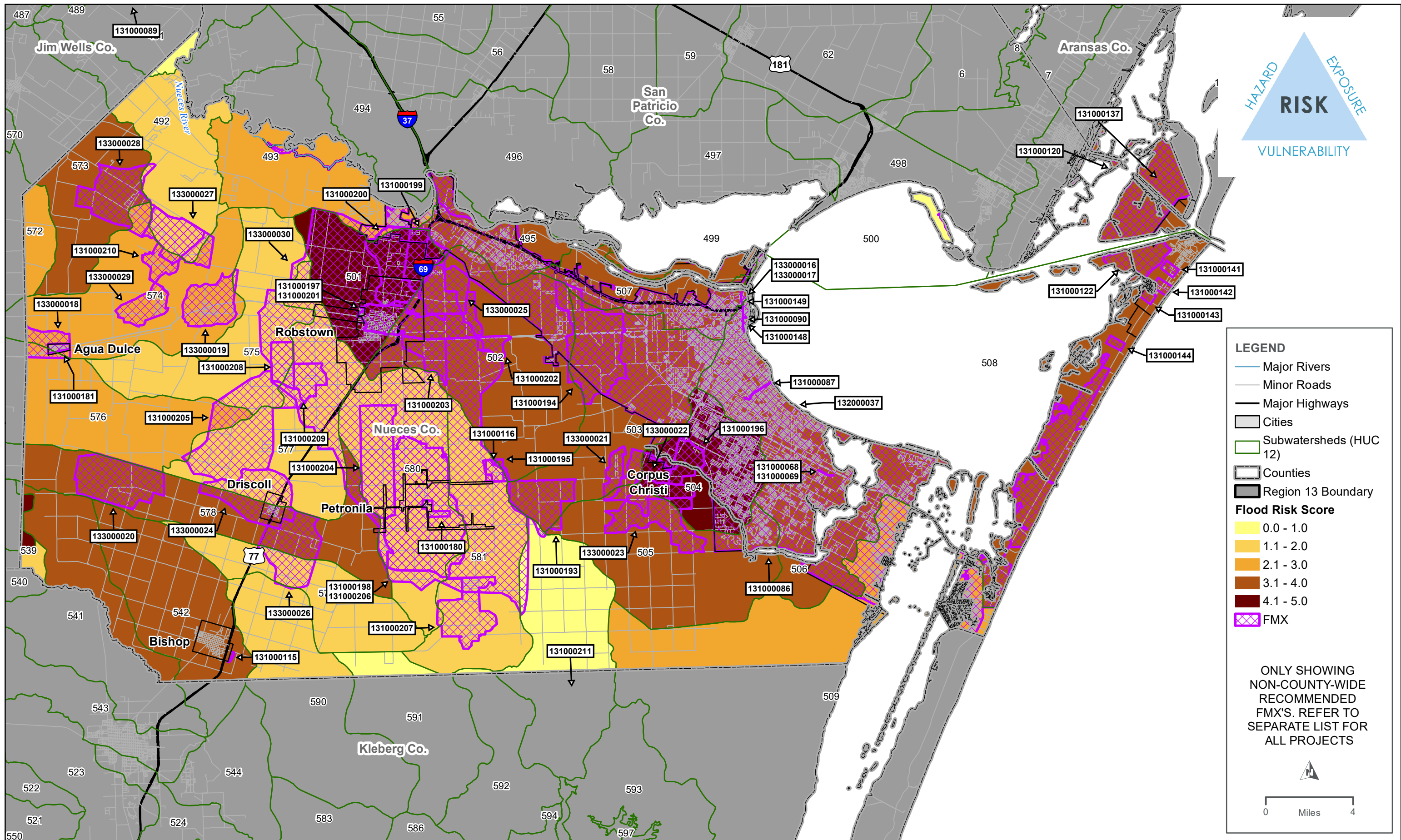


REGION 13 - EXISTING FLOOD HAZARD - NUECES COUNTY

MAP 23R1





REGION 13 - HIGHEST FLOOD RISK WITH RECOMMENDED FMX'S - NUECES COUNTY

MAP 23R2



Recommended List of Flood Mitigation Actions (FMX)s,
for Nueces County

Type (FMX)	ID	Name	Description	Estimated Study Cost	Sponsor	RFPG Goal ID	Counties	2024 Amended RFP Action
FME	131000068	William's Drive Drainage Improvements Phase 2 - Lexington to Ennis Joslin	Study to determine appropriate alternatives to increase capacity of existing William's Ditch from Lexington Road to Ennis Joslin Road.	\$ 138,000	Corpus Christi	4B	Nueces	
FME	131000069	William's Drive Drainage Improvements Phase 3 - Rodd Field to Lexington	Study to determine appropriate alternatives to increase capacity of existing William's Ditch from Rodd Field Road to Lexington Road, as well as to acquire Right of Way (ROW) at William's Drive to implement these drainage improvements.	\$ 293,000	Corpus Christi	5A	Nueces	
FME	131000086	Oso Creek Channel Bottom Rectification and Green Infrastructure	Planning and Design for Oso Creek and it's contributing channels to remove channel bottom irregularities, study inclusion of green infrastructure BMPS, improve conveyance and capacity, implement soil stabilization near infrastructure, remove debris.	\$ 4,751,000	Corpus Christi	5A	Nueces	
FME	131000087	Brawner Outfall Improvements	Inspect the Brawner Outfall system and assess needed repairs, design improvements, and construct necessary repairs and upgrades to accommodate future flows to prevent flooding and improve water quality.	\$ 459,000	Corpus Christi	5A,7A	Nueces	
FME	131000088	Greenwood WWTP Flood Mitigation and Emergency Generator	Greenwood Wastewater Treatment Plant improvements include site grading, piping, floodway improvements, plant structure flood walls, new effluent pump station, and two electrical generators. Scope includes design and construction.	\$ 2,126,000	Corpus Christi	5	Nueces	Study funded, changed to 'proposed and ongoing flood mitigation project'
FME	131000089	Wesley Seale Dam Inspection	This project is for the detailed inspection of the Wesley Seale Dam structure and system components.	\$ 375,000	Corpus Christi	5A	Jim Wells, San Patricio	-

Recommended List of Flood Mitigation Actions (FMX)s,
for Nueces County

Type (FMX)	ID	Name	Description	Estimated Study Cost	Sponsor	RFPG Goal ID	Counties	2024 Amended RFP Action
FME	131000090	Corpus Christi Police Headquarters Flood Proofing	COASTAL BEND MITIGATION ACTION PLAN - NU - 33 - The automatic generator transfer switch is located in a control room on the ground floor of the building, which is in an area vulnerable to street flooding. Project intends to elevate power transfer switch.	\$ 7,000	Corpus Christi	2A	Nueces	
