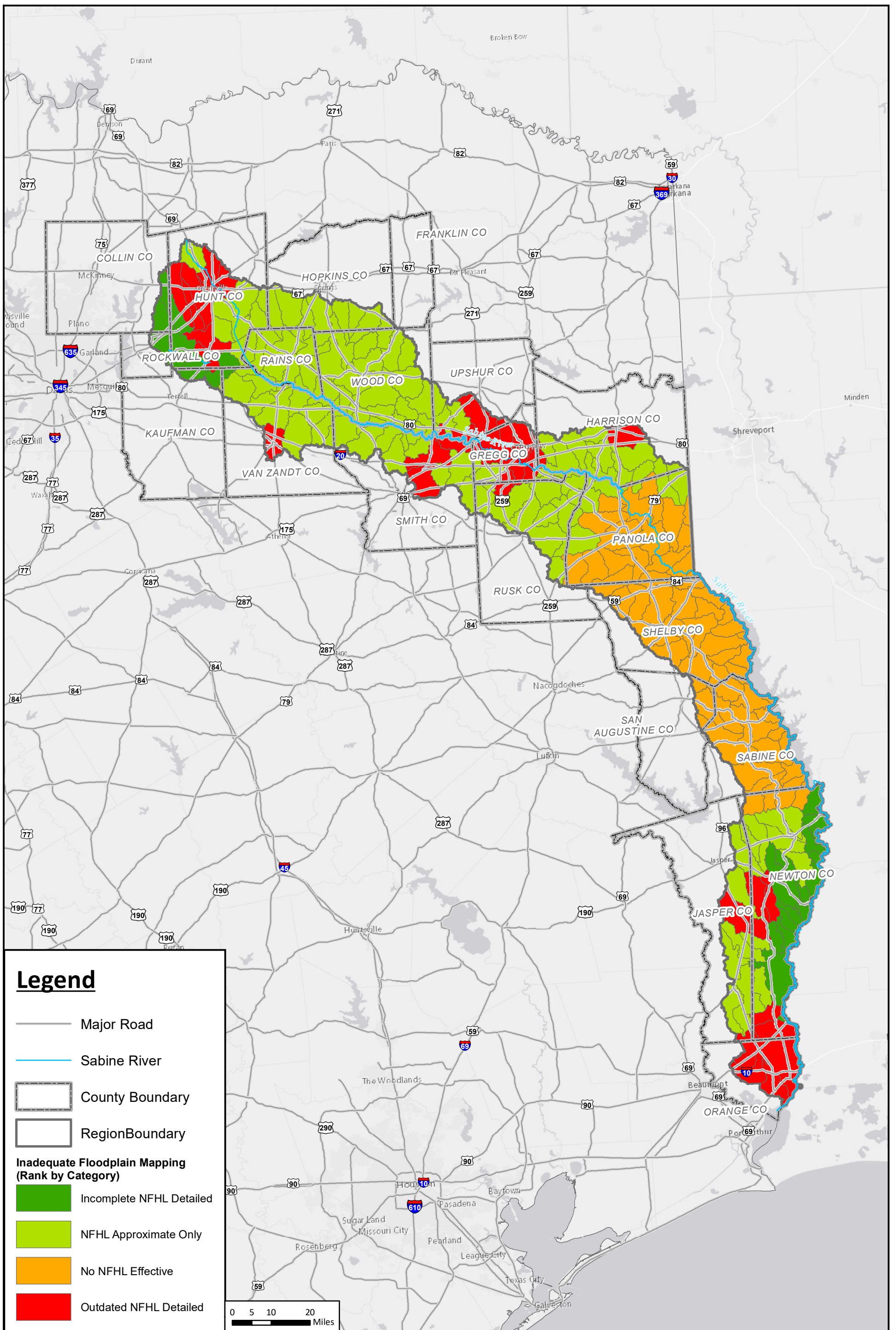










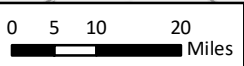
APPENDIX 4-A
SUPPORTING MAPS FOR CHAPTER 4

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Legend

-  Major Road
-  Sabine River
-  County Boundary
-  Region Boundary
- Inadequate Floodplain Mapping (Rank by Category)**
-  Incomplete NFHL Detailed
-  NFHL Approximate Only
-  No NFHL Effective
-  Outdated NFHL Detailed

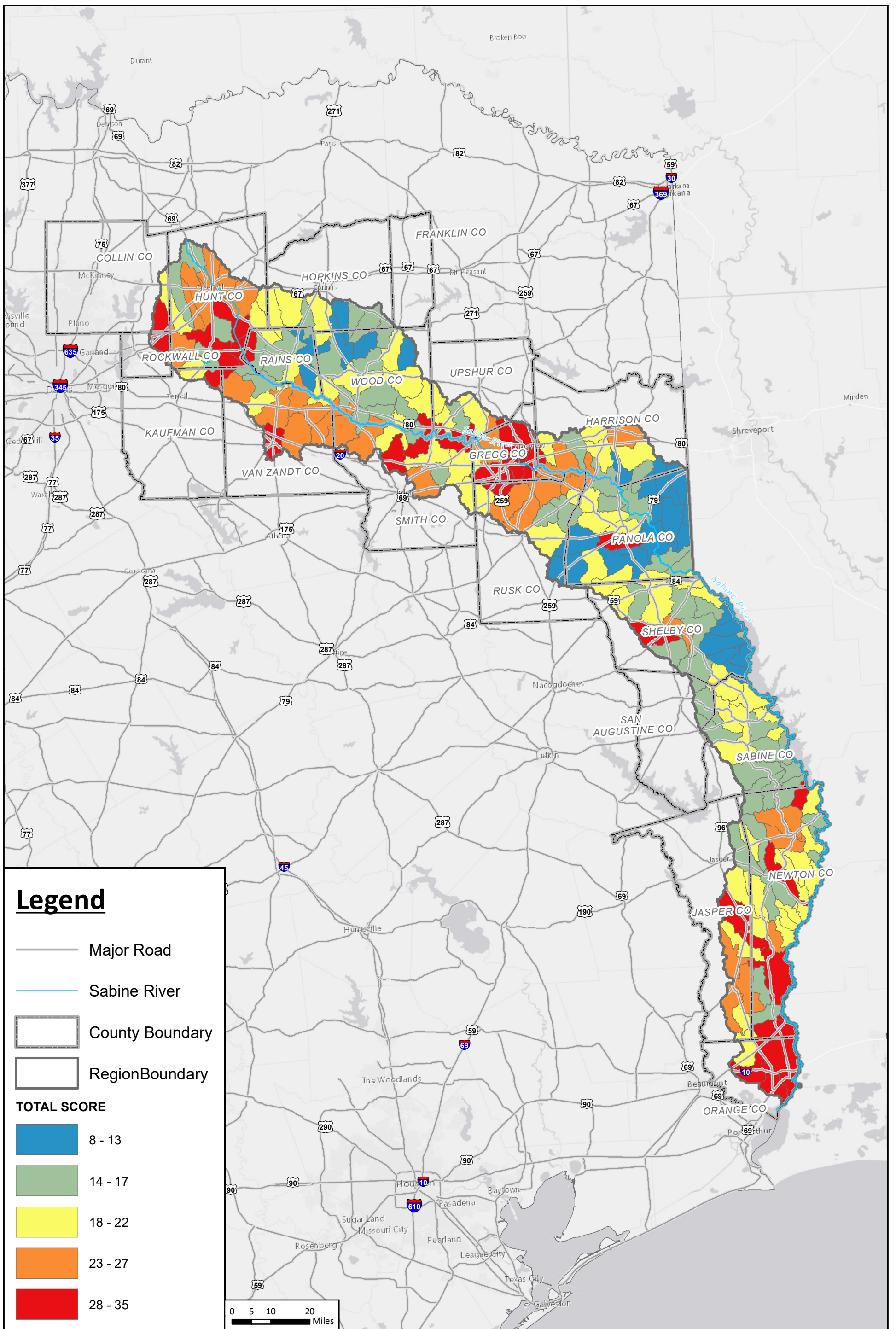


Sabine Regional Flood Plan
Greatest Gaps in Flood Risk Information



MAP
14

DELIVERABLES\FRP\2023\Region_04\FinalPlan\FinalData\Static Maps\Map_14_GapsFloodRisk.mxd



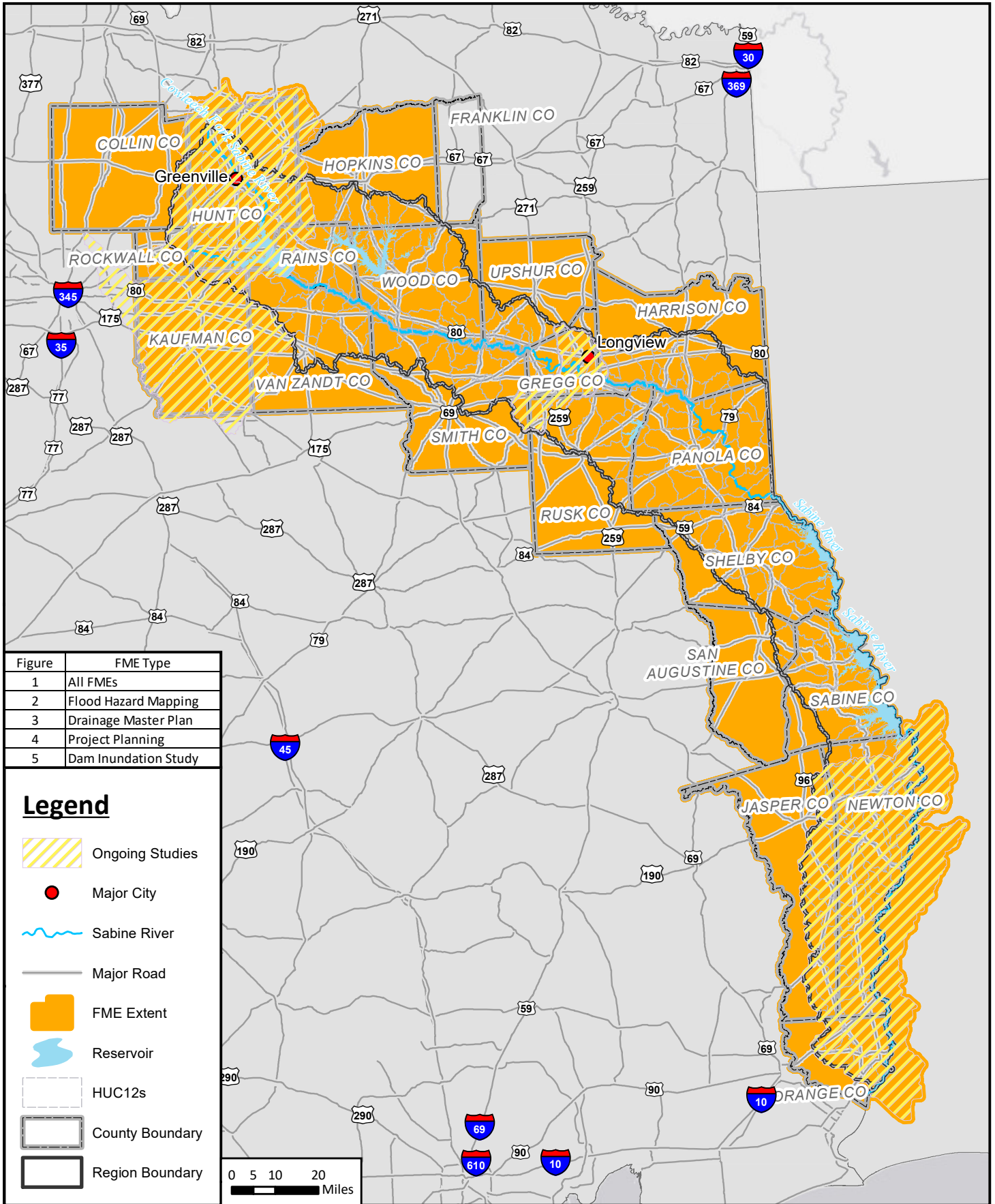
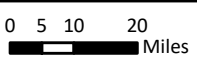


Figure	FME Type
1	All FMEs
2	Flood Hazard Mapping
3	Drainage Master Plan
4	Project Planning
5	Dam Inundation Study

Legend

- Ongoing Studies
- Major City
- Sabine River
- Major Road
- FME Extent
- Reservoir
- HUC12s
- County Boundary
- Region Boundary

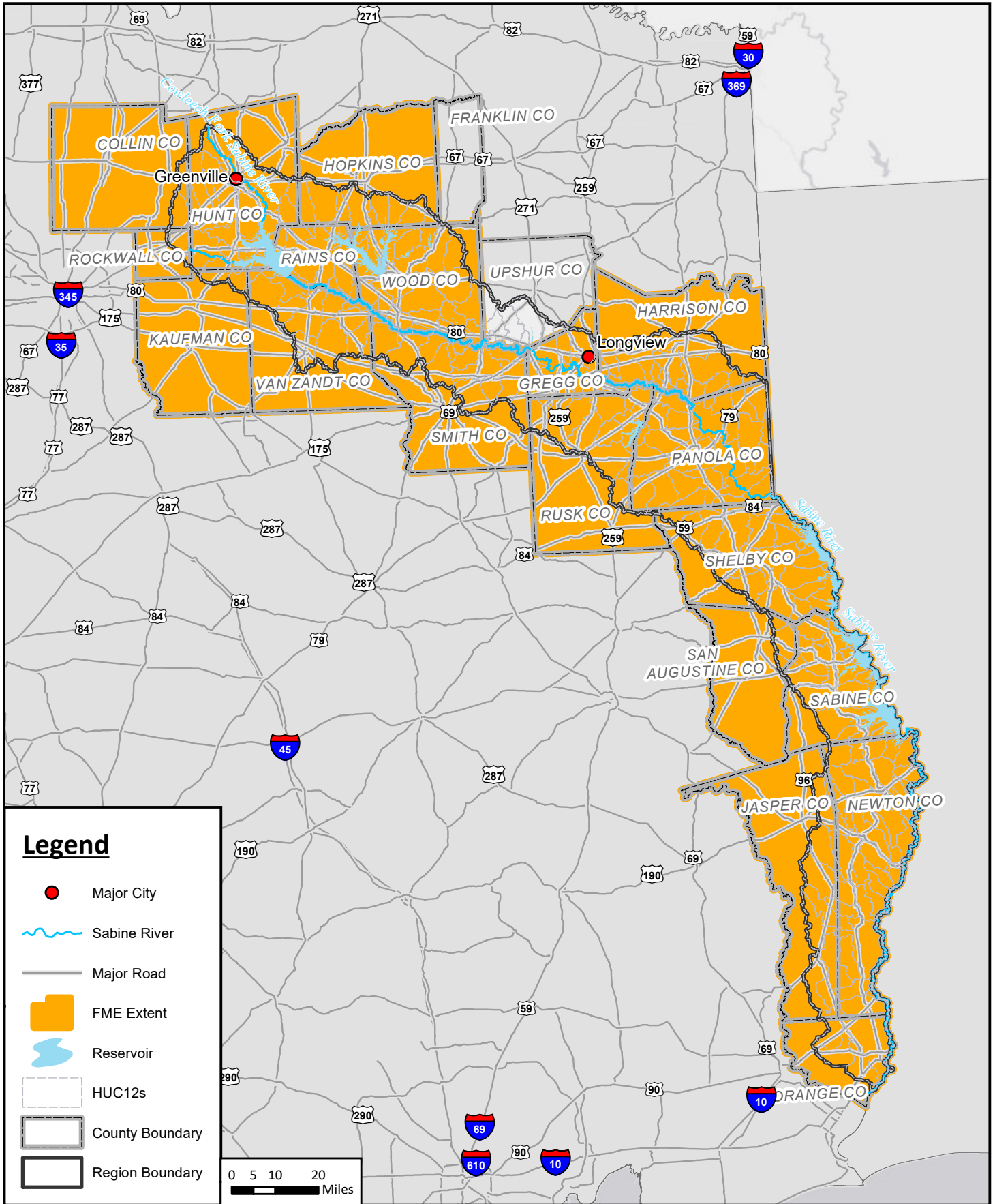


Sabine Regional Flood Plan







Extent of Potential Flood Management Evaluations and Existing Mapping Needs

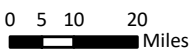


MAP 16
FIGURE 1 of 5



Legend

-  Major City
-  Sabine River
-  Major Road
-  FME Extent
-  Reservoir
-  HUC12s
-  County Boundary
-  Region Boundary

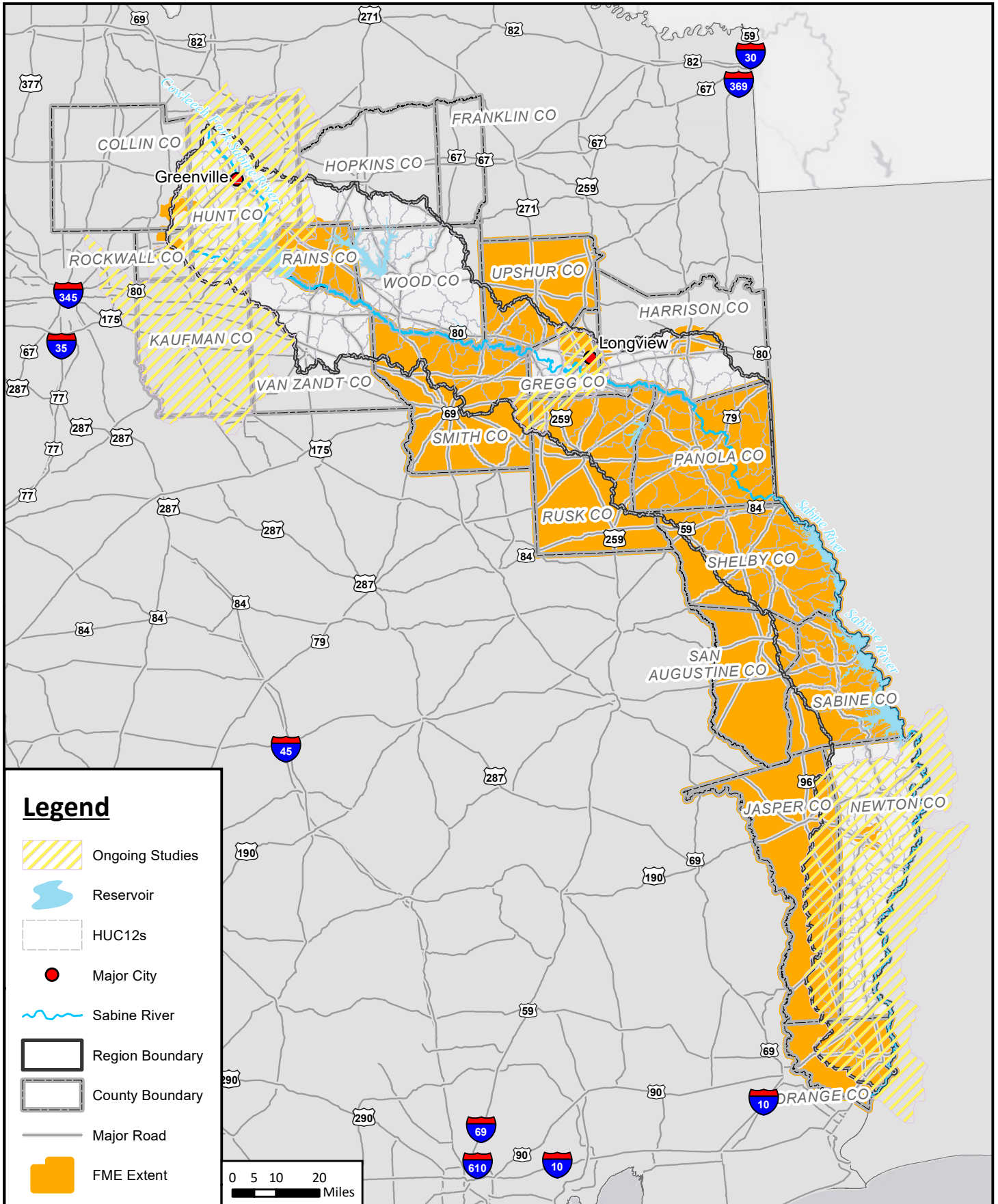


Sabine Regional Flood Plan










Extent of Potential Flood Management Evaluations: Flood Hazard Mapping

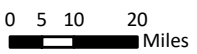


MAP 16
FIGURE 2 of 5



Legend

-  Ongoing Studies
-  Reservoir
-  HUC12s
-  Major City
-  Sabine River
-  Region Boundary
-  County Boundary
-  Major Road
-  FME Extent

