

**LEGEND**

**NWS Historical Data**

- ▲ Fatality Location
- ▲ Injury Location
- ▲ Property Loss Location
- Flood Prone Areas Public Comments

**Background Data**

- Low Water Crossings (TWDB)
- Major Rivers
- Minor Roads
- Major Highways

- Conservation Easements\*
- Cities
- Counties
- Region 13 Boundary

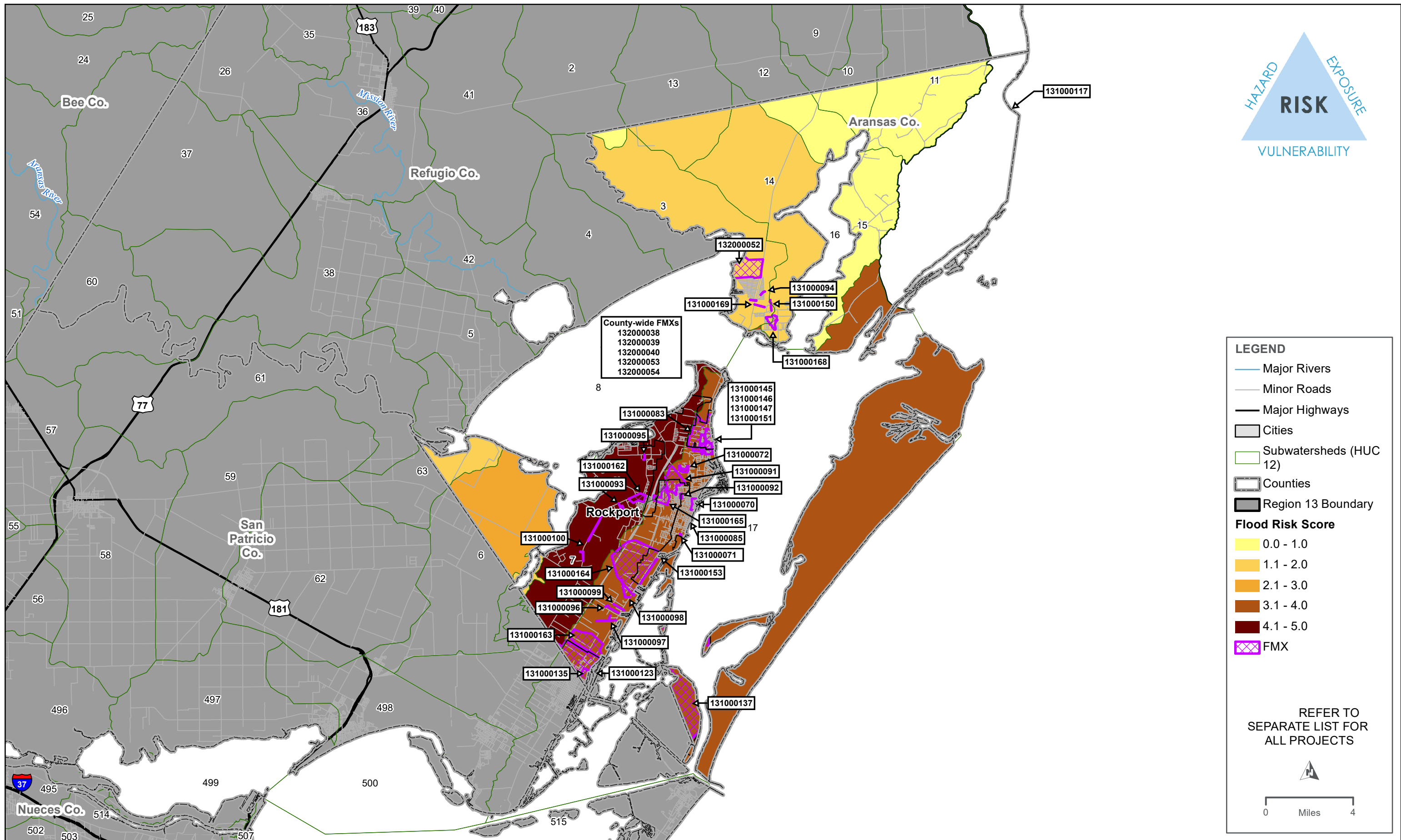
**Existing Flood Hazard**

- 100 year
- 500 year
- Flood Prone Area



\*SOURCE OF CONSERVATION EASEMENTS:  
TNC, TALT, NRCS, NCED, HILL COUNTRY ALLIANCE, EDWARDS AQUIFER PROTECTION PROGRAM AND OTHERS





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

DRAFT



List of Flood Mitigation project (FMP)s, Flood management Evaluation (FME)s and Flood Management Strategy (FMS)s for Aransas County

Type (FMP/FME/FMS) <sup>1</sup>	ID	Name	Description	Cost	Sponsor	Goals	RFPG Goals ID
FME	131000091	Upper Tule Stormwater System	Design Stormwater System for Future Demand at Upper Tule	\$2,000,000	Aransas County	13000014	5A
FME	131000168	SE Lamar Buyout	Study to quantify needed extents for drainage easement acquisitions at Lamar Golf Course for a future drainage infrastructure projects to reduce flooding on area county roads.	\$1,500,000	Aransas County	13000020	7A
FME	131000092	Racine Stormwater Improvements	Use wetland to catch stormwater by acquiring easements and constructing outfalls	\$500,000	Aransas County	13000020	7A