FME	131000115	County Road 6- North Carreta Creek Drainage Improvements	Restoration project to bring this section of North Carreta creek (located between CR6 and Meadowbrook Road) back to its original elevation as built by USDA Soil Conservation Service in 1960. Located in Bishop, TX.	\$ 100,000	Nueces County	1B	Nueces	
FME	131000116	Tierra Grande Subdivision Drainage Improvements Feasibility Study	Hydrological and Hydraulic Study to provide drainage solutions to reduce flooding within the subdivision due to existing hydrological flow patterns from regional, upgradient, and local runoff drainage areas flowing toward the center of the subdivision.	\$ 250,000	Nueces County, Town of Tierra Grande	7A	Nueces	
FME	131000120	Redfish Bay Protection and Enhancement	Coastal Texas Protection and Restoration Feasibility Study - SP1 Restoration of the Dagger, Ransom, and Stedman Island complex via introduction of breakwater and supporting reefballs along the backside of Redfish Bay and on the bayside of the islands.	\$ 51,613,000	Texas General Land Office	1	Nueces, San Patricio	

Recommended List of Flood Mitigation Actions (FMX)s,
for Nueces County

Type (FMX)	ID	Name	Description	Estimated Study Cost	Sponsor	RFPG Goal ID	Counties	2024 Amended RFP Action
FME	131000122	Port Aransas Nature Preserve Stabilization and Restoration	Repair of ship channel revetment breaches on northern Mustang Island; Constructing living shoreline near the ship channel; Rebuilding marsh/wetland habitat; Repair of Charlie's Pasture bulkhead; and Permitting this site for elevation via dredged material.	\$ 680,000	Port Aransas, Port of Corpus Christi Authority	5	Nueces	
FME	131000141	Outfall No. 10	Hazard mitigation drainage improvements for the City of Port Aransas. Outfall 10 is 3 5'x2' RCBs and extends Southwest from the Northwest end of Howard Blvd to a nearby basin.	\$ 130,000	Port Aransas	5A	Nueces	
FME	131000142	Outfall No. 9	Hazard mitigation drainage improvements for the City of Port Aransas. The outfall has a 8'x3' RCB extending West from HWY 361 to an existing basin, 441 ft. North of the HWY 361 and Access Road 1A intersection.	\$ 198,000	Port Aransas	5A	Nueces	
FME	131000143	Outfall No. 5	Hazard mitigation drainage improvements for the City of Port Aransas. The outfall is composed of two 48" RCPs and extend West from HWY 361 to a nearby basin. Outfall is 361 ft. South of Mustang Blvd and HWY 361 intersection.	\$ 12,000	Port Aransas	5A	Nueces	
FME	131000144	Outfall No. 2	Hazard mitigation drainage improvements for the City of Port Aransas. Outfall 2 is a trapezoidal channel and goes northwest from SH 361 to an existing basin. Outfall is approximately 5.7 miles SSW of Aransas along SH 361.	\$ 48,000	Port Aransas	5A	Nueces	