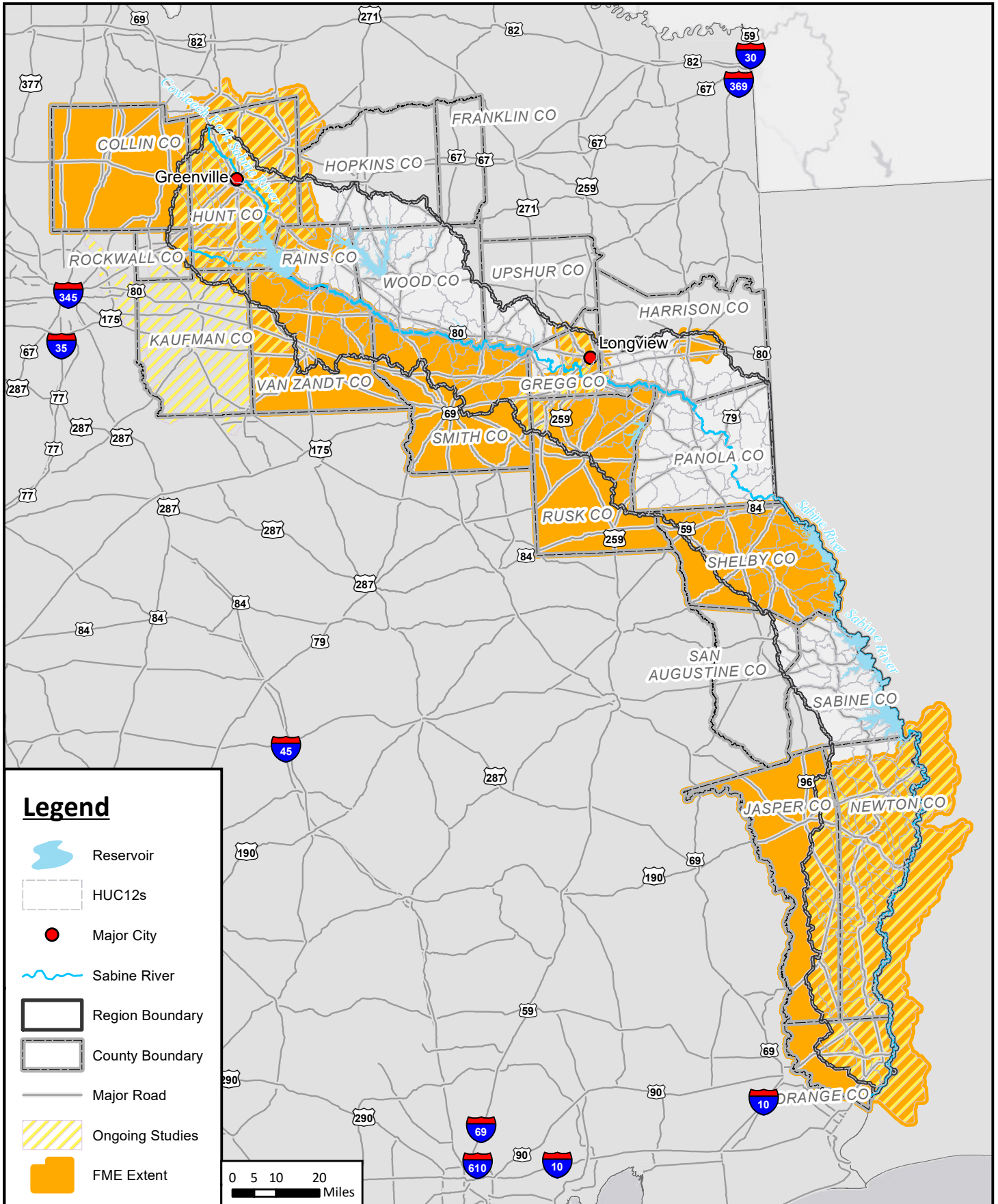


Sabine Regional Flood Plan










Extent of Potential Flood Management Evaluations: Drainage Master Plan

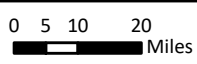


MAP 16
FIGURE 3 of 5



Legend

-  Reservoir
-  HUC12s
-  Major City
-  Sabine River
-  Region Boundary
-  County Boundary
-  Major Road
-  Ongoing Studies
-  FME Extent



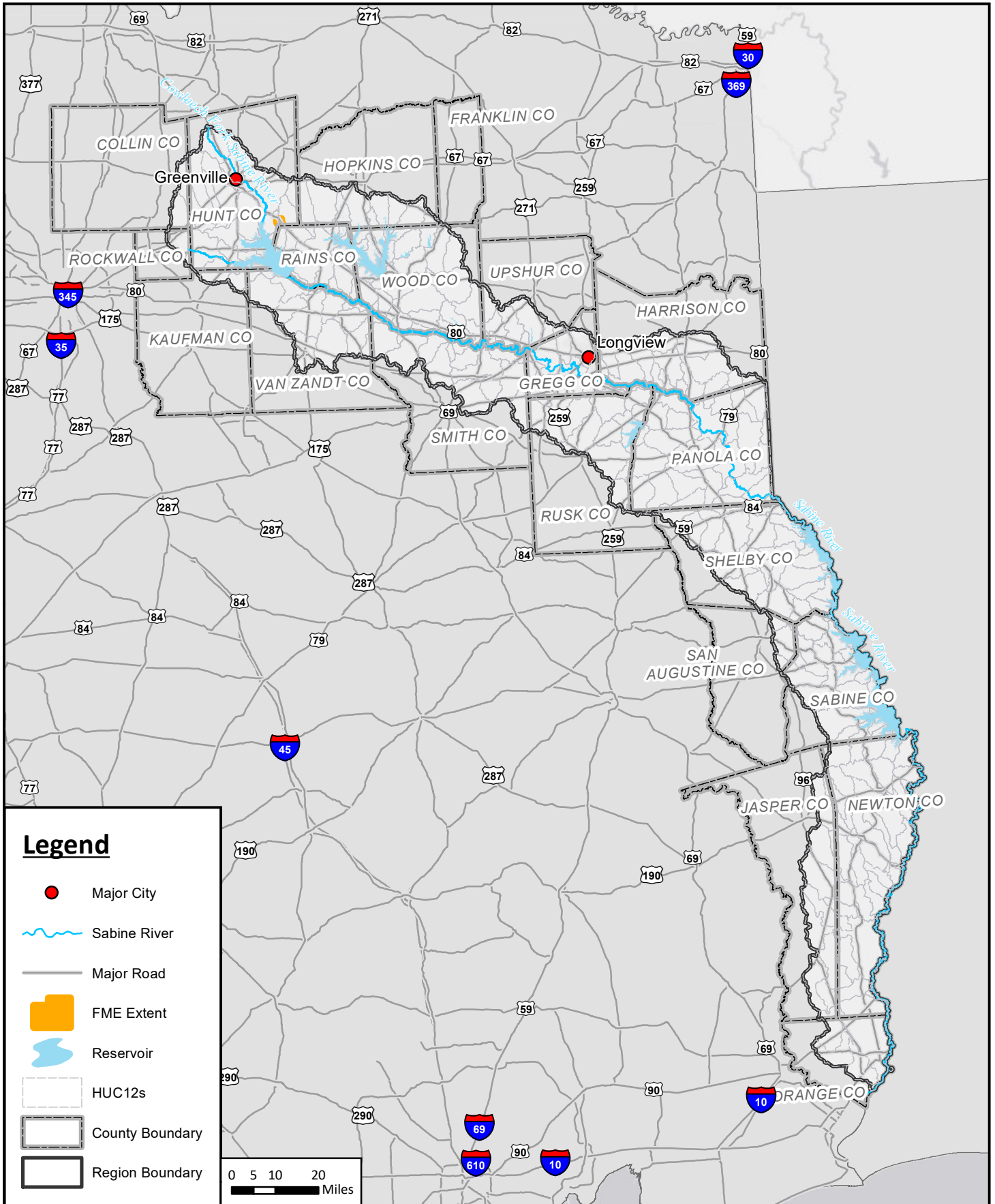
REGION 4

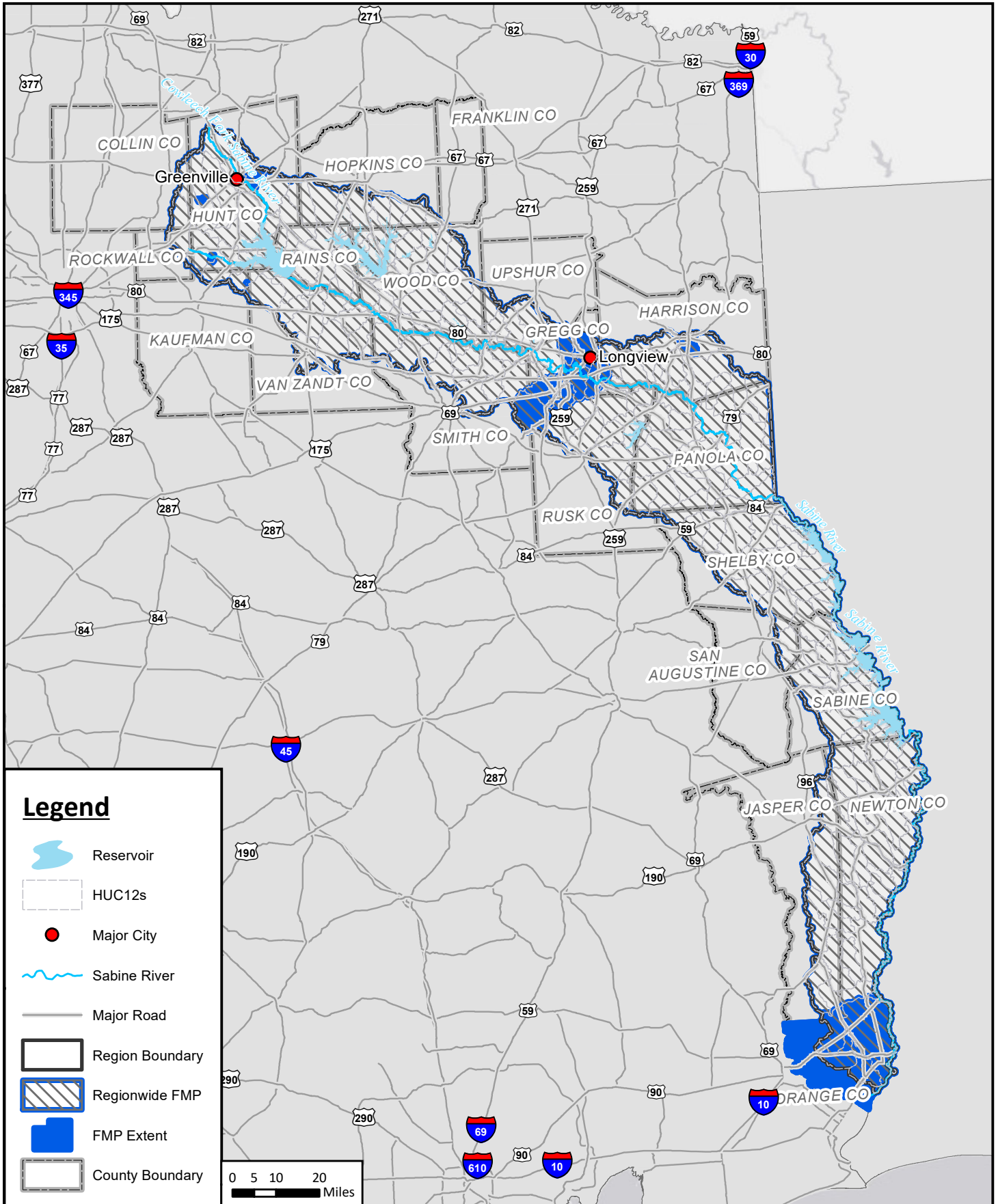
Sabine Regional Flood Plan

Extent of Potential Flood Management Evaluations: Project Planning












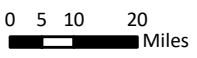
MAP 16
FIGURE 4 of 5





Legend

-  Reservoir
-  HUC12s
-  Major City
-  Sabine River
-  Major Road
-  Region Boundary
-  Regionwide FMP
-  FMP Extent
-  County Boundary

