,000.00 | No | Need more information to determine if it meets TWDB and RFPG criteria for FME. Further discussions with City may combine similar FMEs to city-wide study. | \$ 3,696,000.00 |
| 151000024 | Los Fresno's Action #13 | Upgrade culverts and install drainage improvements at various locations to increase capacity and reduce risk of flood damages. Purchase trailer mounted water trash pump to reduce or eliminate flooding. Drainage Improvement locations: Drainage Ditch South of Highway 100 causes flooding on East Fifth Street, East Sixth Street, East Seventh Street, East Eighth Street, East Ninth Street and East Tenth Street. South Nogal Street Causes Flooding on West First Street, West Second Street, West Third Street, Valle Alto Street & Bougainvillea Street, Jacqueline Street & North Canal Street Drain Pipe Collapse, Olmo Street from West Eighth Street to West Tenth Street, Holly Lane Drain Under Canal, Pasto Drive at California Road Drain Under Canal, and Resaca Escondido Drain Pipe Collapse. The following Resaca Crossings are Too Low: Henderson Road East Side, Henderson Road West Side, and Whipple Road West Side. | 1500005, 1500006 | Cameron | 12110208 | 121102080800, 121102080900 | Flood Mitigation Alternatives Analysis/ Feasibility Study | 1.4 | Urban/local, Riverine | Los Fresnos | Los Fresnos | Yes | \$ 1,848,000.00 | Yes | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 12,320,000.00 |
| 151000025 | Los Fresnos Action #14 | Elevate or acquire and demolish flood-prone structures | 1500031, 1500032 | Cameron | 12110208 | 121102080800, 121102080900 | Flood Mitigation Alternatives Analysis/ Feasibility Study | | Urban/local, Riverine | Los Fresnos | Los Fresnos | Yes | \$ 185,000.00 | No | Need more information to determine if it meets TWDB and RFPG criteria for FME | \$ 1,232,000.00 |
| 151000026 | Los Fresnos Action #31 | Deepen drainage area in Resaca Escondido and Falcon Lake to increase storm water retention capacity | 1500007, 1500008 | Cameron | 12110208 | 121102080800, 121102080900 | Flood Mitigation Alternatives Analysis/ Feasibility Study | | Urban/local, Riverine | Los Fresnos | Los Fresnos | Yes | \$ 185,000.00 | No | Need more information to determine if it meets TWDB and RFPG criteria for FME | \$ 1,232,000.00 |
| 151000027 | Port Isabel Action #19 | Elevate and widen coastal roads as well as evacuation routes to reduce risk of flood damages and maintain emergency access | 1500005, 1500006 | Cameron | 12110208 | 121102081000, 121102081000 | Flood Mitigation Alternatives Analysis/ Feasibility Study | 2.72 | Urban/local, Riverine | Port Isabel | Port Isabel | Yes | \$ 554,000.00 | Yes | Evacuation route and access to critical facilities are impacted. Meets TWDB & RFPG criteria for FMEs. Further discussions with City may combine similar FMEs to city-wide study. | \$ 3,696,000.00 |
| 151000028 | Port Isabel Action #22 | Build breakwater or similar shoreline protection for harbor | 1500001, 1500002 | Cameron | 12110208 | 121102081000, 121102081000 | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.47 | Urban/local, Riverine | Port Isabel | Port Isabel | Yes | \$ 1,109,000.00 | Yes | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 7,392,000.00 |
| 151000029 | Primera Action #2 | Construct a large retention/detention pond in the northwest part of town to hold water during heavy rain events | 1500007, 1500008, 1500005, 1500006 | Cameron | 12110208 | 121102080700 | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.1 | Urban/local, Riverine | Primera | Primera | Yes | \$ 92,000.00 | Yes | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 616,000.00 |

TABLE 15: FLOOD MANAGEMENT EVALUATIONS RECOMMENDED BY RFPG

Table 15: Potential Flood Management Evaluations Identified by RFPG

| Project ID | Location | Description | County | Year | Priority | Study Type | Value | Category | District | District | Yes | Cost | Yes | Notes | Cost |
|------------|---|---|---------|----------|-------------|---|--------|-----------------------|-------------------------------------|-------------------------------------|-----|-----------------|-----|--|------------------|
| 15100030 | South Padre Island #6 | Upgrade undersized culverts throughout the Island to increase capacity and reduce flood risk | Cameron | 12110208 | 1.21102E+11 | Flood Mitigation Alternatives Analysis/ Feasibility Study | 4.62 | Urban/Local, Riverine | South Padre Island | South Padre Island | Yes | \$ 1,848,000.00 | Yes | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 12,320,000.00 |
| 15100031 | Dimmit County | Develop Flood risk maps for the county of Dimmit and develop CIP | Dimmit | 12110207 | | Flood Risk Modeling/ Mapping | 172.15 | | Dimmit | Dimmit | Yes | \$ 250,000.00 | Yes | Meets TWDB & RFPG criteria for FMEs. Identified as a mapping gap. | |
| 15100032 | Edwards County | Develop Flood risk maps for the county of Edwards and develop CIP | Edwards | 12110207 | | Flood Risk Modeling/ Mapping | 138.8 | | Edwards | Edwards | Yes | \$ 250,000.00 | Yes | Meets TWDB & RFPG criteria for FMEs. Identified as a mapping gap. | |
| 15100033 | FM 491 and Mile 3 | Local Drainage Improvements- County Road 1771 | Hidalgo | 12110207 | | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.81 | | Hidalgo County Drainage District #1 | Hidalgo County Drainage District #1 | Yes | \$ 60,000.00 | Yes | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 400,000.00 |
| 15100034 | Pump Station H & Sump | Pump Station H & Sump | Hidalgo | 12110207 | | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.31 | | Hidalgo County Drainage District #1 | Hidalgo County Drainage District #1 | Yes | \$ 218,000.00 | Yes | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 1,450,000.00 |