Recommended List of Flood Mitigation Actions (FMX)s,
for Nueces County

Type (FMX)	ID	Name	Description	Estimated Study Cost	Sponsor	RFPG Goal ID	Counties	2024 Amended RFP Action
FME	131000148	Kinney St. Pump Station Inlet Modifications	It is recommended that modifications be made to increase the size and capacity of the inlet to the Kinney Street Pump Station.	\$ 117,000	Corpus Christi	5A	Nueces	
FME	131000149	Power St. Pump Station Improvements	Improvements to the inlet of Power Street Power Station will improve upstream drainage hydraulics throughout the basin. It is proposed to widen the inlet as much as possible to reduce headloss at the Power Station Inlet.	\$ 201,000	Corpus Christi	5A, 9A, 9B	Nueces	
FME	131000180	Petronilla Drainage Improvements Feasibility Study	Petronilla Drainage Improvements Feasibility Study	\$ 100,000	Petronilla	5A	Nueces	
FME	131000181	COASTAL BEND MITIGATION ACTION PLAN - NU - 64	To improve drainage throughout the City of Agua Dulce, it is necessary to properly assess the community drainage needs and establish a local prioritization plan to serve as a guide to successful flood mitigation	\$ 250,000	Agua Dulce	5	Nueces	
FME	131000193	Risk Area 31 - Santa Maria	Runoff collects and ponds along Santa Maria Ln flooding the road and structures.	\$ 150,000	Corpus Christi	5	Nueces	New FME
FME	131000194	Risk Area 25 - Corpus Christi International Airport	Runoff from surrounding drainage creeks cause flooding and mobility issues for the airport.	\$ 150,000	Corpus Christi	5	Nueces	New FME
FME	131000195	Risk Area 23 - Tierra Grande & Crossroads Estates	Local flooding and ponding due to current terrain and development.	\$ 100,000	Corpus Christi	5	Nueces	New FME
FME	131000196	Risk Area 29 - US Naval Base	Ponding occurs throughout the base causing mobility issues.	\$ 100,000	Corpus Christi	5	Nueces	New FME
FME	131000197	Risk Area 12 - FM 1694 & TX 44 North	Flooding causes mobility issues at intersection. TX44 North also acts as a dam and is causing additional flooding to the area West of it.	\$ 150,000	Robstown	5	Nueces	New FME

Recommended List of Flood Mitigation Actions (FMX)s,
for Nueces County

Type (FMX)	ID	Name	Description	Estimated Study Cost	Sponsor	RFPG Goal ID	Counties	2024 Amended RFP Action
FME	131000198	Risk Area 21 - FM 665 & CR 69 Area	Floodwaters overtop portions of FM 65 causing mobility issues. The residential area is inundated by runoff from the North.	\$ 100,000	Robstown	5	Nueces	New FME
FME	131000199	Risk Area 09 - IH 69E Crossing	The interstate crossing becomes inundated and causes mobility issues for the area.	\$ 100,000	Robstown	5	Nueces	New FME
FME	131000200	Risk Area 08 - North Robstown	Low terrain spots and roads create excess ponding from flow that makes it's way into the North Robstown area and is unable to properly drain out.	\$ 150,000	Robstown	5	Nueces	New FME
FME	131000201	Risk Area 10 - Robstown Drains	Excess runoff from surrounding stream flows W to E through the area. Local ponding and flooding also occurs in most of the residential area.	\$ 150,000	Robstown	5	Nueces	New FME
FME	131000202	Risk Area 14 - County Road 61 & TX 44	Excess runoff and backwater from Oso Creek inundate portions of TX 44 and it's intersection with Co Rd 61 and is causing mobility issues for the area.	\$ 100,000	Robstown	5	Nueces	New FME
FME	131000203	Risk Area 13 - FM 1694 & TX 44 South	Flooding causes mobility issues at intersection. TX44 South also acts as a dam and is causing additional flooding to the area West of it.	\$ 100,000	Robstown	5	Nueces	New FME
FME	131000204	Risk Area 18 - FM 892	FM 892 becomes inundated and causes mobility issues.	\$ 150,000	Robstown	5	Nueces	New FME
FME	131000205	Risk Area 17 - Lost Creek & Nye & Peterson Farm	Petronila creek overflows and inundates the whole area.	\$ 150,000	Robstown	5	Nueces	New FME
FME	131000206	Risk Area 22 - Petronila Acres	Runoff from stream B-07 and UNT 1 to B-07 spill over and flow through the residential areas of Petronilla acres as it flows towards stream B-15.	\$ 250,000	Robstown	5	Nueces	New FME