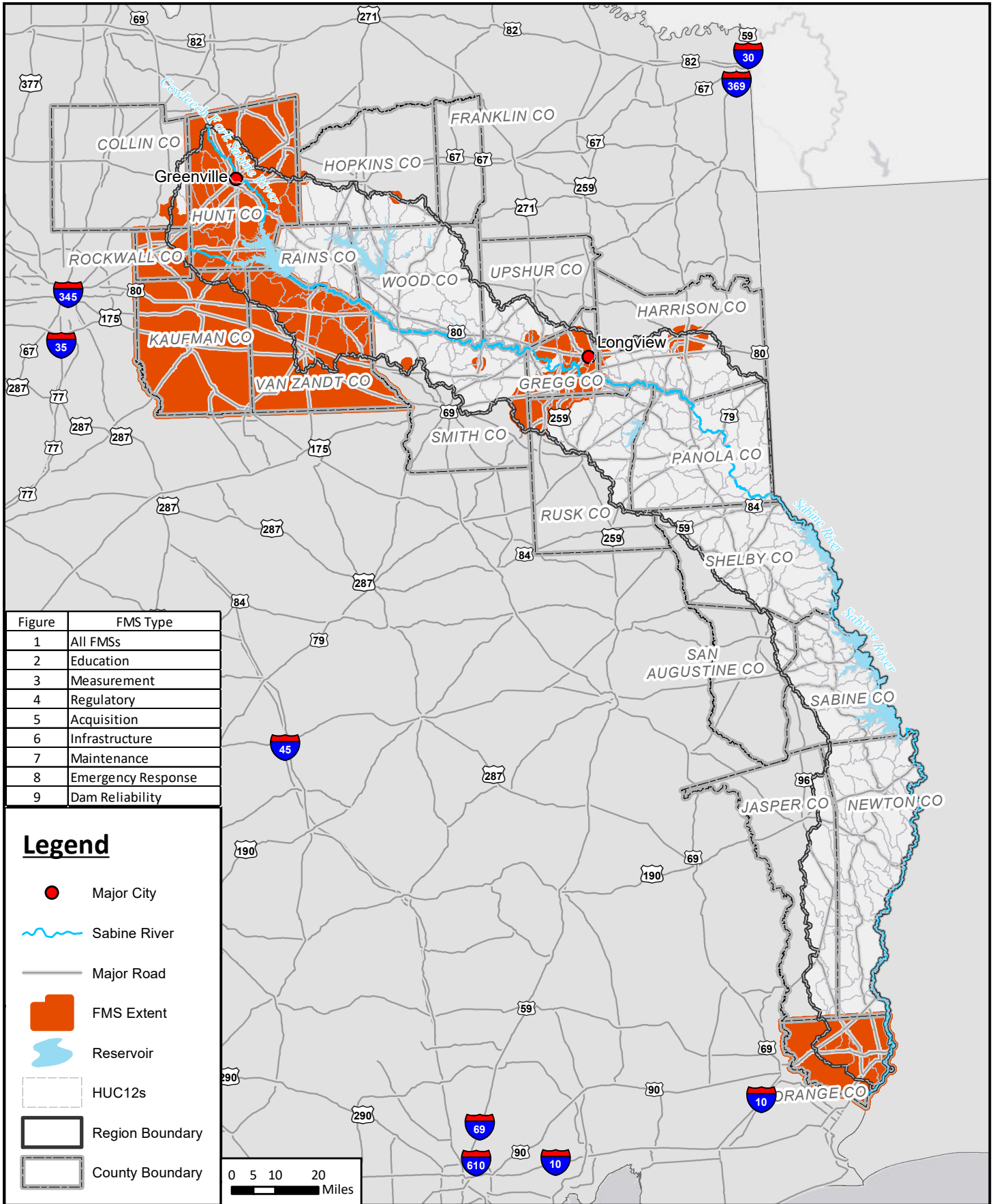


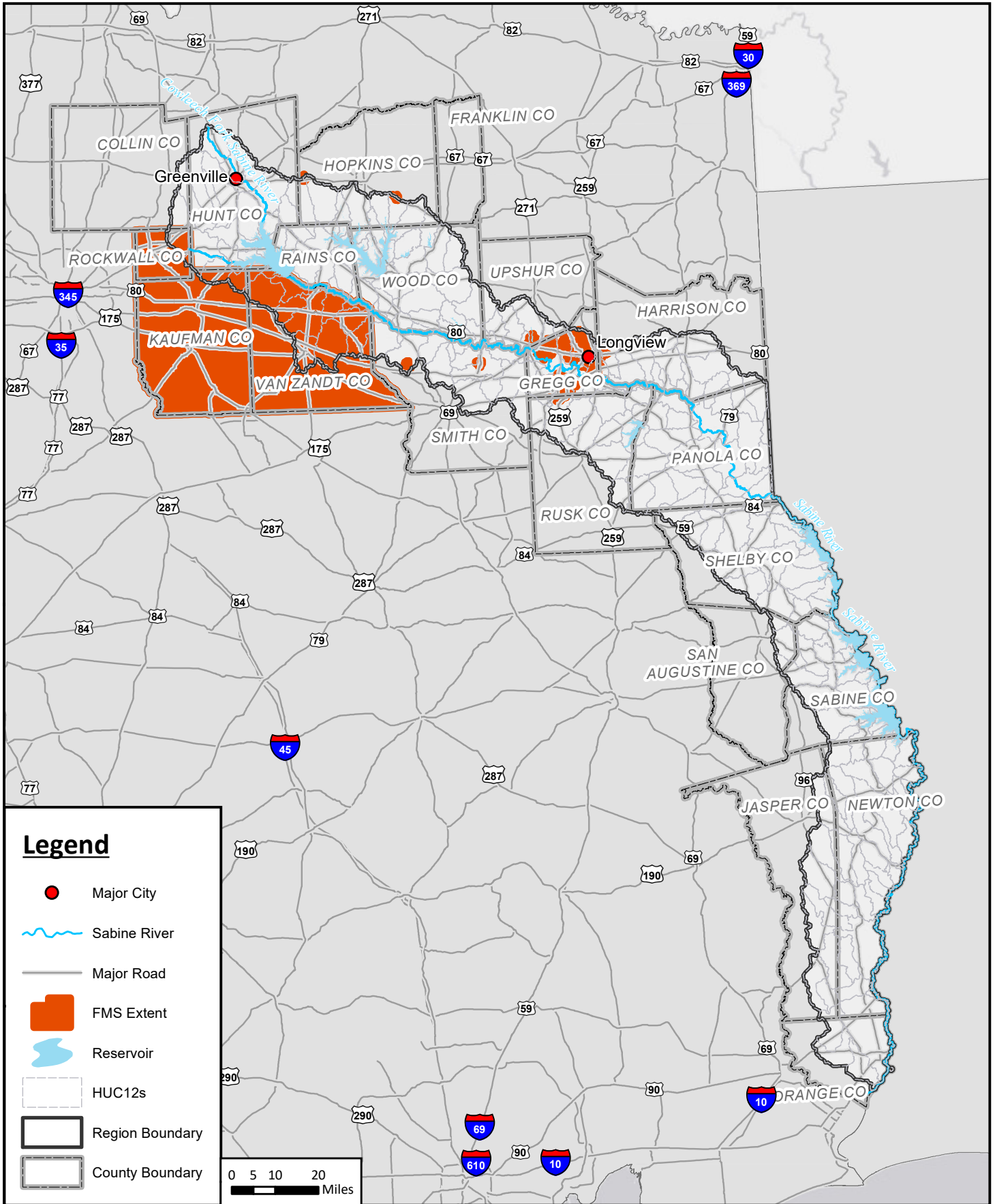
Sabine Regional Flood Plan

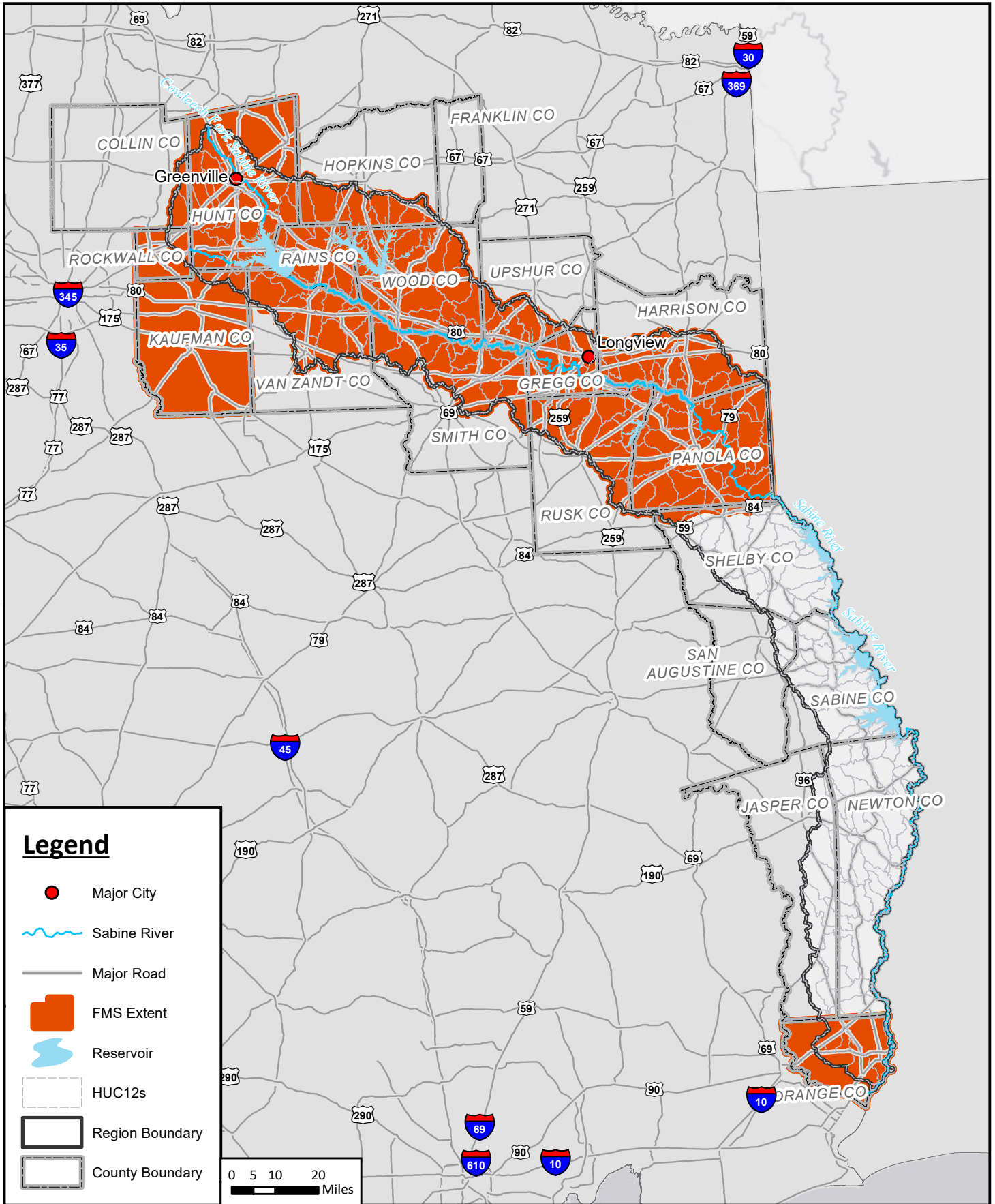
Extent of Potential Flood Mitigation Projects

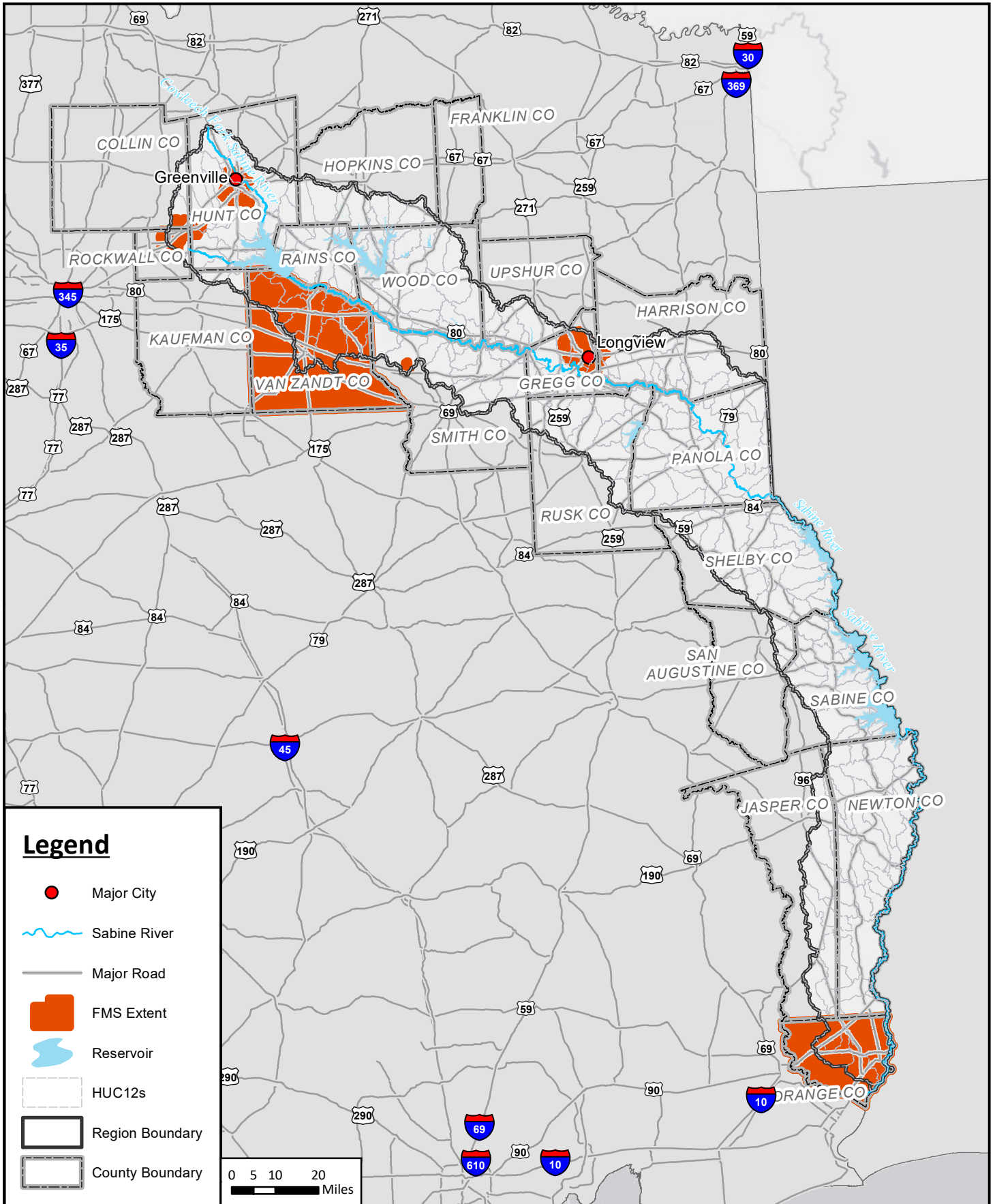


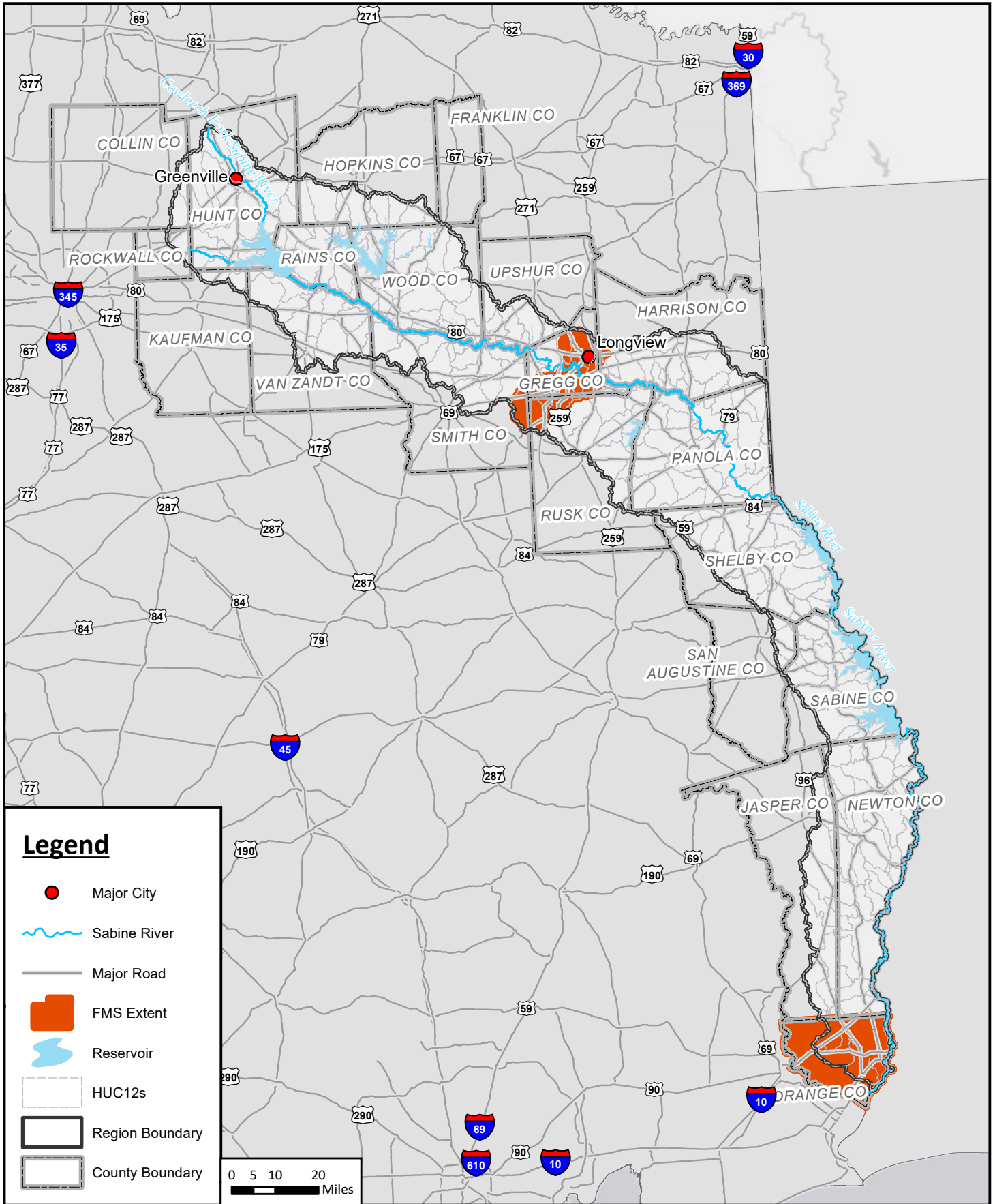
MAP
17

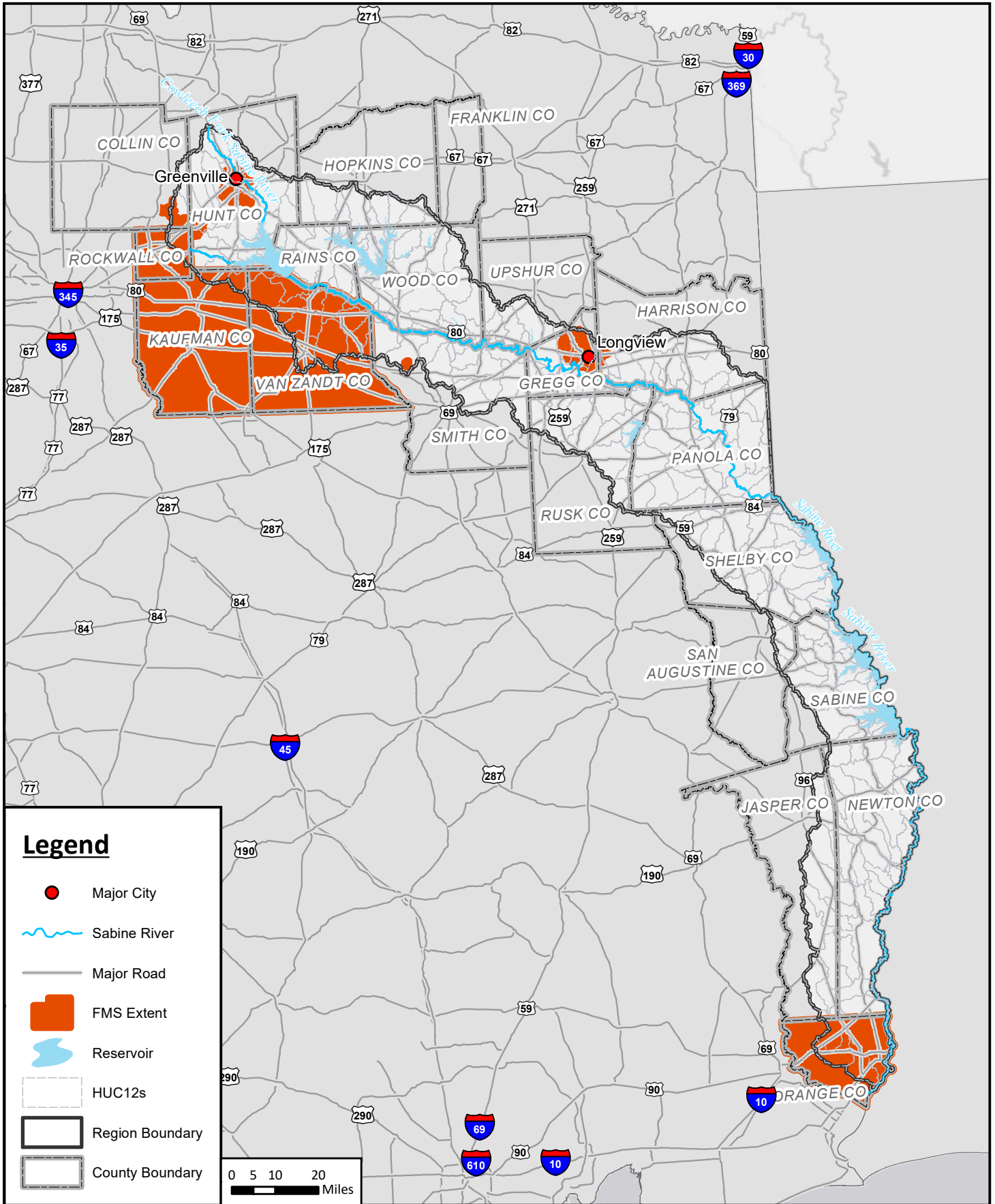






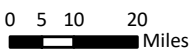






Legend

- Major City
- ~ Sabine River
- Major Road
- FMS Extent
- Reservoir
- HUC12s
- Region Boundary
- County Boundary



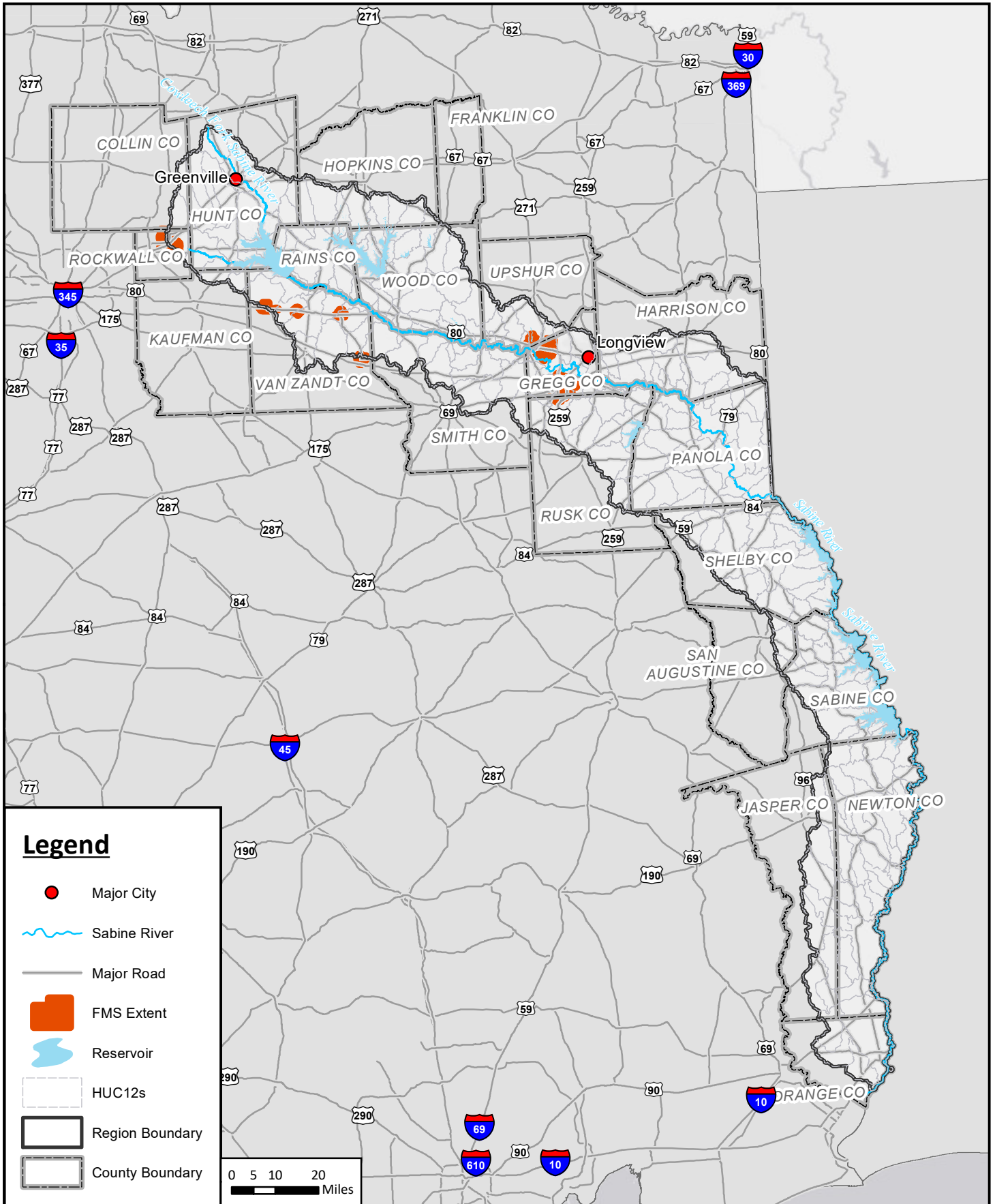
REGION 4

Sabine Regional Flood Plan

Extent of Potential Flood Mitigation Strategies: Regulatory and Guidance

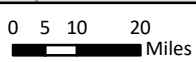


MAP 18
FIGURE 4 of 9



Legend

- Major City
- ~ Sabine River
- Major Road
- FMS Extent
- ☾ Reservoir
- HUC12s
- Region Boundary
- County Boundary