| 15100035 | Pump Station I & Sump | Pump Station I & Sump | Hidalgo | 12110207 | | Flood Mitigation Alternatives Analysis/ Feasibility Study | 3.73 | | Hidalgo County Drainage District #1 | Hidalgo County Drainage District #1 | Yes | \$ 389,000.00 | Yes | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 2,590,000.00 |
| 15100036 | Pump Station J & Sump | Pump Station J & Sump | Hidalgo | 12110207 | | Flood Mitigation Alternatives Analysis/ Feasibility Study | 6.23 | | Hidalgo County Drainage District #1 | Hidalgo County Drainage District #1 | Yes | \$ 311,000.00 | Yes | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 2,070,000.00 |
| 15100037 | Pump Station K | Pump Station K | Hidalgo | 12110207 | | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.1 | | Hidalgo County Drainage District #1 | Hidalgo County Drainage District #1 | Yes | \$ 165,000.00 | Yes | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 1,100,000.00 |
| 15100038 | Pump Station L | Pump Station L | Hidalgo | 12110207 | | Flood Mitigation Alternatives Analysis/ Feasibility Study | 1.3 | | Hidalgo County Drainage District #1 | Hidalgo County Drainage District #1 | Yes | \$ 165,000.00 | Yes | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 1,100,000.00 |
| 15100039 | Lott Rd & Soderquist | Local Drainage Improvements- North of Lott Road and East of Soderquist Rd. | Hidalgo | 12110207 | | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.27 | | Hidalgo County Drainage District #1 | Hidalgo County Drainage District #1 | Yes | \$ 191,000.00 | Yes | Evacuation route and access to critical facilities are impacted. Meets TWDB & RFPG criteria for FMEs. Further discussions with City may combine similar FMEs to city-wide study. | \$ 1,270,000.00 |
| 15100040 | Mile 2 E & Expy 83 | Local Drainage Improvements- North of Interstate 2 and West of Mile 2 1/2 | Hidalgo | 12110207 | | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.43 | | Hidalgo County Drainage District #1 | Hidalgo County Drainage District #1 | Yes | \$ 215,000.00 | Yes | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 1,435,000.00 |
| 15100041 | TX 88 & W Sugar Cane Dr Improvements | Channel Improvements- Ditch 17B2A1, Ditch 17B2A1 Detention West, Local Drainage Improvements (North of W Sugar Cane West of Ditch17B2A1), Ditch 17B2A1 Detention East, and Local Drainage Improvements (North of W Sugar Cane East of Ditch17B2A1) | Hidalgo | 12110207 | | Flood Mitigation Alternatives Analysis/ Feasibility Study | 3.1 | | Hidalgo County Drainage District #1 | Hidalgo County Drainage District #1 | Yes | \$ 376,000.00 | Yes | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 2,506,000.00 |
| 15100042 | Mile 11 N & Mile 6 W Improvements | Channel Improvements- Ditch 17B2A1A, Channel Improvements- Ditch 7T,7T1, Local Drainage Improvements- West of Ditch17B2A1A, and Ditch 17B2A1 Detention West | Hidalgo | 12110207 | | Flood Mitigation Alternatives Analysis/ Feasibility Study | 1.74 | | Hidalgo County Drainage District #1 | Hidalgo County Drainage District #1 | Yes | \$ 570,000.00 | Yes | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 3,802,000.00 |
| 15100043 | Clark Rd & Mile 1 E Improvements | Channel Improvements- Ditch 19,19B,19H,23; Local Drainage Improvements-Los Laureles; Local Detention-Los Laureles; Local Drainage Improvements-Clark road and Mile 1 Road; and Bypass Channel and Sump Area for Pump Station | Hidalgo | 12110207 | | Flood Mitigation Alternatives Analysis/ Feasibility Study | 12.3 | | Hidalgo County Drainage District #1 | Hidalgo County Drainage District #1 | Yes | \$ 1,527,000.00 | Yes | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 10,177,000.00 |
| 15100044 | International & E Mile 5 N Improvements | Channel Improvements just upstream of Ditch 35B; Culvert Improvements; Detention North of Llano Grande Lake Just West of 3 Mile Rd; 2- 130,000 GPM Pumps; Channel Improvements Ditch 34, 34B, 34BExt; Regional Detention; Bypass channel from Ditch 34; and Culvert Improvements-Ditch 34 Passing International Blvd. | Hidalgo | 12110207 | | Flood Mitigation Alternatives Analysis/ Feasibility Study | 1.71 | | Hidalgo County Drainage District #1 | Hidalgo County Drainage District #1 | Yes | \$ 1,094,000.00 | Yes | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 7,290,000.00 |
| 15100045 | S Alamo and Rancho Blanco | Local Drainage Improvements-Storm Drain and Detention North of Rancho Blanco and east of S. Alamo Road | Hidalgo | 12110207 | | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.03 | | Hidalgo County Drainage District #1 | Hidalgo County Drainage District #1 | Yes | \$ 526,000.00 | Yes | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 3,505,000.00 |
| 15100046 | FM 1423 and Main Grove | Local Drainage Improvements- Main Street, North Street | Hidalgo | 12110207 | | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.12 | | Hidalgo County Drainage District #1 | Hidalgo County Drainage District #1 | Yes | \$ 107,000.00 | Yes | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 714,000.00 |
| 15100047 | FM 1423 and Nolana | Local Drainage Improvements--Storm Drain and Detention South of Earling Road West of Val Verde Street | Hidalgo | 12110207 | | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.38 | | Hidalgo County Drainage District #1 | Hidalgo County Drainage District #1 | Yes | \$ 321,000.00 | Yes | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 2,140,000.00 |
| 15100048 | N Tower | Local Drainage Improvements-Storm Drain North of Minnesota Road | Hidalgo | 12110207 | | Flood Mitigation Alternatives Analysis/ Feasibility Study | 1.73 | | Hidalgo County Drainage District #1 | Hidalgo County Drainage District #1 | Yes | \$ 201,000.00 | Yes | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 1,340,000.00 |