Recommended List of Flood Mitigation Actions (FMX)s,
for Nueces County

Type (FMX)	ID	Name	Description	Estimated Study Cost	Sponsor	RFPG Goal ID	Counties	2024 Amended RFP Action
FME	131000207	Risk Area 24 - San Petronila Estates	Excess runoff overtops Co Rd 63 and Co Rd 14F and floods into the residential area.	\$ 150,000	Robstown	5	Nueces	New FME
FME	131000208	Risk Area 15 - Spring Gardens & Primavera Estates	Runoff collects and ponds throughout the residential areas without adequate ways to drain out.	\$ 100,000	Robstown	5	Nueces	New FME
FME	131000209	Risk Area 16 - Tierra Verde	Runoff collects and ponds throughout the residential areas. As runoff increases the flow moves through and further inundates the residential area.	\$ 100,000	Robstown	5	Nueces	New FME
FME	131000210	Risk Area 02 - Westwood Estates	Sweetwater Rd becomes very inundated with runoff from Agua Dulce Creek and Banquette Creek. Much of flooding of the rest of the area is runoff from Agua Dulce creek and local drainage issues.	\$ 150,000	Robstown	5	Nueces	New FME
FME	131000211	Risk Area 30 - Petronila Creek Environmental Study	Water quality analysis needed for Petronilla creek where it enters Baffin Bay in Kleburg County. Implement water quality gauges at several locations along Petronila Creek.	\$ 250,000	Nueces County	5	Nueces,Kleberg	New FME
FMS	132000037	Citywide Stormwater System Inspection	Inspect the City's storm water infrastructure to determine needed repairs.	\$ 250,000	Corpus Christi	5	Kleberg,Nueces,San Patricio	
FMP	133000016	Kinney St. Pump Station Inlet Modifications	It is recommended that modifications be made to increase the size and capacity of the inlet to the Kinney Street Pump Station to improve its hydraulic efficiency	\$ 499,000	Corpus Christi	5	Nueces	New FMP

Recommended List of Flood Mitigation Actions (FMX)s,
for Nueces County

Type (FMX)	ID	Name	Description	Estimated Study Cost	Sponsor	RFPG Goal ID	Counties	2024 Amended RFP Action
FMP	133000017	Power St. Pump Station Improvements	Improvements to the inlet of Power Street Power Station will improve upstream drainage hydraulics throughout the basin. It is proposed to widen the inlet as much as possible to reduce head loss at the Power Station Inlet.	\$ 875,000	Corpus Christi	5	Nueces	New FMP
FMP	133000018	Risk Area 06 - Agua Dulce	Excessive runoff passing over CO Rd 105 further inundates the town of Agua Dulce. Both detention and channel improvements will be needed.	\$ 93,479,760	Agua Dulce	5	Nueces	New FMP
FMP	133000019	Risk Area 05 - Banquete	Water backs up along several roadways and causes significant flooding in the area. Restricted flow at several structures within the area causes overflow into Banquete Creek.	\$ 64,693,200	Banquete	5	Nueces	New FMP
FMP	133000020	Risk Area 07 - La Paloma Ranch	Ponding at intersect of La Paloma and CR 18 and buried culvert at intersect of La Paloma and CR 93. At a culvert crossing with creek B-17 & CR 93, flow overtops the road cutting off main route that connects La Paloma with FM 665.	\$ 23,031,510	Bishop	5	Nueces	New FMP
FMP	133000021	Risk Area 26 - Balchuck Ln & Digger Ln Improvements	Many drainage issues from recent development and runoff from nearby streams cause flooding in the residential areas.	\$ 19,160,010	Corpus Christi	5	Nueces	New FMP
FMP	133000022	Risk Area 27 - Nottingham Acres	Flows flooding Loxley Dr come from the open field W of the neighborhood and have limited existing drainage infrastructure. Runoff attempts to flow E but ponds up due to existing terrain.	\$ 49,134,992	Corpus Christi	5	Nueces	New FMP