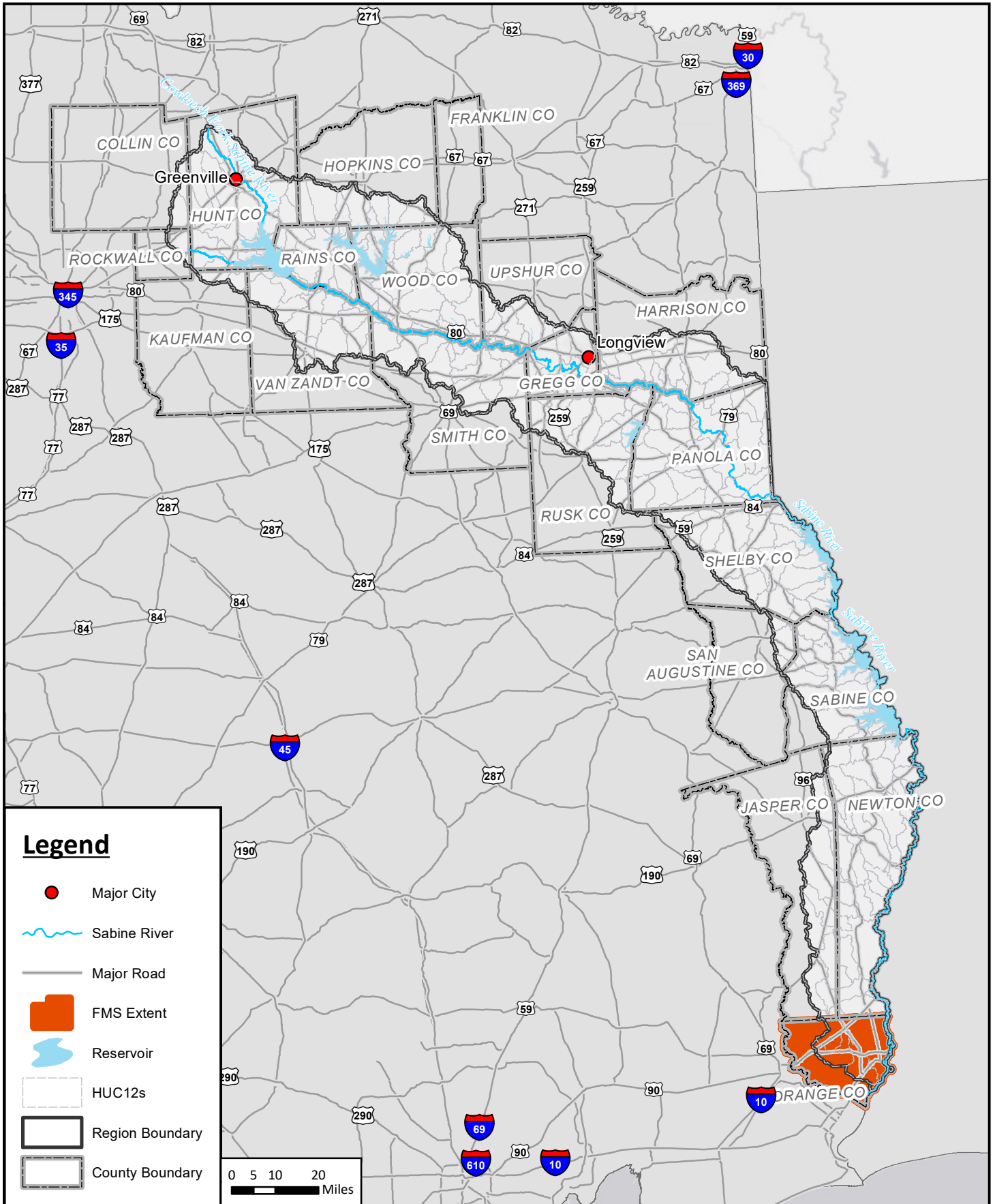
REGION 4

Sabine Regional Flood Plan

Extent of Potential Flood Mitigation Strategies: Maintenance Program

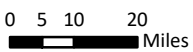


MAP 18
FIGURE 7 of 9



Legend

- Major City
- ~ Sabine River
- Major Road
- FMS Extent
- ☾ Reservoir
- HUC12s
- Region Boundary
- County Boundary



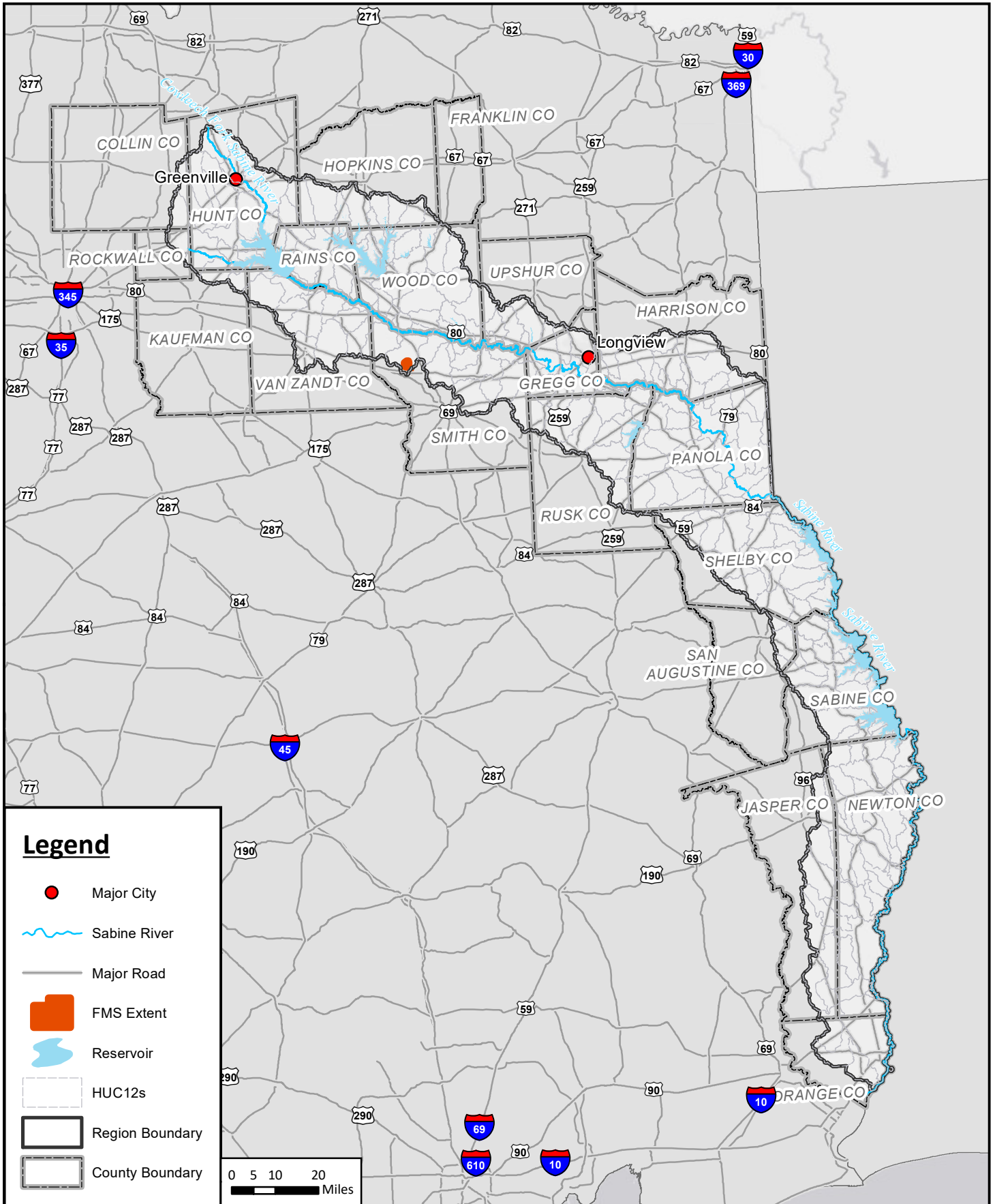
REGION 4

Sabine Regional Flood Plan









Extent of Potential Flood Mitigation Strategies: Emergency Response

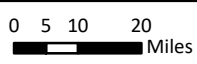


MAP 18
FIGURE 8 of 9



Legend

-  Major City
-  Sabine River
-  Major Road
-  FMS Extent
-  Reservoir
-  HUC12s
-  Region Boundary
-  County Boundary



REGION 4

Sabine Regional Flood Plan

Extent of Potential Flood Mitigation Strategies: Dam Reliability



MAP 18

FIGURE 9 of 9

APPENDIX 4-B
SUPPORTING TABLES FOR CHAPTER 4

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Table 12: Potential Flood Management Evaluations Identified by RFPG

FME ID	RFPG No.	RFPG Name	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	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Habitable structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models	Existing or Anticipated Maps (year)	
041000001	4	Sabine	Parker Creek Corridor Study	Study of Parker Creek Corridor	04000007	Harrison	12010002	120100020703	Middle Sabine	Project Planning	47	Riverine	Marshall	Marshall	Yes	\$380,000	Yes	598	397	4,563	1	0	0	23	897	BLE		
041000002	4	Sabine	Newton County Flood Hazard Mapping	Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.	04000012, 04000013, 04000014	Newton, Sabine	12010005	120100051005, 120100051004, 120100051100, 120100051003	Lower Sabine	Watershed Planning	936	Riverine, Coastal	Newton	Newton	Yes	\$2,340,000	Yes	3,237	1990	2,585	324	10	10	152	8,621	BLE		
041000003	4	Sabine	Smith County Flood Hazard Mapping	Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.	04000012, 04000013, 04000014	Smith, Van Zandt, Rains, Wood	12010001, 12010002	120100010603, 120100010608, 120100010607, 120100020105, 120100020101, 120100020106, 120100020107, 120100020501, 120100020301, 120100020302, 120100020303, 120100020403, 120100020404, 120100020405, 120100020502, 120100020102, 120100020104	Upper Sabine, Middle Sabine	Watershed Planning	946	Riverine	Smith	Smith	Yes	\$4,275,000	Yes	1,303	767	1,990	7	0	0	61	10,559	BLE		
041000004	4	Sabine	Smith County Drainage Master Plan	Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000012, 04000013, 04000014	Smith, Van Zandt, Rains, Wood	12010001, 12010002	120100010603, 120100010608, 120100010607, 120100020105, 120100020101, 120100020106, 120100020107, 120100020501, 120100020301, 120100020302, 120100020303, 120100020403, 120100020404, 120100020405, 120100020502, 120100020102, 120100020104	Upper Sabine, Middle Sabine	Watershed Planning	946	Riverine	Smith	Smith	Yes	\$1,900,000	Yes	1,303	767	1,990	7	0	0	61	10,559	BLE		
041000005	4	Sabine	Harrison County Flood Hazard Mapping	Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.	04000012, 04000013, 04000014	Panola, Harrison	12010002	120100020906, 120100020904, 120100021102, 120100020703, 120100020601, 120100020602, 120100020603, 120100020607, 120100020608, 120100020701, 120100020702, 120100020704, 120100020706, 120100020903, 120100020705, 120100021101, 120100010407, 120100010503, 120100010501, 120100010502, 120100010504, 120100010601, 120100010507, 120100010603, 120100010608, 120100010605, 120100010607, 120100010505, 120100010405, 120100010604	Middle Sabine	Watershed Planning	912	Riverine	Harrison	Harrison	Yes	\$1,850,000	Yes	1,086	782	5,521	3	2	2	82	9,144	BLE		
041000006	4	Sabine	Van Zandt County Flood Hazard Mapping	Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.	04000012, 04000013, 04000014	Van Zandt, Rains, Hunt	12010001	120100010507, 120100010601, 120100010507, 120100010603, 120100010608, 120100010605, 120100010607, 120100010505, 120100010405, 120100010604	Upper Sabine	Watershed Planning	856	Riverine	Van Zandt	Van Zandt	Yes	\$2,230,000	Yes	1,080	452	1,471	13	9	9	79	26,372	BLE		
041000007	4	Sabine	Upshur County Drainage Master Plan	Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000012, 04000013, 04000014	Smith, Wood, Upshur	12010002	120100020107, 120100020205, 120100020206, 120100020402, 120100020401, 120100020403, 120100020405, 120100020504, 120100020505	Middle Sabine	Watershed Planning	590	Riverine	Upshur	Upshur	Yes	\$200,000	Yes	328	222	281	0	4	4	28	4,148	BLE		
041000008	4	Sabine	Sabine County Flood Hazard Mapping	Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.	04000012, 04000013, 04000014	Sabine	12010004	120100040903, 120100040904, 120100040905, 120100041003, 120100040703, 120100040702, 120100040901, 120100040902, 120100041005, 120100041104, 120100040807, 120100040806, 120100041002, 120100041106, 120100041105, 120100041103, 120100041004, 120100041101, 120100041102	Toledo Bend Reservoir	Watershed Planning	574	Riverine	Sabine	Sabine	Yes	\$1,100,000	Yes	1,611	1245	762	0	6	6	33	2,311	BLE		
041000009	4	Sabine	Sabine County Drainage Master Plan	Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000012, 04000013, 04000014	Sabine	12010004	120100040903, 120100040904, 120100040905, 120100041003, 120100040703, 120100040702, 120100040901, 120100040902, 120100041005, 120100041104, 120100040807, 120100040806, 120100041002, 120100041106, 120100041105, 120100041103, 120100041004, 120100041101, 120100041102	Toledo Bend Reservoir	Watershed Planning	574	Riverine	Sabine	Sabine	Yes	\$460,000	Yes	1,611	1245	762	0	6	6	33	2,311	BLE		
041000010	4	Sabine	San Augustine County Flood Hazard Mapping	Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.	04000012, 04000013, 04000014	San Augustine, Shelby	12010004	120100040701, 120100040702, 120100040901, 120100040902	Toledo Bend Reservoir	Watershed Planning	590	Riverine	San Augustine	San Augustine	Yes	\$100,000	Yes	1	0	0	0	0	0	0	2	346	BLE	
041000011	4	Sabine	San Augustine County Drainage Master Plan	Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000012, 04000013, 04000014	San Augustine, Shelby	12010004	120100040701, 120100040702, 120100040901, 120100040902	Toledo Bend Reservoir	Watershed Planning	590	Riverine	San Augustine	San Augustine	Yes	\$50,000	Yes	1	0	0	0	0	0	0	2	346	BLE	
041000012	4	Sabine	Shelby County Flood Hazard Mapping	Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.	04000012, 04000013, 04000014	Rusk, Panola, Shelby	12010002, 12010004	120100040701, 120100040702, 120100040901, 120100040902	Middle Sabine, Toledo Bend Reservoir	Watershed Planning	831	Riverine	Shelby	Shelby	Yes	\$375,500	Yes	800	0	225	0	3	3	49	9,764	BLE		

FME ID	RFPG No.	RFPG Name	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	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Habitable structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models	Existing or Anticipated Maps (year)
041000013	4	Sabine	Rusk County Flood Hazard Mapping	Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.	04000012, 04000013, 04000014	Rusk, Smith, Gregg	12010002	120100020501, 120100021004, 120100021005, 120100021006, 120100020506, 120100020502, 120100020603, 120100020601, 120100020604, 120100020605, 120100020606, 120100020608, 120100020801, 120100020803, 120100020901, 120100020804, 120100020802	Middle Sabine	Watershed Planning	935	Riverine	Rusk	Rusk	Yes	\$1,850,000	Yes	899	543	1,374	2	5	5	55	13,283	BLE	
041000014	4	Sabine	Panola County Flood Hazard Mapping	Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.	04000012, 04000013, 04000014	Panola	12010002	120100020501, 120100021004, 120100021005, 120100021006, 120100020506, 120100020502, 120100020503, 120100020601, 120100020603, 120100020604, 120100020605, 120100020606, 120100020608, 120100020801, 120100020803, 120100020901, 120100020804, 120100020802	Middle Sabine	Watershed Planning	818	Riverine	Panola	Panola	Yes	\$3,700,000	Yes	750	317	1,416	2	10	10	119	24,459	BLE	
041000015	4	Sabine	Panola County Drainage Master Plan	Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000012, 04000013, 04000014	Panola	12010002	120100020501, 120100021004, 120100021005, 120100021006, 120100020506, 120100020502, 120100020503, 120100020601, 120100020603, 120100020604, 120100020605, 120100020606, 120100020608, 120100020801, 120100020803, 120100020901, 120100020804, 120100020802	Middle Sabine	Watershed Planning	818	Riverine	Panola	Panola	Yes	\$1,700,000	Yes	750	317	1,416	2	10	10	119	24,459	BLE	
041000016	4	Sabine	Rains County Flood Hazard Mapping	Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.	04000012, 04000013, 04000014	Rains, Hunt	12010001, 12010003	120100010406, 120100010407, 120100010601, 120100010506, 120100010507, 120100010603, 120100010505, 120100010602, 120100030101, 120100030102, 120100030103, 120100030107, 120100030104, 120100030105, 120100030106, 120100030204	Upper Sabine, Lake Fork	Watershed Planning	257	Riverine	Rains	Rains	Yes	\$2,100,000	Yes	277	211	258	0	4	4	35	13,842	BLE	
041000017	4	Sabine	Rains County Drainage Master Plan	Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000012, 04000013, 04000014	Rains, Hunt	12010001, 12010003	120100010406, 120100010407, 120100010601, 120100010506, 120100010507, 120100010603, 120100010505, 120100010602, 120100030101, 120100030102, 120100030103, 120100030107, 120100030104, 120100030105, 120100030106, 120100030204	Upper Sabine, Lake Fork	Watershed Planning	257	Riverine	Rains	Rains	Yes	\$600,000	Yes	277	211	258	0	4	4	35	13,842	BLE	
041000018	4	Sabine	Wood County Flood Hazard Mapping	Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.	04000012, 04000013, 04000014	Smith, Van Zandt, Rains, Wood	12010001, 12010002, 12010003	120100010406, 120100010407, 120100010601, 120100010506, 120100010507, 120100010603, 120100010505, 120100010602, 120100030101, 120100030102, 120100030103, 120100030107, 120100030104, 120100030105, 120100030106, 120100030204	Upper Sabine, Lake Fork	Watershed Planning	693	Riverine	Wood	Wood	Yes	\$3,200,000	Yes	1,546	813	1,773	7	1	1	105	18,534	BLE	
041000019	4	Sabine	Hopkins County Flood Hazard Mapping	Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.	04000012, 04000013, 04000014	Wood, Hopkins, Franklin	12010002, 12010003	120100030102, 120100030103, 120100030104, 120100030105, 120100030106, 120100030205, 120100030201, 120100030202, 120100030203	Middle Sabine, Lake Fork	Watershed Planning	791	Riverine	Hopkins	Hopkins	Yes	\$1,550,000	Yes	156	87	92	0	5	5	48	13,195	BLE	
041000020	4	Sabine	Vidor Drainage Master Plan	Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.	04000012, 04000013, 04000014	Orange	12010005	120100051004, 120100051003	Lower Sabine	Watershed Planning	12	Riverine	Vidor	Vidor	Yes	\$1,200,000	Yes	1,154	1031	2,001	0	0	0	26	58	BLE	
041000021	4	Sabine	City of Fate Drainage Master Plan	Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.	04000012, 04000013, 04000014	Rockwall, Collin, Hunt	12010001	120100010301	Upper Sabine	Watershed Planning	12	Riverine	Fate	Fate	No	\$450,000	Yes	21	21	128	0	1	1	3	164	BLE	
041000022	4	Sabine	Nevada Drainage Master Plan	Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.	04000012, 04000013, 04000014	Rockwall, Collin, Hunt	12010001	120100010301	Upper Sabine	Watershed Planning	2	Riverine	Nevada	Nevada	No	\$100,000	Yes	1	1	3	0	0	0	0	11	BLE	
041000023	4	Sabine	City of Newton Drainage Master Plan	Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000012, 04000013, 04000014	Newton	12010005	120100051005, 120100051004, 120100051100, 120100051003	Lower Sabine	Watershed Planning	5	Riverine	City of Newton	City of Newton	No	\$100,000	Yes	96	48	164	17	2	2	3	33	BLE	
041000024	4	Sabine	Newton Drainage Master Plan	Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.	04000012, 04000013, 04000014	Newton	12010005	120100051005, 120100051004, 120100051100, 120100051003	Lower Sabine	Watershed Planning	5	Riverine	Newton	Newton	No	\$400,000	Yes	96	48	164	17	2	2	3	33	BLE	