FME	131000093	Club Lake Drainage Channel	Construct drainage channel from Club Lake to FM 1069; most easements have been acquired –initial negotiations with one property owner, likely seller at right price, but condemnation likely required for one property owner	\$2,000,000	Aransas County	13000014	5A
FME	131000094	Holiday Beach East Outfall Construction	Construct outfall east to Aransas Wildlife Refuge and construct outfall west to HWY 35 Bypass. Construct culvert under HWY 35 Bypass. Improve drainage channel to from HWY 35 Bypass to Copano Bay	\$2,000,000	Aransas County	13000014	5A
FME	131000169	SC Lamar Easement Acquisition	Study to quantify needed extents for drainage easement acquisitions for surface stormwater conveyance system from Southcentral Lamar (Bee Tree Circle) to Hwy 35 Bypass	\$1,000,000	Aransas County	13000013	5
FME	131000150	12TH Street (Lamar) Drainage Channel Construction	Construct drainage channel from 12th St. to Bee Tree Circle	\$1,000,000	Aransas County	13000014	5A
FME	131000095	Sparks Colony Channel Construction	Construct channel from Rattlesnake Point Road to Bailey Ranch (project partially complete); easements still needed from two property owners (one owner has an out-of-town address and has been so far unreachable)	\$1,500,000	Aransas County	13000014	5A
FME	131000096	Lee Road Drainage Channel Construction	Construct drainage channel from Lee Road to HWY 35-BUS	\$1,000,000	Aransas County	13000014	5A