Recommended List of Flood Mitigation Actions (FMX)s,
for Nueces County

Type (FMX)	ID	Name	Description	Estimated Study Cost	Sponsor	RFPG Goal ID	Counties	2024 Amended RFP Action
FMP	133000023	Risk Area 28 - South Prairie Estates	S Prairie Rd and Rabbit run are inundated by runoff from surrounding areas.	\$ 34,515,512	Corpus Christi	5	Nueces	New FMP
FMP	133000024	Risk Area 19 - Driscoll	Initially water flows from Driscoll from S to N, flowing into Petronila Creek. Petronila Creek eventually flows N to S through Driscoll. Petronila splits W around Driscoll and through Driscoll heading E over Highway 77.	\$ 73,965,664	Driscoll	5	Nueces	New FMP
FMP	133000025	Risk Area 11 - Callicoate Farms	Runoff collects and passes over the area near the CO Rd 44 and FM 1694 intersection and surrounding structures before making it's way to Oso Creek and Ditch A to Oso Creek	\$ 6,056,940	Robstown	5	Nueces	New FMP
FMP	133000026	Risk Area 20 - Fiesta Ranch	The area is initially flooded through local runoff. Eventually flooding and backwater from Petronilla creek further inundates the area.	\$ 35,398,560	Robstown	5	Nueces	New FMP
FMP	133000027	Risk Area 03 - Indian Trails	First peak of flooding primarily due to ponding and local drainage within Indian Trails subdivision. Second peak of flooding primarily due to stream flooding reaching the risk area with flow block by portions of FM 1833 and FM 666.	\$ 33,392,340	Robstown	5	Nueces	New FMP
FMP	133000028	Risk Area 01 - Ranch and Cyndie Park	Localized flooding begins in neighborhood and worsens as Quinta Creek flows through the low-lying area the neighborhood sits in.	\$ 421,681,184	Robstown	5	Nueces	New FMP
FMP	133000029	Risk Area 04 - Rancho Banquete	Once runoff clears, flow backwaters into neighborhood due to stream confluence and a downstream bridge acting as a choke point.	\$ 55,453,800	Robstown	5	Nueces	New FMP

Recommended List of Flood Mitigation Actions (FMX)s,
for Nueces County

Type (FMX)	ID	Name	Description	Estimated Study Cost	Sponsor	RFPG Goal ID	Counties	2024 Amended RFP Action
FMP	133000030	Robstown Various Drainage Improvements (FH#8,10, 12)	Project consists of city wide drainage improvements to West, East, and North sections of Robstown, to include regional detention facilities and channel / culvert improvements.	\$ 56,307,272	Nueces County Drainage District No.2	5	Nueces	New FMP

# of Recommended FMXs		
FMX	2023 RFP	2024 Amended RFP
FME	19	35
FMS	1	1
FMP	0	15
	20	51

Other FMXs that list county in project/study area but are sponsored by an entity outside the county (refer to Appendix A, Tables 15-17 for more information)

FMX	ID	Name	Sponsor
FME	131000174	Nueces Basin Early Flood Warning System	Nueces River Authority
FME	131000175	Nueces Basin Low Water Crossing Study and Upgrade Prioritization	Nueces River Authority
FME	131000176	Nueces Basin High Hazard Dam Identification and Risk Assessment	Nueces River Authority
FME	131000177	Nueces Basin Floodplain Map Updates	Nueces River Authority
FME	131000178	Nueces Basin Assessment of Flood Mitigation and Performance of Nature-based Solutions (NBS)	Nueces River Authority
FME	131000179	Scaling Up Nature-based Solutions (NBS) in the Nueces Flood Planning Region	Nueces River Authority
FMS	132000042	San Patricio County Dam Failure Education Progreem	San Patricio County
FMS	132000050	Nueces Basin Minimum Flood Management Standards	Nueces River Authority
FMS	132000051	Nueces Basin Flood Public Information Campaign	Nueces River Authority