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041000025	4	Sabine	Longview Drainage Master Plan	Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.	04000012, 04000013, 04000014	Rusk, Gregg	12010002	120100020506, 120100020601, 120100020504, 120100020505, 120100020602	Middle Sabine	Watershed Planning	56	Riverine	Longview	Longview	Yes	\$1,100,000	Yes	1,379	1024	10,126	9	0	0	41	295	BLE	
041000026	4	Sabine	Josephine Drainage Master Plan	Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.	04000012, 04000013, 04000014	Collin, Hunt	12010001	120100010202, 120100010301	Upper Sabine	Watershed Planning	2	Riverine	Josephine	Josephine	No	\$100,000	Yes	94	79	126	0	1	1	1	110	BLE	
041000027	4	Sabine	Kirbyville Drainage Master Plan	Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.	04000012, 04000013, 04000014	Jasper, Newton	12010005	120100050901, 120100050607, 120100050608	Lower Sabine	Watershed Planning	2	Riverine	Kirbyville	Kirbyville	Yes	\$600,000	Yes	135	44	436	3	3	3	3	12	BLE	
041000028	4	Sabine	Marshall Drainage Master Plan	Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.	04000012, 04000013, 04000014	Harrison	12010002	120100020703, 120100020701, 120100020702, 120100020704	Middle Sabine	Watershed Planning	30	Riverine	Marshall	Marshall	No	\$500,000	Yes	561	374	4,312	0	0	0	18	222	BLE	
041000029	4	Sabine	Scottsville Drainage Master Plan	Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.	04000012, 04000013, 04000014	Harrison	12010002	120100020703	Middle Sabine	Watershed Planning	1	Riverine	Scottsville	Scottsville	No	\$300,000	Yes	22	20	48	0	0	0	0	72	BLE	
041000030	4	Sabine	City of Edgewood Stormwater Drain and Culvert Improvement Study	Feasibility study to install and upgrade undersized stormwater drains and culverts	04000007	Van Zandt	12010001	120100010502, 120100010504	Upper Sabine	Project Planning	1	Riverine	Edgewood	Edgewood	No	\$100,000	Yes	27	11	22	0	0	0	1	29	BLE	
041000031	4	Sabine	City of Edgewood Stormwater Detention Study	Feasibility study to increase drainage capacity; add stormwater detention and / or retention basins as deemed necessary to reduce flood risk upstream of Edgewood City Dam	04000007	Van Zandt	12010001	120100010502, 120100010504	Upper Sabine	Project Planning	1	Riverine	Edgewood	Edgewood	No	\$100,000	Yes	27	11	22	0	0	0	1	29	BLE	
041000032	4	Sabine	City of Greenville Critical Facilities Flood Protection Study	Feasibility study to elevated or flood proofing of critical structures and/or the construction of barriers around critical structures	04000004, 04000005	Hunt	12010001	120100010103, 120100010102, 120100010204, 120100010401	Upper Sabine	Project Planning	33	Riverine	Greenville	Greenville	No	\$300,000	Yes	429	254	5,509	28	0	0	26	1,339	BLE	
041000033	4	Sabine	City of Fruitvale Drainage Infrastructure Improvement Study	Feasibility study to evaluate access and road conditions for response vehicles. Develop and implement options to improve access and/or add redundant access routes in high risk areas.	04000001, 04000014	Van Zandt	12010001	120100010504, 120100010601	Upper Sabine	Project Planning	2	Riverine	Fruitvale	Fruitvale	No	\$200,000	Yes	4	1	12	0	0	0	2	127	BLE	
041000034	4	Sabine	City of Canton Drainage Infrastructure Improvements Study	Feasibility study to increase drainage capacity; install french drains or elevate building and upgrade undersized pipe under state Hwy	04000012	Van Zandt	12010001	120100010503, 120100010604	Upper Sabine	Project Planning	6	Riverine	Canton	Canton	No	\$300,000	Yes	231	45	1,002	12	2	2	4	147	BLE	
041000035	4	Sabine	City of Kilgore Drainage Infrastructure Improvements Study	Study improvements to drainage infrastructure in the downtown area by installing new inlets and storm drains	04000014	Rusk	12010002	120100020506, 120100020405, 120100020502, 120100020503	Middle Sabine	Project Planning	19	Riverine	Kilgore	Kilgore	No	\$300,000	Yes	296	224	870	3	3	3	15	96	BLE	
041000036	4	Sabine	City of Kilgore Library Drainage Improvement Study	Feasibility study of underground drainage structures to capture and direct subsurface water away from the library structure	04000014	Rusk	12010002	120100020506, 120100020405, 120100020502, 120100020503	Middle Sabine	Project Planning	19	Riverine	Kilgore	Kilgore	Yes	\$400,000	Yes	296	224	870	3	3	3	15	96	BLE	
041000037	4	Sabine	City of Henderson Flood Instructure Improvements Study	Feasibility study to replace riprap lining with a concrete lining to increase maintenance efficiency and flood protection.	04000007	Rusk	12010002	120100020605, 120100020801	Middle Sabine	Project Planning	12	Riverine	Henderson	Henderson	Yes	\$200,000	Yes	27	24	422	0	0	0	0	15	BLE	
041000038	4	Sabine	City of Henderson Storm Drain Improvement Study	Feasibility study to install new storm drain system to address localized neighborhood drainage issues	04000007	Rusk	12010002	120100020605, 120100020801	Middle Sabine	Project Planning	12	Riverine	Henderson	Henderson	Yes	\$100,000	Yes	27	24	422	0	0	0	0	15	BLE	
041000039	4	Sabine	City of Longview Critical Facilities Flood Protection Study	Ensure that critical facilities owned by the jurisdiction are protected from flood.	04000003	Gregg	12010002	120100020506, 120100020601, 120100020504, 120100020505, 120100020602	Middle Sabine	Project Planning	56	Riverine	Longview	Longview	Yes	\$85,000	Yes	1,379	1024	10,126	9	0	0	41	295	BLE	

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041000040	4	Sabine	Lone Oak - Dam Inundation Study	Dam inundation study, safety study, and inventory of mitigation activities to implement for the county dams.	04000014	Hunt	12010001, 12010003	120100010406, 120100010401, 120100030102	Upper Sabine, Lake Fork	Other	1	Riverine	Lone Oak	Lone Oak	Yes	\$500,000	Yes	3	2	2	0	0	0	0	30	BLE	
041000041	4	Sabine	Kirbyville Drainage Improvement Study	Study to coordinate and improve storm water drainage throughout the county; encourage new development to balance impervious surfaces with adjacent green space	04000007, 04000014	Jasper	12010005	120100050901, 120100050607, 120100050608	Lower Sabine	Project Planning	2	Riverine	Kirbyville	Kirbyville	Yes	\$100,000	Yes	135	44	436	3	3	3	3	12	BLE	
041000042	4	Sabine	Feasibility Assessment and Conceptual Design of Dredging of Segments of Adams Bayou	H&H Study and Modeling for Feasibility Assessment of Dredging of Segments of Adams Bayou	04000007, 04000012, 04000013, 04000014	Orange	12010005	120100051100	Lower Sabine	Project Planning	146	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	Yes	\$2,000,000	Yes	10,571	8463	18,428	306	15	15	240	9,260	BLE	
041000043	4	Sabine	Feasibility Assessment and Conceptual Design of Dredging of Segments of Cow Bayou	H&H Study and Modeling for Feasibility Assessment of Dredging of Segments of Cow Bayou	04000007, 04000012, 04000013, 04000014	Orange	12010005	120100051003, 120100051004, 120100051005	Lower Sabine	Project Planning	119	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	Yes	\$600,000	Yes	7,655	6390	10,805	7	7	7	156	9,437	BLE	
041000044	4	Sabine	Feasibility Assessment and Conceptual Design of Dredging of Segments of Little Cypress Bayou	H&H Study and Modeling for Feasibility Assessment of Dredging of Segments of Little Cypress Bayou	04000007, 04000012, 04000013, 04000014	Orange	12010005	120100051100	Lower Sabine	Project Planning	146	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	Yes	\$1,000,000	Yes	10,571	8463	18,428	306	15	15	240	9,260	BLE	
041000045	4	Sabine	Feasibility Assessment and Conceptual Design of Constructing a Stormwater Detention Pond Adjacent to Cow Bayou near Claiborne Park	H&H Study and Modeling for Feasibility Assessment of Construction of a Stormwater Detention Pond Adjacent to Cow Bayou near Claiborne Park	04000007, 04000012, 04000013, 04000014	Orange	12010005	120100051003, 120100051004, 120100051005	Lower Sabine	Project Planning	119	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	Yes	\$600,000	Yes	7,655	6390	10,805	7	7	7	156	9,437	BLE	
041000046	4	Sabine	Feasibility Assessment and Conceptual Design of Increasing the Size of Culverts and Railroad Trestles on Major Drainage Structures	H&H Study and Modeling for Determination of Need and Feasibility Assessment for Increase in Size of Culverts and Railroad Trestles on Major Drainage Structures Throughout Orange County	04000007, 04000012, 04000013, 04000014	Orange	12010005	120100051005, 120100051004, 120100051100, 120100051003	Lower Sabine	Project Planning	371	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	Yes	\$500,000	Yes	16,974	14040	26,881	276	22	22	364	17,171	BLE	
041000047	4	Sabine	Feasibility Assessment and Conceptual Design of Increasing Capacity of Drainage Ditches and Channels that Convey Stormwater from Neighborhoods	H&H Study and Modeling for Determination of Need and Feasibility Assessment of the Capacity of Drainage Ditches and Channels that Convey Stormwater from Neighborhoods Located Within Orange County	04000007, 04000012, 04000013, 04000014	Orange	12010005	120100051005, 120100051004, 120100051100, 120100051003	Lower Sabine	Project Planning	371	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	Yes	\$1,000,000	Yes	16,974	14040	26,881	276	22	22	364	17,171	BLE	
041000048	4	Sabine	City of Fate Culvert Improvement Study	Culverts improvements to meet 100-YR fully developed conditions	04000007, 04000012, 04000013, 04000014	Rockwall, Collin, Hunt	12010001	120100010301	Upper Sabine	Project Planning	56	Riverine	Fate	Fate	No	\$100,000	Yes	295	220	694	0	12	12	18	4,104	BLE	
041000049	4	Sabine	Newton County Flood and Drainage Study	Feasibility study to reconstruct bridges and culverts in a major drainage basin flowing into the Sabine River in Newton County.	04000007, 04000012, 04000013, 04000014	Newton, Jasper	12010005	120100050504, 120100050601, 120100050602, 120100050603, 120100050605, 120100050606	Lower Sabine	Project Planning	159	Riverine	Newton	Newton	Yes	\$600,000	Yes	260	132	249	17	5	5	19	892	BLE	
041000050	4	Sabine	Orange County Drainage Improvements at Kinard Estates Study	First-time sewer service, detention pond, and other drainage improvements to reduce flooding and environmental impacts.	04000007, 04000012, 04000013, 04000014	Orange	12010005	120100051005, 120100051004, 120100051100, 120100051003	Lower Sabine	Project Planning	371	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	Yes	\$250,000	Yes	16,974	14040	26,881	276	22	22	364	17,171	BLE	
041000051	4	Sabine	West Orange Drainage Improvements Study	West Orange Drainage Improvements Study to quantify benefits, evaluate impacts, and begin design.	04000012, 04000013, 04000014	Orange	12010005	120100051100	Lower Sabine	Project Planning	3	Riverine, Coastal	West Orange	West Orange	Yes	\$350,000	Yes	1,143	1007	2,020	0	0	0	20	30	BLE	
041000052	4	Sabine	Adams Bayou Detention Ponds Study	Flood Protection Planning Study Cow Bayou & Adams Bayou Alternative	04000007, 04000012, 04000013, 04000014	Orange	12010005	120100051100	Lower Sabine	Project Planning	146	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	Yes	\$600,000	Yes	10,571	8463	18,428	306	15	15	240	9,260	BLE	
041000053	4	Sabine	Cole Creek Detention Ponds Study	Flood Protection Planning Study Cow Bayou & Adams Bayou Alternative	04000007, 04000012, 04000013, 04000014	Orange	12010005	120100051003, 120100051004, 120100051005	Lower Sabine	Project Planning	119	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	Yes	\$600,000	Yes	7,655	6390	10,805	7	7	7	156	9,437	BLE	
041000054	4	Sabine	Cow Bayou Detention Ponds Study	Flood Protection Planning Study Cow Bayou & Adams Bayou Alternative	04000007, 04000012, 04000013, 04000014	Orange	12010005	120100051003, 120100051004, 120100051005	Lower Sabine	Project Planning	119	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	Yes	\$600,000	Yes	7,655	6390	10,805	7	7	7	156	9,437	BLE	
041000055	4	Sabine	North Airport Retention Pond	Feasibility Study of North Airport Retention Pond	04000007	Hunt	12010001	120100010102, 120100010103	Upper Sabine	Project Planning	80	Riverine	Greenville	Greenville	Yes	\$640,000	Yes	489	310	1,702	3	0	0	29	5,957	BLE	
041000056	4	Sabine	Parker Creek Detention Pond	Feasibility Study of Parker Creek Detention Pond	04000007	Harrison	12010002	120100020703	Middle Sabine	Project Planning	47	Riverine	Marshall	Marshall	Yes	\$380,000	Yes	598	397	4,563	1	0	0	23	897	BLE	

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041000057	4	Sabine	Terry Gully Detention Ponds Study	Flood Protection Planning Study Cow Bayou & Adams Bayou Alternative	04000007, 04000012, 04000013, 04000014	Orange	12010005	120100051004	Lower Sabine	Project Planning	40	Riverine	Orange County Drainage District	Orange County Drainage District	Yes	\$600,000	Yes	2,444	2143	3,541	0	1	1	55	3,308	BLE	
041000058	4	Sabine	Gregg County Flood Hazard Mapping	Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.	04000012, 04000013, 04000014	Gregg	12010002	120100020402, 120100020403, 120100020404, 120100020405, 120100020501, 120100020502, 120100020503, 120100020504, 120100020505, 120100020506, 120100020601, 120100020602, 120100020603, 120100020606, 120100020608	Middle Sabine	Watershed Planning	274	Riverine	Gregg	Gregg	No	\$2,200,000	Yes	2,182	1544	11,464	26	1	1	86	1	BLE	
041000059	4	Sabine	Hunt County Flood Hazard Mapping	Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.	04000012, 04000013, 04000014	Hunt	12010001, 12010003	120100010101, 120100010102, 120100010103, 120100010104, 120100010301, 120100010302, 120100010303, 120100010401, 120100010402, 120100010403, 120100010404, 120100010405, 120100010406, 120100010407, 120100030101, 120100030102	Upper Sabine, Lake Fork	Watershed Planning	879	Riverine	Hunt	Hunt	Yes	\$4,000,000	Yes	2,297	1325	5,968	45	10	10	137	6	BLE	
041000060	4	Sabine	Jasper County Flood Hazard Mapping	Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.	04000007, 04000012, 04000013, 04000014	Jasper	12010005	120100050601, 120100050602, 120100050603, 120100050604, 120100050605, 120100050607, 120100050608, 120100050801, 120100050802, 120100050803, 120100050804, 120100050901, 120100050902, 120100050905, 120100051001, 120100051002, 120100051003	Lower Sabine	Watershed Planning	966	Riverine	Jasper	Jasper	Yes	\$700,000	Yes	945	915	1,739	15	5	5	67	2	BLE	
041000061	4	Sabine	Elevation of Feeder Road Bridge Along IH-10 at Cole Creek Feasibility Study	Elevation of Feeder Road Bridge Along IH-10 at Cole Creek Feasibility Study	04000007, 04000012, 04000013, 04000014	Orange	12010005	120100051003, 120100051004, 120100051005	Lower Sabine	Project Planning	119	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	Yes	\$500,000	Yes	7,655	6390	10,805	7	7	7	156	9,437	BLE	
041000062	4	Sabine	Lawrence Road Detention Pond Feasibility Study	Lawrence Road Detention Pond Feasibility Study	04000007, 04000012, 04000013, 04000014	Orange	12010005	120100051003, 120100051004, 120100051005	Lower Sabine	Project Planning	119	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	Yes	\$400,000	Yes	7,655	6390	10,805	7	7	7	156	9,437	BLE	
041000063	4	Sabine	Diversion Channel Cow Bayou Feasibility Study	Diversion Channel Cow Bayou Feasibility Study	04000007, 04000012, 04000013, 04000014	Orange	12010005	120100051003, 120100051004, 120100051005	Lower Sabine	Project Planning	119	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	Yes	\$5,209,500	Yes	7,655	6390	10,805	7	7	7	156	9,437	BLE	

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041000064	4	Sabine	Bell Cutoff Low Water Crossing Study	Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000007, 04000008	Harrison	12010002	120100020703	Middle Sabine	Project Planning	12	Riverine	Marshall	Marshall	No	\$75,000	No	54	46	271	0	0	0	344	344	0		
041000065	4	Sabine	Happy Hallow Creek Erosion Protection Study	Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000007, 04000008	Harrison	12010002	120100020703, 120100020701	Middle Sabine	Project Planning	2	Riverine	Marshall	Marshall	No	\$75,000	No	93	46	639	0	0	0	0	0	0	Hydraulic and Hydrologic model of Parker Creek through Marshall	
041000066	4	Sabine	Cox Creek Culvert Improvement Feasibility Study	Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000007, 04000008	Harrison	12010002	120100020703, 120100020701, 120100020702, 120100020704	Middle Sabine	Project Planning	6	Riverine	Marshall	Marshall	No	\$75,000	No	29	15	112	0	0	0	47	47	0		
041000067	4	Sabine	Cox Creek Drainage Basin Feasibility Study	Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000007, 04000008	Harrison	12010002	120100020703, 120100020701, 120100020702, 120100020704	Middle Sabine	Project Planning	6	Riverine	Marshall	Marshall	No	\$75,000	No	29	15	112	0	0	0	47	47	0		
041000068	4	Sabine	City of Marshall Drainage System Improvements Study	Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000007, 04000008	Harrison	12010002	120100020703, 120100020701	Middle Sabine	Project Planning	13	Riverine	Marshall	Marshall	No	\$100,000	No	465	296	4,657	0	0	0	120	120	0		
041000069	4	Sabine	East Parker Creek Detention Pond Feasibility Study	Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000007, 04000008	Harrison	12010002	120100020703, 120100020701	Middle Sabine	Project Planning	13	Riverine	Marshall	Marshall	No	\$75,000	No	465	296	4,657	0	0	0	120	120	Hydraulic and Hydrologic model of Parker Creek through Marshall		
041000070	4	Sabine	Franklin St Underpass Improvement Study	Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000007, 04000008	Harrison	12010002	120100020703	Middle Sabine	Project Planning	3	Riverine	Marshall	Marshall	No	\$75,000	No	141	67	1,416	0	0	0	6	6	0		
041000071	4	Sabine	Happy Hallow Creek Conveyance Improvement Study	Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000007, 04000008	Harrison	12010002	120100020703, 120100020701	Middle Sabine	Project Planning	2	Riverine	Marshall	Marshall	No	\$75,000	No	93	46	639	0	0	0	0	0	0	Hydraulic and Hydrologic model of Parker Creek through Marshall	
041000072	4	Sabine	Lower Happy Hollow Creek Detention Pond Feasibility Study	Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000007, 04000008	Harrison	12010002	120100020703, 120100020701	Middle Sabine	Project Planning	13	Riverine	Marshall	Marshall	No	\$75,000	No	465	296	4,657	0	0	0	120	120	Hydraulic and Hydrologic model of Parker Creek through Marshall		
041000073	4	Sabine	Parker Creek Maintenance Study	Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000007, 04000008	Harrison	12010002	120100020703, 120100020701	Middle Sabine	Project Planning	13	Riverine	Marshall	Marshall	No	\$10,000	No	465	296	4,657	0	0	0	120	120	Hydraulic and Hydrologic model of Parker Creek through Marshall		
041000074	4	Sabine	Summit St Drainage Improvement Study	Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000007, 04000008	Harrison	12010002	120100020703	Middle Sabine	Project Planning	2	Riverine	Marshall	Marshall	No	\$75,000	No	64	43	835	0	0	0	2	2	Hydraulic and Hydrologic model of Parker Creek through Marshall		
041000075	4	Sabine	Town Branch Creek Detention Pond Feasibility Study	Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000007, 04000008	Harrison	12010002	120100020703, 120100020701	Middle Sabine	Project Planning	13	Riverine	Marshall	Marshall	No	\$75,000	No	465	296	4,657	0	0	0	120	120	0		
041000076	4	Sabine	Turtle Creek Detention Pond Feasibility Study	Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000007, 04000008	Harrison	12010002	120100020703, 120100020701	Middle Sabine	Project Planning	13	Riverine	Marshall	Marshall	No	\$75,000	No	465	296	4,657	0	0	0	120	120	Hydraulic and Hydrologic model of Parker Creek through Marshall		
041000077	4	Sabine	Turtle Creek Maintenance Study	Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000007, 04000008	Harrison	12010002	120100020703, 120100020701	Middle Sabine	Project Planning	7	Riverine	Marshall	Marshall	No	\$10,000	No	188	148	2,237	0	0	0	104	104	Hydraulic and Hydrologic model of Parker Creek through Marshall		
041000078	4	Sabine	Upper Happy Hollow Creek Detention Pond Feasibility Study	Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000007, 04000008	Harrison	12010002	120100020703, 120100020701	Middle Sabine	Project Planning	13	Riverine	Marshall	Marshall	No	\$75,000	No	465	296	4,657	0	0	0	120	120	Hydraulic and Hydrologic model of Parker Creek through Marshall		