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FME	131000097	Mohawk Drainage Channel Construction	Construct drainage channel to connect existing ponds (property owner is supportive)	\$2,000,000	Aransas County	13000014	5A
FME	131000098	Nell Road Channel Construction	Construct drainage channel from Nell Road to outfall, route undefined	\$1,000,000	Aransas County	13000014	5A
FME	131000100	Bee Road Drainage Channel Construction	Construct drainage channel from HWY 35 Bypass to Port Bay; easements needed from three property owners, two are contentious	\$1,500,000	Aransas County	13000014	5A
FME	131000099	Mack Road Drainage Channel Construction	Construct drainage channel from Mack/Walker intersection to HWY 35 BUS; route undefined	\$2,000,000	Aransas County	13000014	5A
FME	131000162	Aransas County Griffith Street Drainage Improvements	PCT. 1/2-Griffith St. projects 1,2,3: Surface stormwater improvements. Projects begin at Griffith St. and Ivy Ln. and converge at Cape Valero drainage channel.FM 1069 to get drainage structure at two locations. Reduce building and infrastructure flood risk.	\$591,030	Aransas County	13000014	5A
FME	131000163	Aransas County Drainage Improvements - Southeast 35 - Project 2	Aransas County Texas Multi-Jurisdictional Hazard Mitigation Action Plan - Action #25: Precinct 1/1A - Southeast 35 - Project 2. Reduce flood risk to buildings and infrastructure by making improvements to the County drainage system	\$167,200	Aransas County	13000014	5A
FME	131000164	Aransas County Drainage Improvements - Southeast 35 - Project 1	Aransas County Texas Multi-Jurisdictional Hazard Mitigation Action Plan - Action #26: Precinct 1/1A - Southeast 35 - Project 1. Reduce flood risk to buildings and infrastructure by making improvements to the County drainage system	\$246,510	Aransas County	13000014	5A
FME	131000151	Aransas County Drainage Improvements - Henderson Street Property - Project 4	Aransas County Texas Multi-Jurisdictional Hazard Mitigation Action Plan - Action #28: Precinct 3 - Henderson Street Property - Project 4. Reduce flood risk to buildings and infrastructure by making improvements to the County drainage system	\$1,074,150	Aransas County	13000014	5A
FME	131000123	Conn Brown Harbor Bulkhead Improvements	Install bulkheads at Conn Brown Harbor to protect new and existing buildings and infrastructure.	\$1,000,000	Aransas Pass	13000016, 13000021	5A, 7B

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FME	131000135	Purchase Land Behind Aransas Pass Levees	Purchase land behind levees to prevent people from building in a floodplain area. This will allow the City to use this land for preventing further flooding.	\$500,000	Aransas Pass	13000020	7A
FME	131000137	Aransas Pass Homeowner Buyout Program	Develop and implement a buyout program. The purpose is to buy out land owners in areas that have had repeated monetary lose due to storm flooding.	\$500,000	Aransas Pass	13000015, 13000021	5, 7B
FME	131000083	Fulton Drainage Master Plan	New stormwater master plan that includes a capital improvement plan	\$150,000	Town of Fulton	13000014, 13000016	5A, 6
FME	131000153	Cove Harbor Bulkhead Construction	Aransas County Texas Multi-Jurisdictional Hazard Mitigation Action Plan - Action #58: Cove Harbor Bulkheads - bulkhead construction will provide erosion protection improvements	\$15,000,000	Aransas County Navigation District	13000016, 13000021	6, 7B
FME	131000165	Aransas County Drainage Improvements - Project 3	Aransas County Texas Multi-Jurisdictional Hazard Mitigation Action Plan - Action #62: Master Plan - Drainage Improvements - Project 3 - Market St (FM1069) at SH 35 Bypass, Hickory & Steart	\$1,411,411	Aransas County	13000014	5A
FME	131000072	Rockport County Club Lakes	RCC Lakes - Upgrade drainage system and increase the capacity of the lakes within the Rockport County Club	\$376,800	City of Rockport	13000014	5A
FME	131000085	Modify Pump Station Outfalls	Modify outfalls of pump station that pump into Aransas Bay at Murray, Morgan, Lamar, Corpus Christi and 1st St. Raise outfall so above sea level to reduce backwater effect on the system.	\$2,000,000	City of Rockport	13000014	5A
FME	131000163	Aransas County Flood Response Plan	Aransas County Multi-Jurisdictional Floodplain Management Plan - Action 3.1.f: A flood response plan that will identify outreach projects that can be utilized to implement a flood information program.		Aransas County	13000024	8B
FME	131000117	Aransas National Wildlife Refuge Dagger Point	Texas Coastal Resiliency Master Plan - R3-3: Project would install a living shoreline using breakwaters. This project would help protect the	\$2,600,000	Coastal Bend Bays and Estuaries Program, U.S.	1E+07	7A