| 15100049 | Dillon and Roosevelt | Local Drainage Improvements-Just North of E Roosevelt Rd | Hidalgo | 12110207 | | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.68 | | Hidalgo County Drainage District #1 | Hidalgo County Drainage District #1 | Yes | \$ 217,000.00 | Yes | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 1,444,000.00 |
| 15100050 | Canton and Dillon | Local Drainage Improvements-Along Canton Road and adjacent neighborhoods | Hidalgo | 12110207 | | Flood Mitigation Alternatives Analysis/ Feasibility Study | 1.1 | | Hidalgo County Drainage District #1 | Hidalgo County Drainage District #1 | Yes | \$ 454,000.00 | Yes | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 3,027,000.00 |
| 15100051 | FM 1925 and Mile 4 | Local Drainage Improvements-Along Bernal Court | Hidalgo | 12110207 | | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.16 | | Hidalgo County Drainage District #1 | Hidalgo County Drainage District #1 | Yes | \$ 144,000.00 | Yes | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 957,000.00 |

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| Project ID | Project Name | Description | Parcel ID | County | Year | Study Type | Cost | Priority | Location | City | Notes | Total Cost |
|------------|--|---|--|---------|--------------------|---|------|-----------------------|-------------------------------------|-------------------------------------|--|------------------|
| 15100052 | Pump Station A & Sump A | Pump Station A & Sump A | 15000019, 15000020 | Hidalgo | 12110207 | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.1 | | Hidalgo County Drainage District #1 | Hidalgo County Drainage District #1 | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 1,420,000.00 |
| 15100053 | Pump Station B & Sump B | Pump Station B & Sump B | 15000019, 15000020 | Hidalgo | 12110207 | Flood Mitigation Alternatives Analysis/ Feasibility Study | | | Hidalgo County Drainage District #1 | Hidalgo County Drainage District #1 | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 1,630,000.00 |
| 15100054 | Pumps & Sumps | Remove gate and improve embankment | 15000019, 15000020 | Hidalgo | 12110207 | Flood Mitigation Alternatives Analysis/ Feasibility Study | | | Hidalgo County Drainage District #1 | Hidalgo County Drainage District #1 | More information on the size of drainage area that this will improve. | \$ 60,000.00 |
| 15100055 | Pump Station D | Pump Station D | 15000019, 15000020 | Hidalgo | 12110207 | Flood Mitigation Alternatives Analysis/ Feasibility Study | 4.67 | | Hidalgo County Drainage District #1 | Hidalgo County Drainage District #1 | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 1,100,000.00 |
| 15100056 | Pump Station E & Sump | Pump Station E & Sump | 15000019, 15000020 | Hidalgo | 12110207 | Flood Mitigation Alternatives Analysis/ Feasibility Study | 3.45 | | Hidalgo County Drainage District #1 | Hidalgo County Drainage District #1 | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 830,000.00 |
| 15100057 | Pump Station F & Sump | Pump Station F & Sump | 15000019, 15000020 | Hidalgo | 12110207 | Flood Mitigation Alternatives Analysis/ Feasibility Study | 12.4 | | Hidalgo County Drainage District #1 | Hidalgo County Drainage District #1 | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 3,200,000.00 |
| 15100058 | Pump Station G & Sump | Pump Station G & Sump | 15000019, 15000020 | Hidalgo | 12110207 | Flood Mitigation Alternatives Analysis/ Feasibility Study | 2.71 | | Hidalgo County Drainage District #1 | Hidalgo County Drainage District #1 | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 1,810,000.00 |
| 15100059 | City of Sullivan City | Develop Flood risk maps for the city of Sullivan City and develop CIP | 15000019, 15000020 | Hidalgo | 12110207 | Flood Risk Modeling/ Mapping | 3.6 | | City of Sullivan City | City of Sullivan City | Meets TWDB & RFPG criteria for FMEs. Identified as a mapping gap. | \$ 250,000.00 |
| 15100060 | Alton MDP - West Mile 5 Road and Louisiana Street Alternative 2 | Alternative 2 is designed to remove structures from the 10-year floodplain. Approximately 35 acre-feet of volume is proposed to be excavated. construction consists of 1,940 LF of 36-inch diameter pipe sloped at 0.2% along Louisiana, Kentucky, and Trospen Road out falling directly into the retention pond, 3 headwalls and approximately 9 inlets. Additional inlets and smaller pipe may be needed to catch low lying areas that pond between the houses or regrading with swales to take runoff to the street. | 15000007, 15000008, 15000005, 15000006 | Hidalgo | 12110207, 12110208 | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.1 | Urban/local, Riverine | City of Alton | City of Alton | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 2,152,656.00 |
| 15100061 | Alton MDP - FM 676 South Glasscock Road Alternative 3 | Widening of FM 676 with a proposed storm drain system containing 54" reinforced concrete pipe. | 15000005, 15000006 | Hidalgo | 12110207, 12110209 | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.13 | Urban/local, Riverine | City of Alton | City of Alton | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 387,288.00 |
| 15100062 | Alton MDP - North Inspiration Road and West St. Jude Avenue Alternative 2 | Alternative 2, is designed to remove structures from the 25-year floodplain and more frequent storms. This alternative consists of upsizing the storm drain under West St. Jude Avenue. The trunk line will consist of 1,900 LF of a single 7' X 5' reinforced concrete box sloped at 0.5% from the area just west of the neighborhood on W. St. Jude Avenue to the West Main Drain Channel, downstream (north) of the existing 10' X 7' box culvert. | 15000005, 15000006 | Hidalgo | 12110207, 12110210 | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.16 | Urban/local, Riverine | City of Alton | City of Alton | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 2,817,936.00 |