FME ID	RFPG No.	RFPG Name	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	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Habitable structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models	Existing or Anticipated Maps (year)
041000079	4	Sabine	Van Zandt County Master Drainage Plan	Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000007, 04000008	Van Zandt	12010001	120100010407, 120100010503, 120100010501, 120100010502, 120100010504, 120100010601, 120100010507, 120100010603, 120100010608, 120100010605, 120100010607, 120100010505, 120100010405, 120100010604, 120100010603, 120100010608,	Upper Sabine	Watershed Planning	856	Riverine	Van Zandt	Van Zandt	No	\$935,000	No	1,080	452	1,954	0	9	9	24,554	24,554	0	
041000080	4	Sabine	Smith County Drainage Capacity Upgrades	Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.	04000007, 04000008	Smith	12010001, 12010002	120100020104, 120100020101, 120100021004, 120100021005, 120100021006, 120100020107, 120100020501, 120100020301, 120100020302, 120100020303, 120100020403, 120100020404, 120100020405, 120100020502, 120100020102, 120100020104, 120100020501,	Upper Sabine, Middle Sabine	Project Planning	946	Riverine	Smith	Smith	Yes	\$225,000	No	1,303	767	2,893	7	0	0	9,799	9,799	0	
041000081	4	Sabine	Rusk County Drainage Master Plan	Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000007, 04000008	Rusk	12010002	120100021004, 120100021004, 120100021005, 120100021006, 120100020506, 120100020502, 120100020503, 120100020601, 120100020603, 120100020604, 120100020605, 120100020606, 120100020608, 120100020801, 120100020803, 120100020901, 120100020804, 120100020802, 120100020501, 120100021004,	Middle Sabine	Watershed Planning	935	Riverine	Rusk	Rusk	Yes	\$750,000	No	899	543	1,789	2	5	5	12,476	12,476	0	
041000082	4	Sabine	Shelby County Drainage Master Plan	Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000007, 04000008	Shelby	12010002, 12010004	120100020501, 120100021004, 120100021005, 120100021006, 120100020506, 120100020502, 120100020503, 120100020601, 120100020603, 120100020604, 120100020605, 120100020606, 120100020608, 120100020801, 120100020803, 120100020901, 120100020804, 120100020802,	Middle Sabine, Toledo Bend Reservoir	Watershed Planning	831	Riverine	Shelby	Shelby	No	\$150,000	No	575	0	212	0	3	3	8,973	8,973	0	
041000083	4	Sabine	Jasper County Drainage Master Plan	Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000007, 04000008	Jasper	12010005	120100050603, 120100050901, 120100050902, 120100051002, 120100051003, 120100050804, 120100050605, 120100050601, 120100050602, 120100051001, 120100050607, 120100050608, 120100050801, 120100050802, 120100050803,	Lower Sabine	Watershed Planning	966	Riverine	Jasper	Jasper	Yes	\$280,000	No	945	327	2,481	11	5	5	5,864	5,864	0	
041000084	4	Sabine	Orange County Flood Hazard Mapping	Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.	04000011, 04000012	Orange	12010005	120100051005, 120100051004, 120100051100, 120100051003	Lower Sabine	Watershed Planning	371	Riverine, Coastal	Orange County	Orange County	Yes	\$1,500,000	No	16,974	14040	44,427	269	22	22	13,579	13,579	0	
041000085	4	Sabine	Orange County Drainage Master Plan	Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000007, 04000008	Orange	12010005	120100051005, 120100051004, 120100051100, 120100051003	Lower Sabine	Watershed Planning	371	Riverine, Coastal	Orange County	Orange County	Yes	\$675,000	No	16,974	14040	44,427	269	22	22	13,579	13,579	0	
041000086	4	Sabine	Kaufman County Flood Hazard Mapping	Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.	04000011, 04000012	Kaufman	12010001	120100010501, 120100010303, 120100010404, 120100010302, 120100010405	Upper Sabine	Watershed Planning	805	Riverine	Kaufman	Kaufman	No	\$3,500,000	No	79	58	100	0	3	3	2,567	2,567	0	
041000087	4	Sabine	Rockwall County Flood Hazard Mapping	Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.	04000011, 04000012	Rockwall	12010001	120100010301, 120100010302	Upper Sabine	Watershed Planning	148	Riverine	Rockwall	Rockwall	No	\$575,000	No	191	149	786	0	11	11	2,829	2,829	0	
041000088	4	Sabine	Collin County Flood Hazard Mapping	Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.	04000011, 04000012	Collin	12010001	120100010201, 120100010202, 120100010301, 120100010302	Upper Sabine	Watershed Planning	883	Riverine	Collin	Collin	No	\$3,750,000	No	228	174	313	0	2	2	2,530	2,530	0	
041000089	4	Sabine	Hunt County Countywide Drainage Study - Phase 2	Development of detailed hydraulic models for additional areas of high flood risk identified in Phase 1. Perform alternatives analysis and develop FMPs for second cycle of the State Flood Plan.	04000007, 04000008	Hunt	12010001, 12010003	120100010201, 120100010202, 120100010301, 120100010302	Upper Sabine, Lake Fork	Project Planning	1,254	Riverine	Hunt	Hunt	Yes	\$250,000	No	3,043	1860	10,011	45	28	28	46,891	46,891	Hydraulic and Hydrologic model of Hunt County	
041000090	4	Sabine	Lower Sabine FIF Phase 2	Development of detailed hydraulic models for additional areas of high flood risk identified in Phase 1. Perform alternatives analysis and develop FMPs for second cycle of the State Flood Plan.	04000007, 04000008	Orange, Jasper, Newton	12010004, 12010005	120100010201, 120100010202, 120100010301, 120100010302	Toledo Bend Reservoir, Lower Sabine	Project Planning	2,144	Riverine, Coastal	Sabine River Authority	Sabine River Authority	Yes	\$250,000	No	20,900	16120	50,172	313	37	37	26,444	26,444	0	
041000091	4	Sabine	Upper Sabine FIF Phase 2	Development of detailed hydraulic models for additional areas of high flood risk identified in Phase 1. Perform alternatives analysis and develop FMPs for second cycle of the State Flood Plan.	04000007, 04000008	Gregg, Rusk	12010002	120100020501, 120100020506, 120100020502, 120100020503, 120100020601, 120100020504, 120100020505	Middle Sabine	Project Planning	249	Riverine	Sabine River Authority	Sabine River Authority	Yes	\$250,000	No	2,037	1473	14,565	20	3	3	4,405	4,405	Hydraulic and Hydrologic model of Longview and Kilgore	
041000092	4	Sabine	Collin County Retention Structures Rehabilitation Project	Collin County Retention Structures Rehabilitation Project	04000007, 04000008	Collin	12010001	120100010201, 120100010202, 120100010301, 120100010302	Upper Sabine	Project Planning	883	Riverine	Collin	Collin	No	\$30,000	No	228	174	313	0	2	2	2,530	2,530	0	
041000093	4	Sabine	Collin County Flooding Hazard/Vulnerability Assessment	Collin County flooding hazard/vulnerability assessment	04000007, 04000008	Collin	12010001	120100010201, 120100010202, 120100010301, 120100010302	Upper Sabine	Project Planning	883	Riverine	Collin	Collin	No	\$30,000	No	228	174	313	0	2	2	2,530	2,530	0	
041000094	4	Sabine	Collin County Dam Inundation Study	Collin County Dam Inundation Study	04000011, 04000012	Collin	12010001	120100010201, 120100010202, 120100010301, 120100010302	Upper Sabine	Other	883	Riverine	Collin	Collin	No	\$30,000	No	228	174	313	0	2	2	2,530	2,530	0	
041000095	4	Sabine	City of Emory Drainage Master Plan	Development of detailed hydraulic models for areas of high flood risk. Perform alternatives analysis and develop FMPs for second cycle of the State Flood Plan.	04000007, 04000008	Rains, Hopkins	12010001, 12010003	120100010506, 120100010507, 120100030101, 120100030102, 120100030103, 120100030107, 120100030104	Upper Sabine, Lake Fork	Watershed Planning	30	Riverine	Emory	Emory	No	\$100,000	No	35	31	30	0	0	0	1,500	1,500	0	
041000096	4	Sabine	City of Emory Roadway Flooding Evaluation	Development of detailed hydraulic models for areas of high flood risk. Perform alternatives analysis to evaluate roadway flooding throughout the city and Honeysuckle Lane, Quitman Street, Alexander Street, Wells Street, Skyline, and FM 515.	04000007, 04000008	Rains, Hopkins	12010001, 12010003	120100010506, 120100010507, 120100030101, 120100030102, 120100030103, 120100030107, 120100030104	Upper Sabine, Lake Fork	Project Planning	30	Riverine	Emory	Emory	No	\$100,000	No	35	31	30	0	0	0	1,500	1,500	0	
041000097	4	Sabine	Bighead Creek Flooding	Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.	04000007, 04000008	Gregg, Rusk	12010002	120100020503	Middle Sabine	Project Planning	2	Riverine	Kilgore	Kilgore	Yes	\$75,000	No	57	49	151	3	0	0	79	79	Hydraulic and Hydrologic model of Longview and Kilgore	

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041000098	4	Sabine	Guthrie Creek Corridor Flooding	Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	37	24	200	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore			
041000099	4	Sabine	Longview Underpass Flooding	Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	33	4	499	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore		
041000100	4	Sabine	Upper Wade Creek Flooding	Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	83	49	248	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore		
041000101	4	Sabine	Lower Wade Creek Flooding	Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	0	0	0	0	0	0	0	2	2	Hydraulic and Hydrologic model of Longview and Kilgore		
041000102	4	Sabine	Turkey Creek Tributary Neighborhood Flooding	Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.	04000007, 04000008	Gregg	12010002	120100020503	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	No	41	40	113	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore		
041000103	4	Sabine	Elm Branch Flooding	Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	18	17	43	0	0	0	1	1	Hydraulic and Hydrologic model of Longview and Kilgore			
041000104	4	Sabine	Upper Turkey Creek Neighborhood Flooding	Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.	04000007, 04000008	Gregg, Rusk	12010002	120100020503	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	No	42	37	108	0	2	2	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore		
041000105	4	Sabine	Tammy Lynn Drive Neighborhood Flooding	Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.	04000007, 04000008	Gregg	12010002	120100020504, 120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	10	7	61	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore		
041000106	4	Sabine	Upper Guthrie Creek Neighborhood Flooding	Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	53	47	493	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore		
041000107	4	Sabine	Harris Creek at US 80 Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	9	4	48	0	0	0	1	1	1	Hydraulic and Hydrologic model of Longview and Kilgore		
041000108	4	Sabine	Grace Creek Flooding at US 80	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	11	2	139	0	0	0	1	1	1	Hydraulic and Hydrologic model of Longview and Kilgore		
041000109	4	Sabine	Rabbit Creek at SH 42 Overtopping	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020502	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	No	2	0	28	0	0	0	2	2	2	Hydraulic and Hydrologic model of Longview and Kilgore		
041000110	4	Sabine	US 281 Underpass	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020506, 120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	2	0	11	0	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore	
041000111	4	Sabine	Judson Road Neighborhood Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	Yes	\$75,000	No	27	15	253	1	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore	
041000112	4	Sabine	SH 135 Underpass Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020502	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	No	0	0	0	0	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore	
041000113	4	Sabine	Drake Blvd Neighborhood Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	5	5	8	0	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore	

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041000114	4	Sabine	HG Mosely Roadway Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	3	3	29	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore		
041000115	4	Sabine	Eden Drive Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	15	15	120	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore	
041000116	4	Sabine	Coushatta Hills Creek Neighborhood Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	21	21	42	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore	
041000117	4	Sabine	Grace Creek at Loop 281 Overtopping (South)	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020506, 120100020505	Middle Sabine	Project Planning	1	Riverine	Longview	Longview	No	\$75,000	No	3	2	6	0	0	0	5	5	5	Hydraulic and Hydrologic model of Longview and Kilgore	
041000118	4	Sabine	Whispering Pines Roadway Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	20	20	43	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore	
041000119	4	Sabine	Eastman Road Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020601	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	7	2	24	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore	
041000120	4	Sabine	Florence Street Neighborhood Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Rusk	12010002	120100020503	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	No	25	22	68	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore	
041000121	4	Sabine	Grace Creek at Freemont Street Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	6	6	19	0	0	0	3	3	3	Hydraulic and Hydrologic model of Longview and Kilgore	
041000122	4	Sabine	Secretariat Trail Neighborhood Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	11	11	110	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore	
041000123	4	Sabine	Lorraine Court Neighborhood Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	21	21	50	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore	
041000124	4	Sabine	Rabbit Creek at SH 31 Overtopping	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020506, 120100020502	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	No	1	1	0	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore	
041000125	4	Sabine	US 259 and Remington Neighborhood Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Rusk	12010002	120100020503	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	No	3	2	8	0	0	0	13	13	13	Hydraulic and Hydrologic model of Longview and Kilgore	
041000126	4	Sabine	Harris Creek Local Road Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	4	1	9	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore	
041000127	4	Sabine	Harley Ridge Road Flooding (South)	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020504	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	5	5	11	0	0	0	8	8	8	Hydraulic and Hydrologic model of Longview and Kilgore	
041000128	4	Sabine	French Drive Neighborhood Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020504	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	5	5	10	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore	
041000129	4	Sabine	Middle Guthrie Creek Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	4	2	447	0	0	0	1	1	1	Hydraulic and Hydrologic model of Longview and Kilgore	

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041000130	4	Sabine	Upper Iron Bridge Creek Neighborhood Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020601, 120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	13	12	24	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore		
041000131	4	Sabine	Lakeport Neighborhood Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020601	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	16	15	16	0	0	0	2	2	Hydraulic and Hydrologic model of Longview and Kilgore		
041000132	4	Sabine	Oak Creek Tributary Neighborhood Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	15	10	78	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore		
041000133	4	Sabine	S Whately Road Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020504	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	1	1	1	0	0	0	24	24	Hydraulic and Hydrologic model of Longview and Kilgore		
041000134	4	Sabine	Grace Creek at Highway 31 Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	3	0	64	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore	
041000135	4	Sabine	Rockwall Drive Neighborhood Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	12	12	29	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore	
041000136	4	Sabine	Sabine Street and Railroad Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	0	0	0	0	0	0	4	4	Hydraulic and Hydrologic model of Longview and Kilgore		
041000137	4	Sabine	Hawkins Creek Tributary Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020504	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	1	1	0	0	0	0	3	3	Hydraulic and Hydrologic model of Longview and Kilgore		
041000138	4	Sabine	Coleman Drive Neighborhood Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	27	27	58	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore	
041000139	4	Sabine	Rabbit Creek at SH 135 Overtopping	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020502	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	No	0	0	0	0	1	1	1	1	Hydraulic and Hydrologic model of Longview and Kilgore		
041000140	4	Sabine	Grace Creek at HG Mosley Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	0	0	0	0	0	0	4	4	Hydraulic and Hydrologic model of Longview and Kilgore		
041000141	4	Sabine	Grace Creek at Loop 281 Flooding (North)	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	4	0	229	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore	
041000142	4	Sabine	Circle Road Neighborhood Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Harrison	12010002	120100020601	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	8	8	18	0	0	0	1	1	Hydraulic and Hydrologic model of Longview and Kilgore		
041000143	4	Sabine	N Whately Road Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020504	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	2	2	4	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore	
041000144	4	Sabine	Meadowbrook Neighborhood Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Rusk	12010002	120100020501	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	No	27	22	64	0	0	0	3	3	Hydraulic and Hydrologic model of Longview and Kilgore		
041000145	4	Sabine	Hill Street Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	1	1	4	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore	

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041000146	4	Sabine	Rabbit Creek at Fairmont Street Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020502	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	No	0	0	0	0	1	1	1	1	Hydraulic and Hydrologic model of Longview and Kilgore		
041000147	4	Sabine	Lynnwood Street Neighborhood Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	9	9	19	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore	
041000148	4	Sabine	Harley Ridge Overtopping (North)	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020504	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	1	1	4	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore	
041000149	4	Sabine	Rolling Meadows Neighborhood Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020506	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	No	13	13	21	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore	
041000150	4	Sabine	Lake Lamond	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	1	Riverine	Longview	Longview	No	\$75,000	No	1	0	178	0	0	0	0	2	2	Hydraulic and Hydrologic model of Longview and Kilgore	
041000151	4	Sabine	Evergreen Street Overtopping	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	0	0	0	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore	
041000152	4	Sabine	Higginbotham Road Neighborhood Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020503	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	No	12	12	26	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore	
041000153	4	Sabine	Meadowview Road Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020504	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	2	2	3	0	0	0	3	3	Hydraulic and Hydrologic model of Longview and Kilgore		
041000154	4	Sabine	White Street Neighborhood Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg, Rusk	12010002	120100020503	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	No	3	3	5	0	0	0	1	1	Hydraulic and Hydrologic model of Longview and Kilgore		
041000155	4	Sabine	Airline Road Overtopping	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	1	0	0	0	0	0	0	1	1	Hydraulic and Hydrologic model of Longview and Kilgore	
041000156	4	Sabine	Patio Street Neighborhood Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	21	21	102	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore	
041000157	4	Sabine	Old Gladewater Highway Overtopping	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020502	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	No	1	0	0	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore	
041000158	4	Sabine	Ray Creek at Piller Precise Rd Overtopping	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	0	0	0	0	0	0	0	2	2	Hydraulic and Hydrologic model of Longview and Kilgore	
041000159	4	Sabine	Cassidy Lane Overtopping	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Rusk	12010002	120100020506	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	No	0	0	0	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore	
041000160	4	Sabine	County Road 1114 Overtopping	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Rusk	12010002	120100020501, 120100020502	Middle Sabine	Project Planning	0	Riverine	Rusk	Rusk	No	\$75,000	No	0	0	0	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore	
041000161	4	Sabine	Mitchell Lake Outfall	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020601	Middle Sabine	Project Planning	0	Riverine	Lakeport	Lakeport	No	\$75,000	No	0	0	0	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore	

