

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

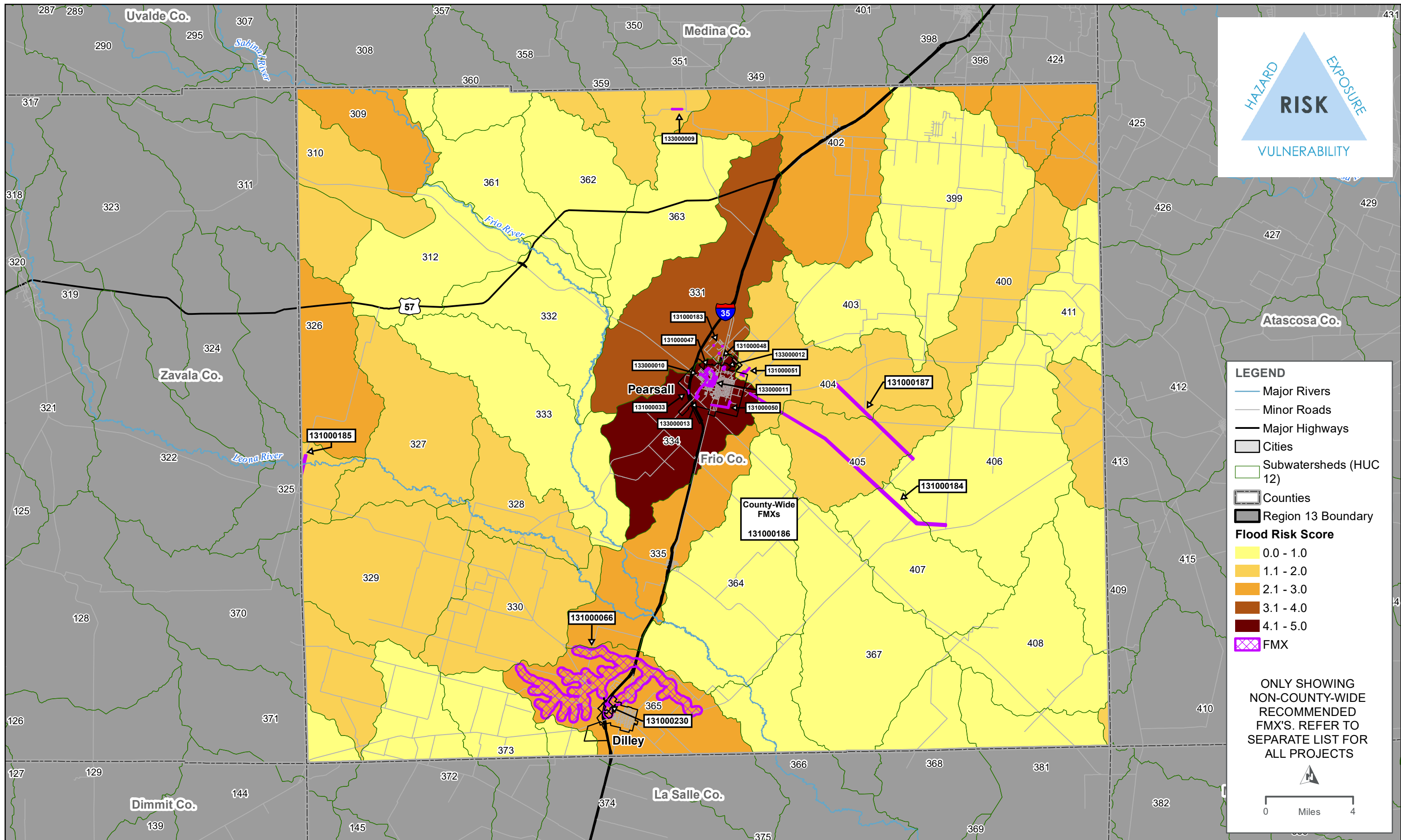
- 100 year
- 500 year
- Reported Flood Prone Area of Unknown Frequency