| 15100063 | Alton MDP - West Mile 5 and South Glasscock Road Alternative 3 | Alternative 3 is simply the buyout and removal of 23 properties on the north side of Buchanan from the 10-year floodplain. Once structures are removed, the vacant land can be excavated and used as a park/regional retention pond. | 15000031, 15000032 | Hidalgo | 12110207, 12110213 | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.23 | Urban/local, Riverine | City of Alton | City of Alton | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 1,663,200.00 |
| 15100064 | Weslaco Stormwater Improvement Plan - Pleasantview Drive and 11th Street | Installation of 3,220 LF of new storm drain system consisting of two - 8' x 4' RCBs along Mile 3 ½. | 15000005, 15000006 | Hidalgo | 12110207, 12110228 | Preliminary Engineering | 0.22 | Urban/local, Riverine | City of Weslaco | City of Weslaco | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 5,462,600.00 |
| 15100065 | Weslaco Stormwater Improvement Plan - Mile 10 N and Mile 5 ½ W | Construction of an 8 acre detention pond, with approximately 4,000 LF of channel widening along the back of the neighborhoods and between the Justice Raul A. Gonzalez Elementary School and Joe Calvillo Jr Career & Technology Education Complex; replacement of existing undersized channel culvert with two - 8' x 5' reinforced concrete boxes (RCBs), and adding two - 8' x 5' RCBs to connect the existing drainage ditches to the drain channel system on the east. | 15000007, 15000008 | Hidalgo | 12110207, 12110230 | Preliminary Engineering | 0.4 | Urban/local, Riverine | City of Weslaco | City of Weslaco | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 4,441,008.00 |
| 15100066 | Weslaco Stormwater Improvement Plan - South International Boulevard and Business 83 | Replacement of 48 - inch culverts at two roadway crossings with 6' x 4' RCBs. | 15000005, 15000006 | Hidalgo | 12110207, 12110231 | Preliminary Engineering | 0.39 | Urban/local, Riverine | City of Weslaco | City of Weslaco | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 93,808.00 |
| 15100067 | Weslaco Stormwater Improvement Plan - Texas Boulevard to Airport Drive, South of Business 83 | Construction of two detention ponds, 10 acres near Texas Boulevard and 18th Street and 3 acres south of Dawson Street, a berm, approximately 5,400 LF of channel widening and extension, and installation of an 8' x 4' RCB storm drain system near Border Ave. to Bridge Ave. | 15000007, 15000008, 15000005, 15000006 | Hidalgo | 12110207, 12110232 | Preliminary Engineering | 1.34 | Urban/local, Riverine | City of Weslaco | City of Weslaco | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 43,984,512.00 |
| 15100068 | Weslaco Stormwater Improvement Plan - West Weslaco | The project is located just west of Border Avenue, between US 83 and Zelma Street. Construction of three detention ponds, 18 acres east of Vaughn Road and Midway Road, 26 acres near West 6th Street and Milano Road and 60 acres at Harlon Block Sports Complex, approximately 17,000 LF of channel widening connecting the ponds, and installation of approximately 4500 LF of large (8' x 4', 8' x 5', 8' x 6') RCB storm drain system to improve conveyance along the channels to the ponds. | 15000007, 15000008, 15000005, 15000006 | Hidalgo | 12110207, 12110233 | Preliminary Engineering | 2 | Urban/local, Riverine | City of Weslaco | City of Weslaco | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 37,305,840.00 |

TABLE 15: FLOOD MANAGEMENT EVALUATIONS RECOMMENDED BY RFPG

Table 15: Potential Flood Management Evaluations Identified by RFPG

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|----------|---|--|------------------------------------|---------|--------------------|--|---|------|-----------------------|--|--|-----|-----------------|-----|--|------------------|
| 15100069 | Weslaco Stormwater Improvement Plan - Westgate Drive and Sugar Cane Drive | Construction of two detention ponds, 11 acres near Clecker-Heald Elementary School and 8 acres behind the commercial properties north of Interstate 2, approximately 4,500 LF of channel widening connecting the two ponds, addition of a new 42-inch reinforced concrete pipe (RCP) culvert east of Border Avenue, and installation of approximately 5,600 LF of an 8' x 4' RCB storm drain system along West Paisano Lane and East Ballard Street. | 1500007, 1500008, 1500005, 1500006 | Hidalgo | 12110207, 12110234 | 121102080100, 121102080300 | Preliminary Engineering | 1.58 | Urban/local, Riverine | City of Weslaco | City of Weslaco | Yes | \$ 1,665,000.00 | No | Need more information to determine if it is connected to a Category 2 FIF project. | \$ 11,099,088.00 |
| 15100070 | Enhance Drainage Systems In Hidalgo | Add Additional Storm Sewer Line From 5th Street/Azalea To Texano East To Eight Street. Install 24" Cement Pipe To Help Drainage | 1500000, 1500000 | Hidalgo | 12110207, 12110248 | 121102080100, 121102080300, 130900020311 | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.03 | Urban/Local, Riverine | Hidalgo | Hidalgo | Yes | \$ 215,000.00 | No | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 1,430,000.00 |
| 15100071 | Precinct 4 MDP - Risk Area A at Mile 8.5 Rd. & Ware Rd. | Approximately 1 mile of proposed channel improvements. Proposed culverts. Proposed Detention Ponds with pond north of Mile 8.5 Rd. to collect runoff from the west and has an approximate footprint of 12 acres and storage capacity of 60 acre-ft and will outfall south towards the pond south of Mile 8.5 Rd. | 1500007, 1500008, 1500005, 1500006 | Hidalgo | 12110207, 12110279 | 121102080400, 121102070100, 121102080200, 121102080200 | Preliminary Engineering | 0.79 | Urban/local, Riverine | Hidalgo County Precinct 4 | Hidalgo County Precinct 4 | Yes | \$ 2,985,000.00 | Yes | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 19,899,000.00 |