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			shoreline along Dagger Pointas well as nearby critical habitat and public infrastructure.		Fish and Wildlife Service, Aransas National Wildlife Refuge, U.S. Department of the Interior		
FME	131000075	Shoreline Preservation	Storm sewer replacement between Humble Ave. and Mustang Ave.as well as between Mustang Ave. and Ave. B channel. Improvements from 5th St., 6th St., 7th St., and 8th St. into the improved Ave. B channel, and downstream channel excavation.	\$5,000,000	City of Ingleside	13000014	5A
FMS	132000052	Shell Point Ranch Wetlands Protection	Texas Coastal Resiliency Master Plan - R3-5: Acquisition of approx 400 acres of coastal habitats and the southernmost extents of mima mounds at Shell Point Ranch. The acquisition also would mitigate flooding and storm surge damage to the area.	\$5,000,000	TPWD	13000020	7A
FMS	132000038	Flood Mitigation Public Education	Design and implement a program for public education. The program will educate citizens on methods of hazard mitigation and risk reduction. To be incorporated into Aransas County's floodplain management program as part of CRS.	\$2,500	Aransas County	13000022	8
FME	131000070	Downtown Rockport Drainage Study	Design and conduct an engineering study to address flooding in downtown Rockport	\$1,000,000	City of Rockport	13000010	4
FMS	132000039	Aransas County Wetlands Preservation Plan	Aransas County Texas Multi-Jurisdictional Hazard Mitigation Action Plan - Action #4: Create a county-wide wetlands preservation plan	\$2,500	Aransas County	13000008, 13000020	3A, 7A
FMS	132000053	Aransas County Coastal Erosion Response Plan	Aransas County Texas Multi-Jurisdictional Hazard Mitigation Action Plan - Action #9: Create an erosion response plan. New and existing buildings and infrastructure will benefit from coastal erosion protection	\$2,500	Aransas County	13000016	6

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FME	131000147	Town of Fulton Palmetto Outfall Improvements	New storm drain pipes, inlets, and channel improvements with new outfall structure to Aransas Bay. Reduce frequency of roadway flooding and risk of property flooding in Southern Fulton, Northern Rockport, and Rockport CC/Tulle Creek area	\$10,000,000	Town of Fulton	13000014	5A
FMS	132000054	Aransas County Educational Signage Program	Aransas County Multi-Jurisdictional Floodplain Management Plan - Action 3.1.e: Develop and install educational signage regarding flood safety to located along low areas of roadways likely to flood.	\$7,000	Aransas County	13000001	1
FME	131000071	Easement Outfall Loop 70 & Shell Ridge Rd	Purchase Drainage easement and construct outfall ditch south of Church St		City of Rockport	13000014	5A
FME	131000146	Fulton East Drainage Improvements	Collection system improvements include collection swales, inlets, drain pipes, manholes or junction boxes, and collection of the system to existing major drainage outfalls or the construction of new outfalls.	\$6,000,000	Town of Fulton	13000014	5A
FME	131000145	Fulton West Drainage Improvements	Collection System Improvements include inlets, drain pipes, manholes or junction boxes, collection swales, and connection of the system to existing major drainage outfalls.	\$3,000,000	Town of Fulton	13000014	5A
FMS	132000040	Aransas County Flood Warning System	The county needs flood warning systems throughout the region.		Aransas County	13000007	3

<sup>1</sup> Flood Management Evaluation (FME)- flood study of a specific flood prone area needed to assess risk

Flood Mitigation Project (FMP)- structural or non-structural project that when implemented will reduce flood risk, mitigate hazards to life or property. Includes nature-based solutions. 'No negative impact'

Flood Management Strategy (FMS)- proposed plan to reduce flood risk or mitigate flood hazards. Any action that a RFPG would like to evaluate and recommend that does not qualify as FME or FMP