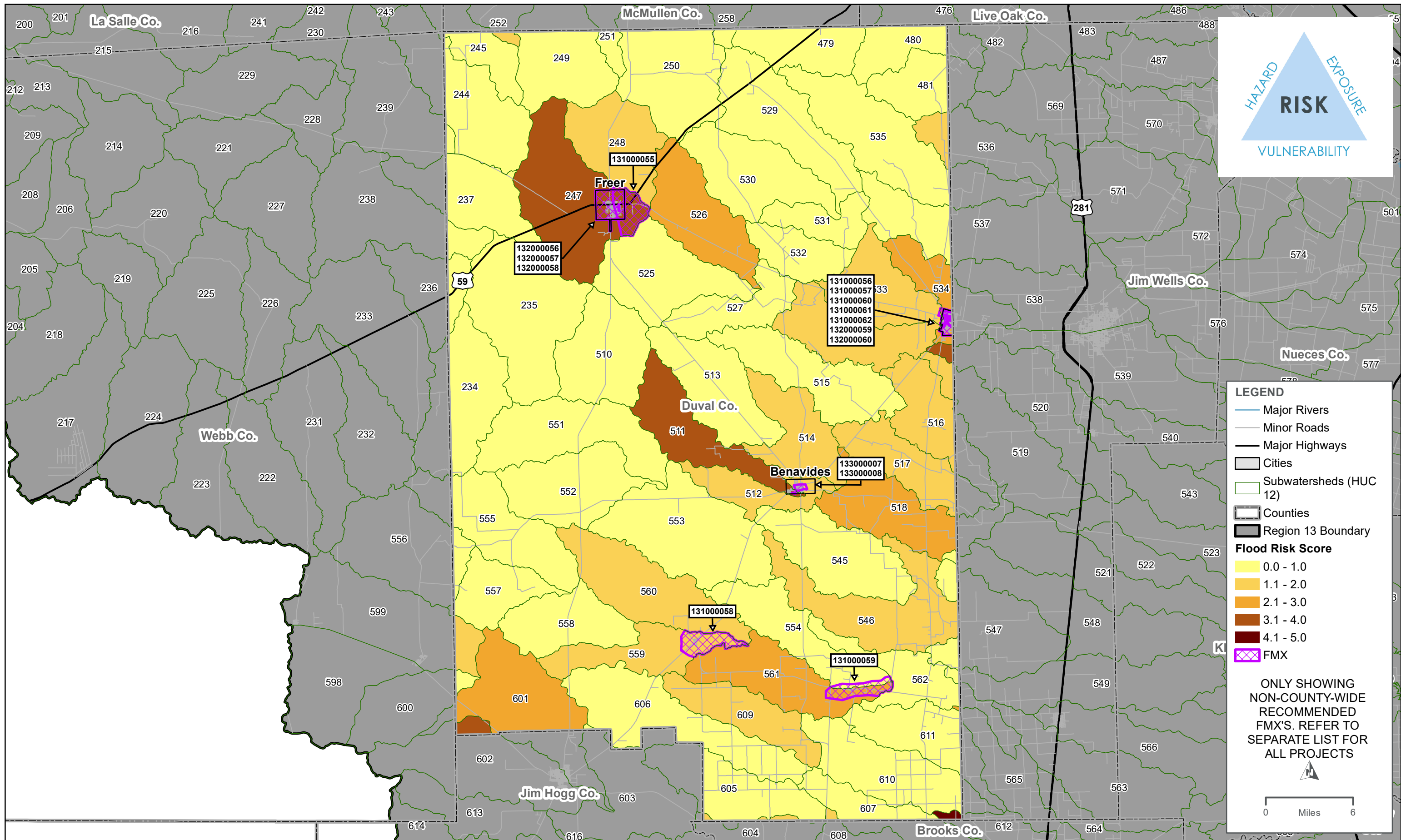


REGION 13 - EXISTING FLOOD HAZARD - DUVAL COUNTY

MAP 23F1







**HAZARD**  
**RISK**  
**EXPOSURE**  
**VULNERABILITY**

**LEGEND**

- Major Rivers
- Minor Roads
- Major Highways
- Cities
- Subwatersheds (HUC 12)
- Counties
- Region 13 Boundary