| 15100072 | Precinct 4 MDP - Risk Area B at Mile 6 & North Ware Rd. | Regional Detention Facilities with a pond footprint of 25 acres along the Existing HCDD1 West Main Drain. Storm Drain and Local Drainage Improvements. Channel maintenance. | 1500007, 1500008, 1500005, 1500006 | Hidalgo | 12110207, 12110280 | 121102080400, 121102070100, 121102080200, 121102080200 | Preliminary Engineering | 0.15 | Urban/local, Riverine | Hidalgo County Precinct 4 | Hidalgo County Precinct 4 | Yes | \$ 4,076,000.00 | Yes | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 27,175,500.00 |
| 15100073 | Precinct 4 MDP - Risk Area C at FM 2812 & FM 493 | Channel Improvements (Widening & Regrading) to Existing J-01 Drain with approximately 1.5 miles of proposed improvements. Channel Improvements (Channel Maintenance & Flowline Regrading) to Existing DA-1 Ext. Drain with approximately 0.4 miles of proposed improvements. Proposed detention pond will have an approximate footprint of 9 acres and storage capacity of 90 acre-ft. Grate inlets & proposed storm drain channel maintenance & debris removal. | 1500007, 1500008, 1500005, 1500006 | Hidalgo | 12110207, 12110281 | 121102080400, 121102070100, 121102080200, 121102080200 | Preliminary Engineering | 3.23 | Urban/local, Riverine | Hidalgo County Precinct 4 | Hidalgo County Precinct 4 | Yes | \$ 1,183,000.00 | Yes | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 7,887,000.00 |
| 15100074 | Precinct 4 MDP - Risk Area D at S. McColl & Canton Rd. | Channel Improvements (Widening & Regrading) to Existing McAllen Lateral & North Main Drain with approximately 2.25 miles of proposed improvements from S McColl St. to State Highway 107. Crossings at W Canton Rd., W Freddy Gonzalez Dr., and W Sprague St. were all evaluated up to the 25-year design storm criteria for upsizing evaluation. | 1500005, 1500006 | Hidalgo | 12110207, 12110282 | 121102080400, 121102070100, 121102080200, 121102080200 | Preliminary Engineering | 1.4 | Urban/local, Riverine | Hidalgo County Precinct 4 | Hidalgo County Precinct 4 | Yes | \$ 954,000.00 | Yes | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 6,358,000.00 |
| 15100075 | Precinct 4 MDP - Risk Area E at Hwy 107 & Val Verde Rd. | Channel Improvements with approximately 0.3 miles of proposed improvements. Proposed detention pond north of Tex-Mex Rd. and east of S 87th St. has an approximate footprint of 4.25 acres and capacity of 20 acre-ft. Grate Inlets and Proposed Storm Drain 5'x5' grate inlets spaced along every 500' of storm drain with a 4'x2' RCB along S 85th St. | 1500007, 1500008, 1500005, 1500006 | Hidalgo | 12110207, 12110283 | 121102080400, 121102070100, 121102080200, 121102080200 | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.1 | Urban/local, Riverine | Hidalgo County Precinct 4 | Hidalgo County Precinct 4 | Yes | \$ 747,000.00 | Yes | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 4,983,000.00 |
| 15100076 | Precinct 4 MDP - Risk Area F at Texas Rd. & Cesar Chavez Rd. | Channel Improvements with approximately 0.6 miles of proposed improvements. Grate Inlets and Proposed Storm Drain with grate inlets in sag spaced along every 500' tying into a 42" RCP along Cesar Chavez Road starting at just south of Texas Rd to the Curry Drain. Culvert Improvements with connections between the proposed open channels and existing HCDD1 Edinburg Stub will require the installation of 4'x3' RCBs. | 1500005, 1500006 | Hidalgo | 12110207, 12110284 | 121102080400, 121102070100, 121102080200, 121102080200 | Preliminary Engineering | 0.56 | Urban/local, Riverine | Hidalgo County Precinct 4 | Hidalgo County Precinct 4 | Yes | \$ 1,188,000.00 | Yes | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 7,920,000.00 |
| 15100077 | Precinct 4 MDP - Risk Area G at Hoehn Rd. & Mile 11 Rd. | Channel Improvements with approximately 0.75 miles of proposed improvements. Proposed Pond north of County Road 3424 and west of County Road 3421 has an approximate footprint of 5 acres and capacity of 35 acre-ft. Grate Inlets and Proposed Storm Drain 5'x5' grate inlets will be located at the southwest corner of Eubanks and County Road 3424 with a connection to a 42" DIA RCP storm drain. Proposed culverts. | 1500005, 1500006 | Hidalgo | 12110207, 12110285 | 121102080400, 121102070100, 121102080200, 121102080200 | Preliminary Engineering | 0.79 | Urban/local, Riverine | Hidalgo County Precinct 4 | Hidalgo County Precinct 4 | Yes | \$ 909,000.00 | Yes | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 6,061,000.00 |
| 15100078 | Precinct 4 MDP - Risk Area I at Sharp Rd. & E Monte Cristo Rd | Inlets and proposed storm drain with Approximately 1,100' of 4'x4' RCB storm drain with curb inlets to be installed along Hendrix Dr. and Gaston Cr. with approximately 1,200' of 6'x4' RCB storm with grate and sag inlets along Uresti Rd. with connection to the HCDD1 J-02 Drain. Proposed installation of grate and sag inlets along Mile 19 Rd. (Phase Two) and proposed installation of grate and sag inlets along Sharp Rd. (Phase Two). Proposed Culverts Improvements (Phase One). Proposed detention pond with 9 acre footprint. Channel maintenance. | 1500005, 1500006 | Hidalgo | 12110207, 12110286 | 121102080400, 121102070100, 121102080200, 121102080200 | Preliminary Engineering | 0.73 | Urban/local, Riverine | Hidalgo County Precinct 4 | Hidalgo County Precinct 4 | Yes | \$ 899,000.00 | Yes | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 5,995,000.00 |