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

REGION 13 - EXISTING FLOOD HAZARD - FRIO COUNTY
MAP 23H1





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

MAP 23H2



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

Type (FMX)	ID	Name	Description	Estimated Study Cost	Sponsor	RFPG Goal ID	Counties	2024 Amended RFP Action
FME	131000032	Gilliam Rd Drainage-Improvements- FH#9	Install series of underground storm water lines and drop structures along Loma Vista Closed street and Gilliam road near Sewer Treatment Plant tying in to the existing Channel on FM1581.	\$ 279,000	Pearsall	5	Frio	Advanced to FMP and removed
FME	131000033	CR4001 and I-35 Access Road Drainage- FH#10	Install trapezoidal concrete channel and proposed culvert crossings at the driveways along south of IH-35 access at CR4001 tying into the existing drainage channel 1700 LF south of the intersection of IH-35 access at CR4001.	\$ 530,000	Pearsall	5	Frio	-
FME	131000044	Colorado Street Drainage-Improvements- FH#1	Install series of underground storm water trunk lines and drop structures along Garcia Street and Colorado Street before outfalling in to trapezoidal channel on S. Puente Street.	\$ 571,000	Pearsall	5	Frio	Advanced to FMP and removed
FME	131000045	Trinity Street & N Cherry Street Drainage-Improvements- FH#2	Install series of underground storm water trunk lines and drop structures along N Cherry street tying in to the existing 2-8'x7' concrete boxes on W San Antonio Street.	\$ 1,218,000	Pearsall	5	Frio	Advanced to FMP and removed
FME	131000046	W Comal St & FM 1581 Drainage Channel- FH#3	Install trapezoidal concrete channel and upsize existing culverts at the crossing on W Comal Street and W San Antonio street at FM1581 intersections.	\$ 86,000	Pearsall	5	Frio	-
FME	131000047	W Pena St and N Mulberry St Drainage Improvements- FH#4	Install series of underground storm water trunk lines and drop structures along Pena street and N Willow street tying into the existing 10'x4' concrete boxes on N Mulberry Street.	\$ 529,000	Pearsall	5	Frio	-

Recommended List of Flood Mitigation Actions (FMX)s,
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Type (FMX)	ID	Name	Description	Estimated Study Cost	Sponsor	RFPG Goal ID	Counties	2024 Amended RFP Action
FME	131000048	Pearsall RV Park on Guadalupe Street Drainage Improvements- FH#5	Install underground storm water trunk lines and drop structures at the intersection of Powerplant Road and Guadalupe Street carrying drainage to avoid flooding before outfalling in to earthen swale on Powerplant Road.	\$ 367,000	Pearsall	5	Frio	-
FME	131000049	Westview Apartment Detention Pond- Underground Drainage- FH#6	Install series of underground storm water trunk lines and drop structures in the alley running along Colorado Street before tying in to the proposed drainage on Garcia Street.	\$ 233,000	Pearsall	5	Frio	Advanced to FMP and removed
FME	131000050	S Roosevelt Street and E Haynes Avenue Drainage- FH#7	Install series of underground storm water lines and drop structures along S Roosevelt Street and E Carter Street acquiring drainage easement of 27000 SF south west of S Roosevelt Street tying in to the existing earthen channel on S Oak Street.	\$ 764,000	Pearsall	5	Frio	-
FME	131000051	N Roosevelt Street and Chapparral Road Drainage- FH#8	Install series of underground storm water lines and drop structures on N Roosevelt Street acquiring drainage easement of 12500 SF north of intersection of S Roosevelt Street and Chapparral Road outfalling to existing earthen swale on Nail Road(CR2015).	\$ 749,000	Pearsall	5	Frio	-
FME	131000066	Martin Branch Drainage Study	Martin Branch Drainage Study to evaluate existing flood risk for multiple roadway crossings and potential structural flooding along Martin Branch, just north of Dilley	\$ 150,000	Frio County	5	Frio	-