**Flood Risk Score**

- 0.0 - 1.0
- 1.1 - 2.0
- 2.1 - 3.0
- 3.1 - 4.0
- 4.1 - 5.0

**FMX**

ONLY SHOWING  
NON-COUNTY-WIDE  
RECOMMENDED  
FMX'S. REFER TO  
SEPARATE LIST FOR  
ALL PROJECTS

0 Miles 6



REGION 13 - HIGHEST FLOOD RISK WITH RECOMMENDED FMX'S - DUVAL COUNTY  
MAP 23F2

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

Type (FMX)	ID	Name	Description	Estimated Study Cost	Sponsor	RFPG Goal ID	Counties	2024 Amended RFP Action
FME	131000053	Las Animas Conveyance-Infrastructure	<del>Channel improvements to system near Las Animas Creek to improve conveyance</del> <del>Upsize culverts on Palacios St and S Benavides St</del> <del>Improve conveyance capacity under bridges on HWY 359 and HWY 339</del> <del>Procurement of easements and rights of ways</del>	<del>\$ 150,000</del>	Benavides	5	Duval	Advanced to FMP and removed
FME	131000054	Benavides Main City Network	<del>Improvements to the Drainage System in Central Benavides</del>	<del>\$ 150,000</del>	<del>Benavides, Duval County</del>	5	Duval	Advanced to FMP and removed
FME	131000055	Upsize Burch St Crossing	Increase the capacity on Burch Street by adding a second 36-inch culvert under the road. - Increase culvert capacity on Burch St and other undersized crossings - Channel improvements along the main earthen channel "	\$ 80,000	Freer, Duval County	5	Duval	Advanced but remains as FME, cost updated
FME	131000056	Northern San Diego Street Conveyance Improvement	Improvements to street overland drainage system - Curb and gutter replacement - Improve conveyance by road paving and regrading of prioritized streets "	\$ 250,000	Duval County	5	Duval,Jim Wells	Advanced but remains as FME, cost updated
FME	131000057	Northern San Diego Drainage Improvement Project	Drainage improvements to subsurface drainage systems - installation of new underground drainage infrastructure along Luby street; expansion and improvements to Dix Street System	\$ 250,000	Duval County	5	Duval,Jim Wells	Advanced but remains as FME, cost updated
FME	131000058	Realitos Drainage Improvements	Improvements to surface and subsurface infrastructure of Realitos Drainage System	\$ 150,000	Duval County	5	Duval	
FME	131000059	Concepcion Drainage Improvements	Improvements to drainage infrastructure in Concepcion	\$ 150,000	Duval County	5	Duval	

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

Type (FMX)	ID	Name	Description	Estimated Study Cost	Sponsor	RFPG Goal ID	Counties	2024 Amended RFP Action
FME	131000060	Improvements to Drainage Connectivity along Railroad	Improvement to underground drainage system to increase capacity and improve conveyance on railroad under-crossings and on sections of Highway 44 to improve stormwater drainage from north to south	\$ 250,000	San Diego, Duval County	5	Duval,Jim Wells	Advanced but remains as FME, cost updated
FME	131000061	Improvements to San Diego Levee Outfall System	Improvements to outfall structures and appurtenances along San Diego Levee System	\$ 250,000	San Diego, Duval County	5	Duval,Jim Wells	Advanced but remains as FME, cost updated
FME	131000062	Southern San Diego Drainage Improvement Project	New underground stormwater collection system along Collins Street, including interconnections between existing and new infrastructure.	\$ 250,000	San Diego, Duval County	5	Duval,Jim Wells	Advanced but remains as FME, cost updated
FMS	132000056	Duval County Master Plan-Refine City of Freer Earthen Channel Maintenance Program	Revamp maintenance program for clearing excess debris and vegetation from the earthen channel. Prioritize the cross drains on the upstream side of the earthen channel.	\$ 40,000	Duval County	9	Duval	
FMS	132000057	Duval County Master Plan-Adopt and Enforce Design Standards and Ordinances in Freer	Adopt and enforce design standards and ordinances for new construction projects. Separate design standards exclusively about drainage should be considered.	\$ 100,000	Duval County	6	Duval	
FMS	132000058	Duval County Master Plan-Procure Easements for Drainage Infrastructure in Freer	Significant structures in Freer's drainage system are on private property, and the city does not have an access or maintenance easement. Freer should procure easements to these locations so structures can be maintained without private party involvement.	\$ 20,000	Duval County	9	Duval	

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

Type (FMX)	ID	Name	Description	Estimated Study Cost	Sponsor	RFPG Goal ID	Counties	2024 Amended RFP Action
FMS	132000059	Duval County Master Plan-Clean and Maintain Drainage Infrastructure in San Diego	Clear, clean, and maintain current stormwater drainage infrastructure such as curbs and gutters on roads, culverts, ditches, inlets, and outfalls into San Diego Creek	\$ 205,000	Duval County, Jim Wells	9	Duval,Jim Wells	
FMS	132000060	Duval County Master Plan-Adopt and Enforce Design Standards and Ordinances in San Diego	Adopt and enforce design standards and ordinances for new construction projects. Separate design standards exclusively about drainage should be considered.	\$ 100,000	Duval County, Jim Wells	6	Duval,Jim Wells	
FMP	133000007	City of Benavides Las Animas Conveyance Infrastructure	4,000 linear feet, Clear out creek channel and upsize culverts to six 5-ft by 3-ft boxes.	\$ 5,214,000	Benavides	1,5	Duval	New FMP
FMP	133000008	City of Benavides Main City Network Storm Drain Improvements	Clean filled-in trench drain and outfall channel, upsize existing pipes (7,900 linear feet), 12 new inlets.	\$ 8,617,000	Benavides	1,5	Duval	New FMP

# of Recommended FMXs		
FMX	2023 RFP	2024 Amended RFP
FME	10	8
FMS	5	5
FMP	0	2

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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
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