| 15100079 | Precinct 4 MDP - Risk Area J at SH107 & FM 907 | Channel Improvements (Widening & Regrading) to Existing HCDD1 "Y" drain with approximately 0.75 miles of proposed channel improvements beginning at Fresno Dr. and ending at E Curry Rd. Proposed Drainage Grate Inlets approximately 3,800' of storm drain to provide local drainage improvements north and west of existing HCDD1 "Y" Drain in two separate systems. Proposed culverts improvements. Proposed detention pond with a 2.7 acre footprint. | 1500005, 1500006 | Hidalgo | 12110207, 12110287 | 121102080400, 121102070100, 121102080200, 121102080200 | Preliminary Engineering | 0.15 | Urban/local, Riverine | Hidalgo County Precinct 4 | Hidalgo County Precinct 4 | Yes | \$ 541,000.00 | Yes | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 3,608,000.00 |
| 15100080 | Mercedes Project Area 111 | Provide channel and culvert improvements for the outlined ditches. (Mercedes Ditch 19, 19A, Anaquitas Drain) | | Hidalgo | | | Flood Mitigation Alternatives Analysis/ Feasibility Study | | | Hidalgo County Drainage District No. 1 | Hidalgo County Drainage District No. 1 | Yes | \$ 1,151,000.00 | No | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 7,670,000.00 |
| 15100081 | East Mercedes Project Area 112a | Provide channel and culvert improvements for the outlined ditches. (Mercedes Ditch 23 North of IH 2) | | Hidalgo | | | Flood Mitigation Alternatives Analysis/ Feasibility Study | | | Hidalgo County Drainage District No. 1 | Hidalgo County Drainage District No. 1 | Yes | \$ 454,000.00 | No | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 3,027,000.00 |

TABLE 15: FLOOD MANAGEMENT EVALUATIONS RECOMMENDED BY RFPG

Table 15: Potential Flood Management Evaluations Identified by RFPG

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|-----------|----------------------------|--|----------------------|-----------|----------|--|--|------|--------------------------|-----------------|-----------------|-----|---------------|----|--|-----------------|
| 151000105 | City of Del Rio Project 1 | Calaveras Creek Railroad Avenue Road/Culvert Improvement | 1500005 , 1500006 | Val Verde | 13080001 | 130403020405, 130800010203, 130800010204, 130800010205, 130800010207, 130800010208, 130800010303, 130800010304, 130800010305, 130800010306, 130800010404, 130800010405, 130800010406, 130800010407 | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.02 | Urban/Local, Riverine | City of Del Rio | City of Del Rio | Yes | \$ 33,000.00 | No | Need more information to determine if it meets TWDB and RFPG criteria for FME. Projects appear to come from a Master Drainage Study. | \$ 217,800.00 |
| 151000106 | City of Del Rio Project 10 | San Felipe Creek W. 10th St. Storm sewer | 1500005 , 1500006 | Val Verde | 13080001 | 130403020405, 130800010203, 130800010204, 130800010205, 130800010207, 130800010208, 130800010303, 130800010304, 130800010305, 130800010306, 130800010404, 130800010405, 130800010406, 130800010407 | Flood Mitigation Alternatives Analysis/ Feasibility Study | | Urban/Local, Riverine | City of Del Rio | City of Del Rio | Yes | \$ 187,000.00 | No | Need more information to determine if it meets TWDB and RFPG criteria for FME | \$ 1,249,600.00 |
| 151000107 | City of Del Rio Project 11 | Cinegas Creek Wildcat Drive Road/Culvert Improvement | 1500005 , 1500006 | Val Verde | 13080001 | 130403020405, 130800010203, 130800010204, 130800010205, 130800010207, 130800010208, 130800010303, 130800010304, 130800010305, 130800010306, 130800010404, 130800010405, 130800010406, 130800010407 | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.16 | Urban/Local, Riverine | City of Del Rio | City of Del Rio | Yes | \$ 30,000.00 | No | Need more information to determine if it meets TWDB and RFPG criteria for FME | \$ 200,200.00 |
| 151000108 | City of Del Rio Project 12 | Cantu Branch Kings Way - Site 1 Road/Culvert Improvement | 1500005 , 1500006 | Val Verde | 13080001 | 130403020405, 130800010203, 130800010204, 130800010205, 130800010207, 130800010208, 130800010303, 130800010304, 130800010305, 130800010306, 130800010404, 130800010405, 130800010406, 130800010407 | Flood Mitigation Alternatives Analysis/ Feasibility Study | | Urban/Local, Riverine | City of Del Rio | City of Del Rio | Yes | \$ 49,000.00 | No | Need more information to determine if it meets TWDB and RFPG criteria for FME | \$ 328,900.00 |
| 151000109 | City of Del Rio Project 13 | Cantu Branch Margaret Lane Road/Culvert Improvement | 1500005 , 1500006 | Val Verde | 13080001 | 130403020405, 130800010203, 130800010204, 130800010205, 130800010207, 130800010208, 130800010303, 130800010304, 130800010305, 130800010306, 130800010404, 130800010405, 130800010406, 130800010407 | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.01 | Urban/Local, Riverine | City of Del Rio | City of Del Rio | Yes | \$ 20,000.00 | No | Need more information to determine if it meets TWDB and RFPG criteria for FME | \$ 132,000.00 |
| 151000110 | City of Del Rio Project 14 | Cantu Branch Amistad Blvd Road/Culvert Improvement | 1500005 , 1500006 | Val Verde | 13080001 | 130403020405, 130800010203, 130800010204, 130800010205, 130800010207, 130800010208, 130800010303, 130800010304, 130800010305, 130800010306, 130800010404, 130800010405, 130800010406, 130800010407 | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.01 | Urban/Local, Riverine | City of Del Rio | City of Del Rio | Yes | \$ 37,000.00 | No | Need more information to determine if it meets TWDB and RFPG criteria for FME | \$ 248,600.00 |