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041000162	4	Sabine	County Road 1115 Overtopping	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Rusk	12010002	120100020502	Middle Sabine	Project Planning	0	Riverine	Rusk	Rusk	No	\$75,000	No	0	0	0	0	0	0	11	11	Hydraulic and Hydrologic model of Longview and Kilgore		
041000163	4	Sabine	County Road 138 Overtopping	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Rusk	12010002	120100020501	Middle Sabine	Project Planning	0	Riverine	Rusk	Rusk	No	\$75,000	No	0	0	0	0	0	0	7	7	Hydraulic and Hydrologic model of Longview and Kilgore		
041000164	4	Sabine	County Road 1110 Overtopping	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Rusk	12010002	120100020501	Middle Sabine	Project Planning	0	Riverine	Rusk	Rusk	No	\$75,000	No	0	0	0	0	0	0	35	35	Hydraulic and Hydrologic model of Longview and Kilgore		
041000165	4	Sabine	Grace Creek at Hawkins Pkwy Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	1	0	2	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore	
041000166	4	Sabine	FM 3053/1639 Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Rusk	12010002	120100020501	Middle Sabine	Project Planning	1	Riverine	Kilgore	Kilgore	No	\$75,000	No	0	0	0	0	0	0	87	87	Hydraulic and Hydrologic model of Longview and Kilgore		
041000167	4	Sabine	McCann Creek Road Overtopping	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	1	1	5	0	0	0	5	5	Hydraulic and Hydrologic model of Longview and Kilgore		
041000168	4	Sabine	Meadows Lane Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020506	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	No	0	0	0	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore	
041000169	4	Sabine	McKay Street Overtopping	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Rusk	12010002	120100020501	Middle Sabine	Project Planning	0	Riverine	Overton	Overton	No	\$75,000	No	1	1	0	0	0	0	43	43	Hydraulic and Hydrologic model of Longview and Kilgore		
041000170	4	Sabine	FM 3053 Overtopping	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Rusk	12010002	120100020501	Middle Sabine	Project Planning	0	Riverine	Rusk	Rusk	No	\$75,000	No	0	0	0	0	0	0	31	31	Hydraulic and Hydrologic model of Longview and Kilgore		
041000171	4	Sabine	Hawkins Creek at George Richey Road Overtopping	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020504	Middle Sabine	Project Planning	0	Riverine	White Oak	White Oak	No	\$75,000	No	0	0	0	0	0	0	3	3	Hydraulic and Hydrologic model of Longview and Kilgore		
041000172	4	Sabine	Denman Road Overtopping	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Smith	12010002	120100020501	Middle Sabine	Project Planning	0	Riverine	Smith	Smith	No	\$75,000	No	0	0	0	0	0	0	17	17	Hydraulic and Hydrologic model of Longview and Kilgore		
041000174	4	Sabine	County Road 146 Overtopping	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Rusk	12010002	120100020501	Middle Sabine	Project Planning	0	Riverine	Rusk	Rusk	No	\$75,000	No	0	0	0	0	0	0	11	11	Hydraulic and Hydrologic model of Longview and Kilgore		
041000175	4	Sabine	Rabbit Creek at Spinks Chapman Overtopping	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020506	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	No	0	0	0	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore	
041000176	4	Sabine	Jamestown Road Overtopping	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Smith	12010002	120100020501	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	No	0	0	0	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore	
041000177	4	Sabine	Bighead Creek at US 259 Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020502, 120100020503	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	No	0	0	0	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore	

Table 13: Potential Flood Mitigation Projects Identified by RFPG

FMP ID	RFPG No.	RFPG Name	FMP Name	Description	Associated Goals (ID)	Counties	HUC12s	Watershed Name	Project Type	Project Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Project Cost (\$)
04300001	4	Sabine	Terry Gully Regional Detention Pond 1	Proposed detention pond for flood mitigation	04000007, 04000008	Orange	120100051004, 120100051003	Lower Sabine	Detention Pond	16	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	No	\$46,397,775
04300002	4	Sabine	Terry Gully Regional Detention Pond 2	Proposed detention pond for flood mitigation	04000007, 04000008	Orange	120100051004, 120100051003	Lower Sabine	Detention Pond	16	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	No	\$13,859,613
04300003	4	Sabine	Terry Gully Regional Detention Pond 3	Proposed detention pond for flood mitigation	04000007, 04000008	Orange	120100051004, 120100051003	Lower Sabine	Detention Pond	16	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	No	\$93,350,287
04300004	4	Sabine	Terry Gully Regional Detention Pond 4	Proposed detention pond for flood mitigation	04000007, 04000008	Orange	120100051004, 120100051003	Lower Sabine	Detention Pond	16	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	No	\$60,463,723
04300005	4	Sabine	Claiborne Park Regional Detention Pond	Proposed detention pond for flood mitigation	04000003, 04000007, 04000008	Orange	120100051005, 120100051004, 120100051100, 120100051002, 120100051003	Lower Sabine	Detention Pond	63	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	Yes	\$133,851,861
04300006	4	Sabine	Kinard Estates Drainage Improvements	Proposed detention pond and local drainage improvements for flood mitigation	04000003, 04000007, 04000008	Orange	120100051100	Lower Sabine	Detention Pond	12	Riverine, Coastal	Orange County	Orange County	Yes	\$96,833,693
04300007	4	Sabine	Elevation of Feeder Road Along IH-10 at Cole Creek	Proposed roadway improvements for access to IH10 during flood events	04000007, 04000008	Orange	120100051004	Lower Sabine	LWC Upgrade	0	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	No	\$986,215
04300008	4	Sabine	Lawrence Road Detention Pond	Expansion of existing detention pond	04000003, 04000007, 04000008	Orange	120100051005, 120100051004, 120100051100, 120100051002, 120100051003	Lower Sabine	Detention Pond	63	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	Yes	\$29,215,062
04300009	4	Sabine	Upper Cow Detention Pond	Proposed detention pond for flood mitigation	04000003, 04000007, 04000008	Orange	120100051005, 120100051004, 120100051100, 120100051002, 120100051003	Lower Sabine	Detention Pond	63	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	Yes	\$172,241,395
04300010	4	Sabine	Upper Adams Detention Pond	Proposed detention pond for flood mitigation	04000007, 04000008	Orange	120100051004, 120100051100, 120100051003	Lower Sabine	Detention Pond	6	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	No	\$19,561,929
04300011	4	Sabine	Cole Creek Detention Pond	Proposed detention pond for flood mitigation	04000003, 04000007, 04000008	Orange	120100051005, 120100051004, 120100051100, 120100051002, 120100051003	Lower Sabine	Detention Pond	47	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	Yes	\$41,147,927
04300012	4	Sabine	CR-2400 Drainage Improvements	Two proposed bridge installations over creek crossing on County Road 2400 to reduce roadway overtopping during storm events. Includes some creek channel grading improvements.	04000007, 04000008	Hunt	120100010303, 120100010302	Upper Sabine	LWC Upgrade	2	Riverine, Coastal	Hunt	Hunt	No	\$14,437,130
04300013	4	Sabine	CR-2706 Drainage Improvements	Two proposed bridge installations over creek crossing on County Road 2706 to reduce roadway overtopping during storm events. A bridge class culvert, trapezoidal channel, and creek channel grading are also proposed.	04000001, 04000007, 04000008	Hunt	120100010201, 120100010202	Upper Sabine	LWC Upgrade	2	Riverine, Coastal	Hunt	Hunt	No	\$9,125,858
04300014	4	Sabine	CR-3101 Drainage Improvements	Two proposed bridge installations over nearby creek crossings on County Road 3101 to reduce roadway overtopping during storm events. Includes some creek channel grading improvements.	04000001, 04000007, 04000008	Hunt	120100010103	Upper Sabine	LWC Upgrade	1	Riverine, Coastal	Hunt	Hunt	No	\$9,217,492
04300015	4	Sabine	CR-4105 Drainage Improvements	Proposed bridge installation over creek crossing on County Road 4105 to reduce roadway overtopping during storm events. Includes side ditch grading improvements.	04000001, 04000007, 04000008	Hunt	120100010103, 120100010102	Upper Sabine	LWC Upgrade	1	Riverine, Coastal	Hunt	Hunt	No	\$4,284,973
04300016	4	Sabine	CR-4106 Drainage Improvements	Two proposed bridge installations over creek crossing on County Road 4106 to reduce roadway overtopping during storm events. Includes some creek channel grading improvements directly under the proposed bridges.	04000001, 04000007, 04000008	Hunt	120100010103, 120100010104	Upper Sabine	LWC Upgrade	1	Riverine, Coastal	Hunt	Hunt	No	\$3,344,199
04300017	4	Sabine	Orange County Coastal Storm Risk Management Project	Program comprised of improvements and construction of new infrastructure currently being implemented to reduce the risk of storm surge impacts in Orange, Jefferson, and Brazoria Counties in Texas.	04000003, 04000007	Orange, Newton	120100051005, 120100051004, 120100051100, 120100051003	Lower Sabine	Flood Walls and Levees	265	Riverine	Orange County Drainage District	Orange County Drainage District	Yes	\$2,270,099,968
04300018	4	Sabine	Kilgore Downtown Storm Sewer Master Plan Improvements	Downtown Storm Sewer Improvements	04000007	Gregg	120100020502, 120100020503	Middle Sabine	Storm Drain	1	Riverine, Coastal	Kilgore	Kilgore	No	\$2,238,252
04300020	4	Sabine	Parker Creek Maintenance	Remove debris and clear channel South of Hwy 59 to Five Notch Rd	04000007, 04000008	Harrison	120100020703, 120100020701	Middle Sabine	Channel	13	Riverine, Coastal	Marshall	Marshall	No	\$258,023
04300021	4	Sabine	Turtle Creek Maintenance	Remove debris and clear channel West of Hwy 59	04000007, 04000008	Harrison	120100020703, 120100020701	Middle Sabine	Channel	13	Riverine, Coastal	Marshall	Marshall	No	\$504,464
04300022	4	Sabine	Upper Happy Hollow Drainage Improvement - City Park	Improve Drainage Walls - Carter thru City Park	04000007, 04000008	Harrison	120100020703, 120100020701	Middle Sabine	Channel	13	Riverine, Coastal	Marshall	Marshall	No	\$981,076
04300023	4	Sabine	Parker Creek Detention Pond	Detention pond by UPRR	04000007, 04000008	Harrison	120100020703, 120100020701	Middle Sabine	Detention Pond	13	Riverine, Coastal	Marshall	Marshall	No	\$5,047,893
04300024	4	Sabine	Upper Happy Hollow Drainage Improvement - Smith Park	Drainage improvement through Smith Park	04000007, 04000008	Harrison	120100020703, 120100020701	Middle Sabine	Channel	13	Riverine, Coastal	Marshall	Marshall	No	\$491,866
04300025	4	Sabine	Parker Creek Improvements	Improvements through downtown	04000007, 04000008	Harrison	120100020703, 120100020701	Middle Sabine	Channel	13	Riverine, Coastal	Marshall	Marshall	No	\$19,010,117
04300026	4	Sabine	City of Longview Property Acquisition	Implementation of program to purchase properties and repetitive loss homes in floodplain areas to reserve them from development.	04000003, 04000005, 04000006	Gregg	120100020506, 120100020601, 120100020504, 120100020505	Middle Sabine	Property Acquisition	94	Riverine, Coastal	Longview	Longview	Yes	\$10,000,000
04300027	4	Sabine	City of Kilgore Property Acquisition	Implementation of program to purchase properties and repetitive loss homes in floodplain areas to reserve them from development.	04000003, 04000005, 04000006	Gregg, Rusk	120100020501, 120100020506, 120100020502, 120100020503, 120100020601	Middle Sabine	Property Acquisition	155	Riverine, Coastal	Kilgore	Kilgore	Yes	\$56,159,648

FMP ID	Potential Funding Sources and Amount	Flood Risk									Reduction in Flood Risk								
		Area in 100yr Floodplain	Area in 500yr Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at 100-year flood risk	Estimated Population at 100-year flood risk	Critical Facilities at 100-year flood risk	Number of low water crossings at flood risk	Estimated number of road closures	Estimated length of roads at 100-year flood risk (Miles)	Number of structures with reduced 100yr flood risk	Number of structures removed from 100yr flood risk	Number of structures removed from 500yr flood risk	Residential structures removed from 100yr flood risk	Estimated Population removed from 100yr flood risk	Critical facilities removed from 100yr flood risk	Number of low water crossings removed from 100yr flood risk	Estimated reduction in road closure occurrences	Estimated length of roads removed from 100yr flood risk (Miles)
043000001	None	10	2	1,265	1,129	2,949	0	0	0	30	736	463	266	259	1288	9	0	0	7
043000002	None	10	2	1,265	1,129	2,949	0	0	0	30	545	76	210	190	458	8	0	0	0
043000003	None	10	2	1,265	1,129	2,949	0	0	0	30	515	108	2596	28	551	8	0	0	2
043000004	None	10	2	1,265	1,129	2,949	0	0	0	30	459	61	147	4	463	8	0	0	1
043000005	None	40	9	3,336	2,992	5,869	2	1	1	68	592	75	83	27	472	8	0	0	1
043000006	None	8	2	1,502	1,380	4,663	4	7	7	25	296	129	160	71	554	9	0	0	1
043000007	None	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	0
043000008	None	40	9	3,336	2,992	5,869	2	2	2	68	124	124	164	41	570	0	2	0	0
043000009	None	40	9	3,336	2,992	5,869	2	1	1	68	782	126	71	73	165	0	0	0	1
043000010	None	4	1	532	451	1,339	0	0	0	12	314	55	75	11	437	8	0	0	0
043000011	None	29	7	2,071	1,863	2,920	2	1	1	38	351	14	99	14	438	0	0	0	0
043000012	None	1	0	2	0	1	0	0	0	1	0	0	0	0	0	0	1	1	0
043000013	None	1	0	3	3	7	0	0	0	1	0	0	0	0	0	0	0	0	0
043000014	None	0	0	2	2	2	0	0	0	0	1	0	0	0	0	0	0	0	0
043000015	None	0	0	1	1	2	0	0	0	0	1	0	0	0	0	0	0	0	0
043000016	None	0	0	5	4	3	0	0	0	0	1	0	0	0	0	0	0	0	0
043000017	Federal Funds (Long Term Disaster Recovery Investment Plan), Local \$836,499,968	52	99	7,929	6,107	24,485	206	21	0	158	0	1618	783	1272	2375	9	21	0	28
043000018	None	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	1
043000020	None	2	0	465	296	4,657	0	0	0	13	0	0	0	0	0	0	0	0	0
043000021	None	2	0	465	296	4,657	0	0	0	13	0	0	25	0	0	0	0	0	0
043000022	None	2	0	465	296	4,657	0	0	0	13	13	0	2	0	0	0	0	0	0
043000023	None	2	0	465	296	4,657	0	0	0	13	0	0	0	0	0	0	0	0	0
043000024	None	2	0	465	296	4,657	0	0	0	13	14	9	13	5	18	0	0	0	0
043000025	None	2	0	465	296	4,657	0	0	0	13	30	2	13	0	73	0	0	0	0
043000026	None	24	2	1,520	1,107	12,674	17	0	0	51	4	4	4	4	18	0	0	0	0
043000027	None	38	3	517	366	1,891	3	3	3	45	22	22	22	22	75	0	0	0	0

FMP ID	Estimated farm & ranch land removed from 100yr flood risk (acres)	Estimated reduction in fatalities (if available)	Estimated reduction in injuries (if available)	Pre-Project Level-of-Service	Post-Project Level-of-Service	Cost/ Structure removed	Percent Nature-based Solution (by cost)	Negative Impact	Negative Impact Mitigation	Social Vulnerability Index (SVI)	Water Supply Benefit	Traffic Count for Low Water Crossings	Benefit-Cost Ratio	RFPG Recommendation	Reason for Recommendation
043000001	203	Unknown	Unknown	Unknown	Unknown	\$125,774	0%	No	None	0.283	No	0	0.3	Yes	Aligns with RFPG Goals
043000002	81	Unknown	Unknown	Unknown	Unknown	\$228,882	0%	No	None	0.283	No	0	0.2	Yes	Aligns with RFPG Goals
043000003	98	Unknown	Unknown	Unknown	Unknown	\$1,084,841	0%	No	None	0.283	No	0	0.1	Yes	Aligns with RFPG Goals
043000004	120	Unknown	Unknown	Unknown	Unknown	\$1,244,054	0%	No	None	0.283	No	0	0.1	Yes	Aligns with RFPG Goals
043000005	92	Unknown	Unknown	Unknown	Unknown	\$2,053,282	0%	No	None	0.334	No	0	0.2	Yes	Aligns with RFPG Goals
043000006	140	Unknown	Unknown	Unknown	100-Year	\$863,619	0%	No	None	0.305	No	0	0.1	Yes	Aligns with RFPG Goals
043000007	0	Unknown	Unknown	Unknown	Unknown	\$0	0%	No	None	0.178	No	860	0.1	Yes	Aligns with RFPG Goals
043000008	0	Unknown	Unknown	Unknown	Unknown	\$0	0%	No	None	0.334	No	0	0.3	Yes	Aligns with RFPG Goals
043000009	30	Unknown	Unknown	Unknown	Unknown	\$1,233,509	0%	No	None	0.334	No	0	0.3	Yes	Aligns with RFPG Goals
043000010	84	Unknown	Unknown	Unknown	Unknown	\$409,199	0%	No	None	0.293	No	0	0.3	Yes	Aligns with RFPG Goals
043000011	137	Unknown	Unknown	Unknown	Unknown	\$106,517	0%	No	None	0.361	No	0	0.2	Yes	Aligns with RFPG Goals
043000012	0	Unknown	Unknown	Unknown	Unknown	\$0	0%	No	None	0.184	No	0	0.7	Yes	Aligns with RFPG Goals
043000013	0	Unknown	Unknown	Unknown	Unknown	\$0	0%	No	None	0.258	No	0	0.8	Yes	Aligns with RFPG Goals
043000014	0	Unknown	Unknown	Unknown	Unknown	\$0	0%	No	None	0.341	No	0	0.4	Yes	Aligns with RFPG Goals
043000015	0	Unknown	Unknown	Unknown	Unknown	\$0	0%	No	None	0.516	No	0	0.3	Yes	Aligns with RFPG Goals
043000016	0	Unknown	Unknown	Unknown	Unknown	\$0	0%	No	None	0.391	No	0	0.5	Yes	Aligns with RFPG Goals
043000017	1,679	Unknown	Unknown	Unknown	500-Year	\$1,477,132	0%	No	None	0.806	No	0	1.60000002	Yes	Aligns with RFPG Goals
043000018	0	Unknown	Unknown	Unknown	100-Year	\$0	0%	No	None	0.962	No	0	0.01	Yes	Aligns with RFPG Goals
043000020	0	Unknown	Unknown	Unknown	Unknown	\$0	0%	No	None	0.674	No	0	0.1	Yes	Aligns with RFPG Goals
043000021	0	Unknown	Unknown	Unknown	Unknown	\$0	0%	No	None	0.674	No	0	0	Yes	Aligns with RFPG Goals
043000022	0	Unknown	Unknown	Unknown	Unknown	\$0	0%	No	None	0.674	No	0	0	Yes	Aligns with RFPG Goals
043000023	0	Unknown	Unknown	Unknown	Unknown	\$0	0%	No	None	0.674	No	0	0.1	Yes	Aligns with RFPG Goals
043000024	0	Unknown	Unknown	Unknown	Unknown	\$76,178	0%	No	None	0.674	No	0	0.1	Yes	Aligns with RFPG Goals
043000025	0	Unknown	Unknown	Unknown	Unknown	\$81,180	0%	No	None	0.674	No	0	0.1	Yes	Aligns with RFPG Goals
043000026	0	Unknown	Unknown	Unknown	Unknown	\$189,957	0%	No	None	0.672	No	0	0.6	Yes	Aligns with RFPG Goals
043000027	0	Unknown	Unknown	Unknown	Unknown	\$292,508	0%	No	None	0.590	No	0	3.2	Yes	Aligns with RFPG Goals