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Type (FMX)	ID	Name	Description	Estimated Study Cost	Sponsor	RFPG Goal ID	Counties	2024 Amended RFP Action
FME	131000183	North Pearsall Drainage Improvements (Frio County Project #5)	Project to make drainage improvements at three locations in North Pearsall, Texas. Crossing No 1 is at Horizon West Drive (CR 1056), Crossing No 2 is at Armadillo Road (CR 1143), and Crossing No 3 is at Nolan Road (CR 1001).	\$ 197,000	Frio County	5	Frio	New FME
FME	131000184	CR 3000 / Keystone Road Drainage Improvements (Frio County Project #10)	Drainage study and PS&E for County Road 3000 and Keystone Road. Project cost was developed from the 2022-2023 Proposed Budget for Drainage Projects by the Frio County Road and Bridge Department.	\$ 75,000	Frio County	5	Frio	New FME
FME	131000185	CR 4757 / Leona River Road Bridge Replacement (Frio County Project #11)	PS&E and bridge replacement at County Road 4757 and Leona River Road. The current road is a single lane bridge and low water crossing.	\$ 65,000	Frio County	5	Frio	New FME
FME	131000186	Countywide Bridge Repairs (Frio County Project #12)	Countywide project to perform bridge repairs (repair abutments, clean bridge joints, repait riprap). Project cost was developed from the 2022-2023 Proposed Budget for Drainage Projects by the Frio County Road and Bridge Department.	\$ 75,000	Frio County	5,9	Frio	New FME
FME	131000187	CR 3300 / South Goldfinch Road Roadway Reconstruction and Drainage Improvements	PS&E project to re-construct roadway and make drainage improvements to County Road 3300 and South Goldfinch Road.	\$ 859,000	Frio County	5	Frio	New FME
FME	131000230	CR 4656 / Vine Loop Drainage Improvements (Frio County Project #9)	Project to make drainage improvements on County Road 4656 (new road: Vine Loop) in Dilley, Texas. Drainage study is underway by Poznecki Camarillo. Right-of-Entry and survey still need to be obtained.	\$ 76,000	Frio County	5	Frio	New FME

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Type (FMX)	ID	Name	Description	Estimated Study Cost	Sponsor	RFPG Goal ID	Counties	2024 Amended RFP Action
FMP	133000009	CR 1520 / Tehuacana Rd. Drainage Improvements (Frio County Project #8)	Drainage Study PS&E. Existing 36" CMP culvert lacks capacity to convey a 1 yr storm peak discharge across CR 1520. Proposed solution of 12 - 42" x 30' RCPs and raising the roadway profile by approximately 1' in the structure vicinity.	\$ 875,000	Frio County	1	Frio	New FMP
FMP	133000010	FH#1.1: Regional detention pond in Davila Street Tributary	Regional detention pond in Davila Street Tributary.	\$ 3,900,000	Pearsall	5	Frio	New FMP
FMP	133000011	FH#2.1: Storm sewer bypass improvements in Trinity Street Tributary from Trinity Street to Radio Road	Storm sewer bypass improvements in Trinity Street Tributary from Trinity Street to Radio Road.	\$ 8,700,000	Pearsall	5	Frio	New FMP
FMP	133000012	FH#2.2: Detention ponds in the Pearsall High School Grounds	Detention ponds in the Pearsall High School Grounds.	\$ 1,200,000	Pearsall	5	Frio	New FMP
FMP	133000013	FH#3.1: Channel lining and conveyance improvements along FM 1581	Channel lining and conveyance improvements along FM 1581.	\$ 2,300,000	Pearsall	5	Frio	New FMP

# of Recommended FMXs		
FMX	2023 RFP	2024 Amended RFP
FME	11	12
FMS	0	0
FMP	0	5

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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

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Type (FMX)	ID	Name	Description	Estimated Study Cost	Sponsor	RFPG Goal ID	Counties	2024 Amended RFP Action
FME	131000179	Scaling Up Nature-based Solutions (NBS) in the Nueces Flood Planning Region				Nueces River Authority		
FMS	132000050	Nueces Basin Minimum Flood Management Standards				Nueces River Authority		
FMS	132000051	Nueces Basin Flood Public Information Campaign				Nueces River Authority		