| 151000111 | City of Del Rio Project 15 | Cantu Branch Kings Way - Site 2 Road/Culvert Improvement | 1500005 , 1500006 | Val Verde | 13080001 | 130403020405, 130800010203, 130800010204, 130800010205, 130800010207, 130800010208, 130800010303, 130800010304, 130800010305, 130800010306, 130800010404, 130800010405, 130800010406, 130800010407 | Flood Mitigation Alternatives Analysis/ Feasibility Study | | Urban/Local, Riverine | City of Del Rio | City of Del Rio | Yes | \$ 48,000.00 | No | Need more information to determine if it meets TWDB and RFPG criteria for FME | \$ 317,900.00 |
| 151000112 | City of Del Rio Project 16 | Cantu Branch Kings Way - Site 3 Road/Culvert Improvement | 1500005 , 1500006 | Val Verde | 13080001 | 130403020405, 130800010203, 130800010204, 130800010205, 130800010207, 130800010208, 130800010303, 130800010304, 130800010305, 130800010306, 130800010404, 130800010405, 130800010406, 130800010407 | Flood Mitigation Alternatives Analysis/ Feasibility Study | | Urban/Local, Riverine | City of Del Rio | City of Del Rio | Yes | \$ 32,000.00 | No | Need more information to determine if it meets TWDB and RFPG criteria for FME | \$ 213,400.00 |
| 151000113 | City of Del Rio Project 17 | Cantu Branch Amistad - Site 2a Road/Culvert Improvement | 1500005 , 1500006 | Val Verde | 13080001 | 130403020405, 130800010203, 130800010204, 130800010205, 130800010207, 130800010208, 130800010303, 130800010304, 130800010305, 130800010306, 130800010404, 130800010405, 130800010406, 130800010407 | Flood Mitigation Alternatives Analysis/ Feasibility Study | | Urban/Local, Riverine | City of Del Rio | City of Del Rio | Yes | \$ 74,000.00 | No | Need more information to determine if it meets TWDB and RFPG criteria for FME | \$ 492,800.00 |
| 151000114 | City of Del Rio Project 18 | Cantu Branch Amistad - Site 2b Road/Culvert Improvement | 1500005 , 1500006 | Val Verde | 13080001 | 130403020405, 130800010203, 130800010204, 130800010205, 130800010207, 130800010208, 130800010303, 130800010304, 130800010305, 130800010306, 130800010404, 130800010405, 130800010406, 130800010407 | Flood Mitigation Alternatives Analysis/ Feasibility Study | | Urban/Local, Riverine | City of Del Rio | City of Del Rio | Yes | \$ 37,000.00 | No | Need more information to determine if it meets TWDB and RFPG criteria for FME | \$ 248,600.00 |
| 151000115 | City of Del Rio Project 19 | Cantu Branch Kings Way/Amistad Blvd Storm sewer Improvement | 1500005 , 1500006 | Val Verde | 13080001 | 130403020405, 130800010203, 130800010204, 130800010205, 130800010207, 130800010208, 130800010303, 130800010304, 130800010305, 130800010306, 130800010404, 130800010405, 130800010406, 130800010407 | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.61 | Urban/Local, Riverine | City of Del Rio | City of Del Rio | Yes | \$ 55,000.00 | No | Need more information to determine if it meets TWDB and RFPG criteria for FME | \$ 369,600.00 |
| 151000116 | City of Del Rio Project 2 | Calaveras Creek Plaza / W. Viesca St. Road/Culvert Improvement | 1500005 , 1500006 | Val Verde | 13080001 | 130403020405, 130800010203, 130800010204, 130800010205, 130800010207, 130800010208, 130800010303, 130800010304, 130800010305, 130800010306, 130800010404, 130800010405, 130800010406, 130800010407 | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.1 | Urban/Local, Riverine | City of Del Rio | City of Del Rio | Yes | \$ 24,000.00 | No | Need more information to determine if it meets TWDB and RFPG criteria for FME | \$ 158,400.00 |

TABLE 15: FLOOD MANAGEMENT EVALUATIONS RECOMMENDED BY RFPG

Table 15: Potential Flood Management Evaluations Identified by RFPG

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|-----------|----------------------------------|--|-----------------------|-----------|----------|--|--|---------|--------------------------|----------------------------------|-------------------|-----|-----------------|-----|--|------------------|
| 151000117 | City of Del Rio Project 3 | Calaveras Creek Bowie Street Road/Culvert Improvement | 1500005 , 1500006 | Val Verde | 13080001 | 130403020405, 130800010203, 130800010204, 130800010205, 130800010207, 130800010208, 130800010303, 130800010304, 130800010305, 130800010306, 130800010404, 130800010405, 130800010406, 130800010407 | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.18 | Urban/Local, Riverine | City of Del Rio | City of Del Rio | Yes | \$ 20,000.00 | No | Need more information to determine if it meets TWDB and RFPG criteria for FME | \$ 136,400.00 |
| 151000118 | City of Del Rio Project 4 | Calaveras Creek Vitela St Off Channel Detention | 1500005 , 1500006 | Val Verde | 13080001 | 130403020405, 130800010203, 130800010204, 130800010205, 130800010207, 130800010208, 130800010303, 130800010304, 130800010305, 130800010306, 130800010404, 130800010405, 130800010406, 130800010407 | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.02 | Urban/Local, Riverine | City of Del Rio | City of Del Rio | Yes | \$ 57,000.00 | No | Need more information to determine if it meets TWDB and RFPG criteria for FME | \$ 379,500.00 |
| 151000119 | City of Del Rio Project 5 | San Felipe Creek SFWF A Regional Detention | 1500007, 1500008 | Val Verde | 13080001 | 130403020405, 130800010203, 130800010204, 130800010205, 130800010207, 130800010208, 130800010303, 130800010304, 130800010305, 130800010306, 130800010404, 130800010405, 130800010406, 130800010407 | Flood Mitigation Alternatives Analysis/ Feasibility Study | | Urban/Local, Riverine | City of Del Rio | City of Del Rio | Yes | \$ 521,000.00 | No | Need more information to determine if it meets TWDB and RFPG criteria for FME | \$ 3,471,600.00 |
| 151000120 | City of Del Rio Project 6 | San Felipe Creek RSWF B Regional Detention | 1500007, 1500008 | Val Verde | 13080001 | 130403020405, 130800010203, 130800010204, 130800010205, 130800010207, 130800010208, 130800010303, 130800010304, 130800010305, 130800010306, 130800010404, 130800010405, 130800010406, 130800010407 | Flood Mitigation Alternatives Analysis/ Feasibility Study | | Urban/Local, Riverine | City of Del Rio | City of Del Rio | Yes | \$ 3,055,000.00 | No | Need more information to determine if it meets TWDB and RFPG criteria for FME | \$ 20,365,400.00 |
| 151000121 | City of Del Rio Project 7 | San Felipe Creek Johnson Street Bridge Replacement | 1500005 , 1500006 | Val Verde | 13080001 | 130403020405, 130800010203, 130800010204, 130800010205, 130800010207, 130800010208, 130800010303, 130800010304, 130800010305, 130800010306, 130800010404, 130800010405, 130800010406, 130800010407 | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.01 | Urban/Local, Riverine | City of Del Rio | City of Del Rio | Yes | \$ 68,000.00 | No | Need more information to determine if it meets TWDB and RFPG criteria for FME | \$ 455,400.00 |
| 151000122 | City of Del Rio Project 8 | San Felipe Creek Canal Street Bridge Replacement | 1500005 , 1500006 | Val Verde | 13080001 | 130403020405, 130800010203, 130800010204, 130800010205, 130800010207, 130800010208, 130800010303, 130800010304, 130800010305, 130800010306, 130800010404, 130800010405, 130800010406, 130800010407 | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.01 | Urban/Local, Riverine | City of Del Rio | City of Del Rio | Yes | \$ 164,000.00 | No | Need more information to determine if it meets TWDB and RFPG criteria for FME | \$ 1,093,400.00 |
| 151000123 | City of Del Rio Project 9 | San Felipe Creek Academy Street Bridge Replacement | 1500005 , 1500006 | Val Verde | 13080001 | 130403020405, 130800010203, 130800010204, 130800010205, 130800010207, 130800010208, 130800010303, 130800010304, 130800010305, 130800010306, 130800010404, 130800010405, 130800010406, 130800010407 | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.01 | Urban/Local, Riverine | City of Del Rio | City of Del Rio | Yes | \$ 78,000.00 | No | Need more information to determine if it meets TWDB and RFPG criteria for FME | \$ 389,400.00 |
| 151000124 | Val Verde County | Develop Flood risk maps for the county of Val Verde and develop CIP | 15000019, 15000020 | Val Verde | 12110207 | | Flood Risk Modeling/ Mapping | 349.71 | | Val Verde County | Val Verde | Yes | \$ 500,000.00 | Yes | Meets TWDB & RFPG criteria for FMEs | |
| 151000125 | Webb County Drainage District #1 | Develop Flood risk maps for the Webb County Drainage District #1 and develop CIP | 15000019, 15000020 | Webb | 12110207 | | Flood Risk Modeling/ Mapping | 9.12 | | Webb County Drainage District #1 | Webb | Yes | \$ 1,000,000.00 | Yes | Meets TWDB & RFPG criteria for FMEs | |
| 151000126 | City of Laredo | Develop Flood risk maps for the city of Laredo and develop CIP | 15000019, 15000020 | Webb | 12110207 | | Flood Risk Modeling/ Mapping | 107.79 | | City of Laredo | City of Laredo | Yes | \$ 1,000,000.00 | No | Need more information to determine if it meets TWDB and RFPG criteria for FME. Not a high priority gap and Laredo may have a recent Master Drainage plan. | |
| 151000127 | City of Rio Bravo | Develop Flood risk maps for the city of Rio Bravo and develop CIP | 15000019, 15000020 | Webb | 12110207 | | Flood Risk Modeling/ Mapping | 0.66 | | City of Rio Bravo | City of Rio Bravo | Yes | \$ 250,000.00 | Yes | Meets TWDB & RFPG criteria for FMEs. Identified as a mapping gap. | |
| 151000128 | City of El Cenizo | Develop Flood risk maps for the city of El Cenizo and develop CIP | 15000019, 15000020 | Webb | 12110207 | | Flood Risk Modeling/ Mapping | 0.53 | | City of El Cenizo | City of El Cenizo | Yes | \$ 250,000.00 | Yes | Meets TWDB & RFPG criteria for FMEs. Identified as a mapping gap. | |
| 151000129 | City of Laredo Project 4 | Zacate Creek Flood Plain Study to improve the 1980 flood plain map for Zacate Creek | 15000019, 15000020 | Webb | 13080002 | | Flood Mitigation Alternatives Analysis/ Feasibility Study | | | City of Laredo | City of Laredo | Yes | \$ 150,000.00 | No | Need more information to determine if it meets TWDB and RFPG criteria for FME. Looks like it came from a Master Drainage Plan. | \$ 1,000,000.00 |
| 151000130 | City of Laredo Project 6 | Vidaurre Avenue Roadway Drainage Improvements to prevent future drainage in the area. Street improvements from Scott Street to Jefferson Street. | 1500005 , 1500006 | Webb | 13080002 | 130800022405 ,130800022610, 130800022611, 130800022612, 130800022801, 130800022802, 130800022804, 130800022805, 130800022809, 130800030208, 130800022806 | Flood Mitigation Alternatives Analysis/ Feasibility Study | 0.7 | Urban/Local, Riverine | City of Laredo | City of Laredo | Yes | \$ 330,000.00 | Yes | Project needs further study to determine if it can meet TWDB & RFPG criteria for an FMP in the future. Potential to impact access routes to critical infrastructure. | \$ 2,200,000.00 |
| 151000131 | Webb County | Develop Flood risk maps for the county of Webb and develop CIP | 15000019, 15000020 | Webb | 12110207 | | Flood Risk Modeling/ Mapping | 1654.59 | | Webb County | Webb County | Yes | \$ 1,000,000.00 | Yes | Meets TWDB & RFPG criteria for FMEs. Identified as a mapping gap. | |
| 151000132 | Zapata County | Develop Flood risk maps for the county of Zapata and develop CIP | 15000019, 15000020 | Zapata | 12110207 | | Flood Risk Modeling/ Mapping | 150.03 | | Zapata County | Zapata County | Yes | \$ 250,000.00 | Yes | Meets TWDB & RFPG criteria for FMEs. Identified as a mapping gap. | |
| 151000133 | San Ygnacio MUD | Develop Flood risk maps for San Ygnacio MUD and develop CIP | 15000019, 15000020 | Zapata | 12110207 | | Flood Risk Modeling/ Mapping | | | San Ygnacio MUD | San Ygnacio MUD | Yes | \$ 250,000.00 | Yes | Meets TWDB & RFPG criteria for FMEs. Identified as a mapping gap. | |