Table 13: Potential Flood Mitigation Projects Identified by RFPG

FMP ID	RFPG No.	RFPG Name	FMP Name	Description	Associated Goals (ID)	Counties	HUC12s	Watershed Name	Project Type	Project Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Project Cost (\$)
04300029	4	Sabine	Orange County Property Acquisition	Acquire flood prone/repetitive loss properties and convert to open space, parks, boating access, trails, agricultural projects, and/or as a general community asset.	04000003, 04000005, 04000006	Orange	120100051005, 120100051004, 120100051100, 120100051003	Lower Sabine	Property Acquisition	371	Riverine, Coastal	Orange County	Orange County	Yes	\$10,000,000
04300030	4	Sabine	Orange County Elevation of Residential Structures Program	Elevations of homes within Floodplains throughout County.	04000003, 04000005, 04000006	Orange	120100051005, 120100051004, 120100051100, 120100051003	Lower Sabine	Property Elevation	371	Riverine, Coastal	Orange County	Orange County	Yes	\$10,000,000
04300031	4	Sabine	Bighead Creek Flooding - Roadway Improvements to Stone Road	Proposed drainage improvements near Bighead Creek	04000001, 04000003, 04000007, 04000008	Rusk	120100020501, 120100020506, 120100020502, 120100020503, 120100020601	Middle Sabine	LWC Upgrade	155	Riverine, Coastal	Kilgore	Kilgore	Yes	\$57,548,151
04300032	4	Sabine	Harris Creek Tributary Flooding	Proposed drainage improvements near Harris Creek	04000003, 04000007, 04000008	Gregg	120100020506, 120100020601, 120100020504, 120100020505	Middle Sabine	Channel	94	Riverine, Coastal	Longview	Longview	Yes	\$53,892,341
04300033	4	Sabine	Iron Bridge Creek Neighborhood Flooding	Proposed drainage improvements near Iron Bridge Creek	04000003, 04000007, 04000008	Gregg	120100020506, 120100020601, 120100020504, 120100020505	Middle Sabine	Detention Pond	94	Riverine, Coastal	Longview	Longview	Yes	\$25,270,808
04300034	4	Sabine	CR-342 Drainage Improvements	Proposed bridge installation over creek crossing on County Road 342 to reduce roadway overtopping during storm events.	04000001, 04000007, 04000008	Kaufman	120100010405	Upper Sabine	LWC Upgrade	0	Riverine, Coastal	Kaufman	Kaufman	No	\$2,141,682
04300035	4	Sabine	Sabine Flood Measurement Gages	Install flood measurement gages regionwide	04000003, 04000015, 04000016	Delby, Rusk, Panola	120100010301	Regionwide	Flood Measurement and Warning	4,760	Riverine, Coastal	Sabine River Authority	Sabine River Authority	Yes	\$737,148

FMP ID	Potential Funding Sources and Amount	Flood Risk									Reduction in Flood Risk								
		Area in 100yr Floodplain	Area in 500yr Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at 100-year flood risk	Estimated Population at 100-year flood risk	Critical Facilities at 100-year flood risk	Number of low water crossings at flood risk	Estimated number of road closures	Estimated length of roads at 100-year flood risk (Miles)	Number of structures with reduced 100yr flood risk	Number of structures removed from 100yr flood risk	Number of structures removed from 500yr flood risk	Residential structures removed from 100yr flood risk	Estimated Population removed from 100yr flood risk	Critical facilities removed from 100yr flood risk	Number of low water crossings removed from 100yr flood risk	Estimated reduction in road closure occurrences	Estimated length of roads removed from 100yr flood risk (Miles)
043000029	None	148	29	16,974	14,040	44,427	269	22	22	364	0	0	0	0	0	0	0	0	0
043000030	None	148	29	16,974	14,040	44,427	269	22	22	364	0	0	0	0	0	0	0	0	0
043000031	None	38	3	517	366	1,891	3	3	3	45	0	0	0	0	0	0	0	0	0
043000032	None	1	0	541	472	3,309	1	0	0	4	144	50	11	47	246	0	0	0	0
043000033	None	0	0	360	313	2,069	1	0	0	2	114	14	9	13	26	0	0	0	0
043000034	None	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0
043000035	None	1,385	73	12,591	7,574	43,502	88	67	67	877	0	0	0	0	0	0	0	0	0

FMP ID				Pre-Project Level-of-Service	Post-Project Level-of-Service	Cost/ Structure removed	Percent Nature-based Solution (by cost)	Negative Impact	Negative Impact Mitigation	Social Vulnerability Index (SVI)	Water Supply Benefit	Traffic Count for Low Water Crossings	Benefit-Cost Ratio	RFPG Recommendation	Reason for Recommendation
	Estimated farm & ranch land removed from 100yr flood risk (acres)	Estimated reduction in fatalities (if available)	Estimated reduction in injuries (if available)												
043000029	0	Unknown	Unknown	Unknown	Unknown	\$0	0%	No	None	0.432	No	999999	0	Yes	Aligns with RFPG Goals
043000030	0	Unknown	Unknown	Unknown	Unknown	\$0	0%	No	None	0.432	No	999999	0	Yes	Aligns with RFPG Goals
043000031	0	Unknown	Unknown	Unknown	Unknown	\$0	0%	No	None	0.590	No	0	0.17	Yes	Aligns with RFPG Goals
043000032	0	Unknown	Unknown	Unknown	Unknown	\$0	0%	No	None	0.591	No	0	0.01	Yes	Aligns with RFPG Goals
043000033	0	Unknown	Unknown	Unknown	Unknown	\$0	0%	No	None	0.591	No	0	0.01	Yes	Aligns with RFPG Goals
043000034	0	Unknown	Unknown	Unknown	Unknown	\$0	0%	No	None	0.436	No	0	0.9	Yes	Aligns with RFPG Goals
043000035	0	Unknown	Unknown	Unknown	Unknown	\$0	0%	No	None	0.540	No	0	1	Yes	Aligns with RFPG Goals

Table 14: Potentially Feasible Flood Management Strategies Identified by RFPG

FMS ID	RFPG No.	RFPG Name	FMS Name	Description	Associated Goals (ID)	Counties	HUC8s	HUC12s	Watershed Name	Project Type	Strategy Project Area (sqmi)	Flood Risk Type
04200001	4	Sabine	Orange County Drainage District Design Criteria	Update Design Criteria	04000009, 04000018, 04000019	Orange	12010005	120100051100, 120100051003, 120100051004, 120100051005	Lower Sabine	Regulatory and Guidance	371	Riverine, Coastal
04200002	4	Sabine	Orange County Property Acquisition	Administer program to acquire flood prone/repetitive loss properties and convert to open space, parks, boating access, trails, agricultural projects, and/or as a general community asset.	04000005	Orange	12010005	120100051100, 120100051003, 120100051004, 120100051005	Lower Sabine	Property Acquisition and Structural Elevation	371	Riverine, Coastal
04200003	4	Sabine	Orange County Drainage District Flood Warning System	Improvement of existing flood warning system	04000015	Orange	12010005	120100051100, 120100051003, 120100051004, 120100051005	Lower Sabine	Flood Measurement and Warning	371	Riverine, Coastal
04200004	4	Sabine	Orange County Detention Ponds Throughout County	Series of detention ponds to prevent flooding along IH-10, Hwy 12, Hwy 62, and Hwy 87 – the County’s evacuation routes.	04000007	Orange	12010005	120100051005, 120100051004, 120100051100, 120100051003	Lower Sabine	Infrastructure Projects	371	Riverine, Coastal
04200005	4	Sabine	Van Zandt County Wide Floodplain Development Regulations	Incorporate higher standards for flood hazard resiliency in local application of the building code.	04000009, 04000018	Van Zandt	12010001	120100010407, 120100010503, 120100010501, 120100010502, 120100010504, 120100010601, 120100010507, 120100010603, 120100010608, 120100010605, 120100010607, 120100010505, 120100010405, 120100010604	Upper Sabine	Regulatory and Guidance	856	Riverine
04200006	4	Sabine	Rockwall Countywide Flood Awareness Program	Develop a public education and awareness website to educate and inform Rockwall County residents/businesses about the natural hazards and the potential ways to mitigate them and the ecological and societal benefits of flooding.	04000009	Rockwall	12010001	120100010301, 120100010302	Upper Sabine	Education and Outreach	148	Riverine
04200008	4	Sabine	Orange County Emergency Response Staging Area	Staging Area and “lily pads” for use during disaster events.	04000011	Orange	12010005	120100051005, 120100051004, 120100051100, 120100051003	Lower Sabine	Other	371	Riverine, Coastal
04200009	4	Sabine	Orange County Elevation of Residential Structures Program	Program to elevation of homes within Floodplains throughout County.	04000005	Orange	12010005	120100051005, 120100051004, 120100051100, 120100051003	Lower Sabine	Property Acquisition and Structural Elevation	371	Riverine, Coastal
04200010	4	Sabine	Orange County Drainage District Additional Gages And Warning Systems	Incorporation of additional rain gauges and flood sensors throughout jurisdiction.	04000015	Orange	12010005	120100051003, 120100051004, 120100051005, 120100051100	Lower Sabine	Flood Measurement and Warning	371	Riverine, Coastal
04200011	4	Sabine	City of Edgewood Emergency Siren Program	Purchase and install outdoor warning sirens.	04000015	Van Zandt	12010001	120100010502, 120100010504	Upper Sabine	Flood Measurement and Warning	1	Riverine
04200012	4	Sabine	City of Edgewood Flood Infrastructure Maintenance	Adopt and implement a program for clearing debris from bridges, drains, and culverts	04000011	Van Zandt	12020001	120100010502, 120100010504	#N/A	Other	1	Riverine
04200013	4	Sabine	City of Greenville NFIP Participation	Increase NFIP Participation. Greenville participates in the NFIP program and needs to strongly encourage through education additional residents and businesses to purchase and maintain flood insurance.	04000009, 04000018	Hunt	12010001	120100010103, 120100010102, 120100010204, 120100010401	Upper Sabine	Regulatory and Guidance	33	Riverine
04200014	4	Sabine	City of Fruitvale "StormReady" Program	Obtain certification in the National Weather Service StormReady Program.	04000009, 04000018	Van Zandt	12010001	120100010504, 120100010601	Upper Sabine	Regulatory and Guidance	2	Riverine
04200015	4	Sabine	City of Fruitvale Flood Emergency Notification System	Implement and enhance an area-wide telephone Emergency Notification System (“Reverse 911”).	04000015, 04000009	Van Zandt	12010001	120100010504, 120100010601	Upper Sabine	Flood Measurement and Warning	2	Riverine
04200016	4	Sabine	City of Van "StormReady" Program	Obtain certification in the National Weather Service StormReady Program.	04000009, 04000018	Van Zandt	12010001	120100010608, 120100010607	Upper Sabine	Regulatory and Guidance	3	Riverine
04200017	4	Sabine	City of Van Flood Infrastructure Maintenance	Adopt and implement a program for clearing debris from bridges, drains and culverts.	04000011	Van Zandt	12010001	120100010608, 120100010607	Upper Sabine	Other	3	Riverine
04200018	4	Sabine	City of Grand Saline "StormReady" Program	Obtain certification in the National Weather Service StormReady Program.	04000009, 04000018	Van Zandt	12010001	120100010601, 120100010605	Upper Sabine	Regulatory and Guidance	2	Riverine
04200019	4	Sabine	City of Grand Saline Flood Infrastructure Maintenance	Adopt and implement a program for clearing debris from bridges, drains, and culverts	04000011	Van Zandt	12010001	120100010601,	Upper Sabine	Other	2	Riverine
04200020	4	Sabine	City of Wills Point "StormReady" Program	Obtain certification in the National Weather Service StormReady Program.	04000009, 04000018	Van Zandt	12010001	120100010501, 120100010502	Upper Sabine	Regulatory and Guidance	4	Riverine

FMS ID	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Nonrecurring, Noncapital Cost (\$)	Estimated Total Project Cost (\$)	Potential Funding Sources and Amount	Flood Risk									
							Area in 100yr (1% annual chance) Floodplain	Area in 500yr Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)
042000001	Orange County	Orange County	Yes	\$50,000	\$50,000	Yes	0.00	341.08	0	8,682	26,881	26,881	276	364	22	22
042000002	Orange County	Orange County	Yes	\$10,000	\$100,000	Yes	0.00	341.08	0	8,682	26,881	26,881	276	364	22	22
042000003	Orange County Drainage District	Orange County Drainage District	Yes	\$150,000	\$150,000	Yes	0.00	341.08	0	8,682	26,881	26,881	276	364	22	22
042000004	Orange County Drainage District	Orange County Drainage District	Yes	\$500,000	\$44,000,000	Yes	0.00	341.08	0	8,682	26,881	26,881	276	364	22	22
042000005	Van Zandt	Van Zandt	No	\$10,000	\$10,000	Yes	0.00	203.25	0	150	713	1,471	13	79	9	9
042000006	Rockwall	Rockwall	No	\$2,775	\$2,775	Yes	0.00	15.24	0	58	673	673	0	15	11	11
042000008	Orange County Drainage District	Orange County Drainage District	Yes	\$10,000	\$10,000	Yes	0.00	341.07	0	8,682	26,881	26,881	276	364	22	22
042000009	Orange County Drainage District	Orange County Drainage District	Yes	\$50,000	\$50,000	Yes	0.00	341.07	0	8,682	26,881	26,881	276	364	22	22
042000010	Orange County Drainage District	Orange County Drainage District	Yes	\$100,000	\$200,000	Yes	0.00	341.07	0	8,682	26,881	26,881	276	364	22	22
042000011	Edgewood	Edgewood	No	\$0	\$10,000	Yes	0.00	0.28	0	2	22	22	0	1	0	0
042000012	Edgewood	Edgewood	No	\$100,000	\$100,000	Yes	0.00	0.28	0	2	22	22	0	1	0	0
042000013	Greenville	Greenville	No	\$10,000	\$10,000	Yes	0.00	13.53	0	161	1,102	5,509	28	26	0	0
042000014	Fruitvale	Fruitvale	No	\$10,000	\$10,000	Yes	0.00	0.99	0	2	12	12	0	2	0	0
042000015	Fruitvale	Fruitvale	No	\$10,000	\$10,000	Yes	0.00	0.99	0	2	12	12	0	2	0	0
042000016	Van	Van	No	\$10,000	\$10,000	Yes	0.00	0.01	0	0	0	0	0	0	0	0
042000017	Van	Van	No	\$50,000	\$50,000	Yes	0.00	0.01	0	0	0	0	0	0	0	0
042000018	Grand Saline	Grand Saline	No	\$10,000	\$10,000	Yes	0.00	0.60	0	24	115	178	1	2	0	0
042000019	Grand Saline	Grand Saline	No	\$100,000	\$100,000	Yes	0.00	0.60	0	24	115	178	1	2	0	0
042000020	Wills Point	Wills Point	No	\$10,000	\$10,000	Yes	0.00	0.32	0	1	10	29	0	0	0	0

FMS ID	Reduction in Flood Risk												Cost/ Structure removed	Consideration of Nature-based Solution	Negative Impact	Negative Impact Mitigation	Water Supply Benefit
	Number of structures with reduced 100yr Flood risk	Number of structures removed from 100yr Flood risk	Number of structures removed from 500yr Flood risk	Residential structures removed from 100yr Flood risk	Estimated Population removed from 100yr Flood risk	Critical facilities removed from 100yr Flood risk (#)	Number of low water crossings removed from 100yr Flood risk (#)	Estimated reduction in road closure occurrences	Estimated length of roads removed from 100yr flood risk (Miles)	Estimated active farm & ranch land removed from 100yr flood risk (acres)	Estimated reduction in fatalities (if available)	Estimated reduction in injuries (if available)					
042000001	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000002	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000003	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000004	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000005	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000006	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000008	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000009	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000010	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000011	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000012	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000013	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000014	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000015	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000016	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000017	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000018	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000019	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000020	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None

FMS ID	RFPG No.	RFPG Name	FMS Name	Description	Associated Goals (ID)	Counties	HUC8s	HUC12s	Watershed Name	Project Type	Strategy Project Area (sqmi)	Flood Risk Type
04200021	4	Sabine	City of Wills Point Flood Emergency Notification System	Implement and enhance an area-wide telephone Emergency Notification System ("Reverse 911").	04000015, 04000009	Van Zandt	12010001	120100010501, 120100010502	Upper Sabine	Flood Measurement and Warning	4	Riverine
04200022	4	Sabine	City of Wills Point Flood Infrastructure Maintenance	Adopt and implement a program for clearing debris from bridges, drains and culverts.	04000011	Van Zandt	12010001	120100010501, 120100010502	Upper Sabine	Other	4	Riverine
04200023	4	Sabine	City of Wills Point Flood Awareness Program	Educate community on the dangers of low water crossings through the installation of warning signs and promotion of "Turn Around, Don't Drown" Program.	04000009, 04000017	Van Zandt	12010001	120100010501, 120100010502	Upper Sabine	Education and Outreach	4	Riverine
04200024	4	Sabine	City of Fate Flood Access Improvement	Add secondary entry/access roads to existing neighborhoods where possible/enforce two entry/access road requirements in existing code for new construction	04000011	Rockwall	12010001	120100010301	#N/A	Regulatory and Guidance	12	Riverine
04200025	4	Sabine	City of Fate Flood Infrastructure Maintenance	Develop and implement a county-wide pre-disaster debris removal and monitoring contracts	04000011	Rockwall	12010001	120100010301	#N/A	Other	12	Riverine
04200026	4	Sabine	City of Gladewater Flood Awareness Program	Develop and implement a public education campaign to inform the public about mitigation actions they can take to make their family and home safer. Put information and links to outside resources on city websites and facebook pages.	04000009	Gregg, Upshur	12010002	120100020402, 120100020403, 120100020405	Middle Sabine	Education and Outreach	12	Riverine
04200027	4	Sabine	City of Gladewater Flood Awareness Program	Develop and implement the "Turn Around, Don't Drown Program"	04000009	Gregg, Upshur	12010002	120100020402, 120100020403, 120100020405	Middle Sabine	Education and Outreach	12	Riverine
04200028	4	Sabine	City of Gladewater Flood Infrastructure Maintenance Program	Implement program to remove debris from drainage culverts when needed to alleviate potential flooding hazards	04000011	Gregg, Upshur	12010002	120100020402, 120100020403, 120100020405	Middle Sabine	Other	12	Riverine
04200029	4	Sabine	City of Gladewater Flood Awareness Program	Develop, implement and promote a public education campaign to encourage the public to register for the Nixle warning system; put link on city websites and facebook pages.	04000009	Gregg, Upshur	12010002	120100020405	Middle Sabine	Education and Outreach	7	Riverine
04200030	4	Sabine	City of Kilgore "StormReady" Program	Obtain awareness materials from Texas Floodplain Management Association for distribution to the public. Post public awareness content on social media platforms prior to and during flooding.	04000009	Gregg, Rusk	12010002	120100020506, 120100020405, 120100020502, 120100020503	Middle Sabine	Education and Outreach	19	Riverine
04200032	4	Sabine	City of Kilgore Flood Infrastructure Inspection and Maintenance Program	Investigate the current condition of culverts, headwalls, and repairs to culverts and headwalls	04000011	Rusk	12010002	120100020502, 120100020503, 120100020506, 120100020405	Middle Sabine	Other	19	Riverine
04200033	4	Sabine	City of Clarksville City Flood Infrastructure Inspection and Maintenance Program	Monitor flood-prone areas and remove debris from drainage culverts when needed to alleviate potential flooding hazards.	04000011	Gregg, Upshur	12010002	120100020405	Middle Sabine	Other	7	Riverine
04200034	4	Sabine	City of Longview Flood Awareness Program	Promote the "Turn Around Don't Drown" campaign, in partnership with DPS.	04000009	Gregg	12010002	120100020506, 120100020601, 120100020504, 120100020505, 120100020602	Middle Sabine	Education and Outreach	56	Riverine
04200035	4	Sabine	City of Longview Flood Mitigation Training Program	Seek state and FEMA sponsored training in flood mitigation for key personnel.	04000009, 04000018	Gregg	12010002	120100020506, 120100020601, 120100020504, 120100020505, 120100020602	Middle Sabine	Regulatory and Guidance	56	Riverine
04200036	4	Sabine	Longview Flood Mitigation Floodplain Development Regulations	Improve the long-range management and use of flood-prone areas by the adoption and enforcement of local ordinances to regulate new development within the floodplain. Review and revise ordinances, when needed.	04000009, 04000018	Gregg	12010002	120100020506, 120100020601, 120100020504, 120100020505, 120100020602	Middle Sabine	Regulatory and Guidance	56	Riverine

FMS ID	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Nonrecurring, Noncapital Cost (\$)	Estimated Total Project Cost (\$)	Potential Funding Sources and Amount	Flood Risk									
							Area in 100yr (1% annual chance) Floodplain	Area in 500yr Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)
042000021	Wills Point	Wills Point	No	\$10,200	\$10,200	Yes	0.00	0.32	0	1	10	29	0	0	0	0
042000022	Wills Point	Wills Point	No	\$51,000	\$51,000	Yes	0.00	0.32	0	1	10	29	0	0	0	0
042000023	Wills Point	Wills Point	No	\$10,200	\$10,200	Yes	0.00	0.32	0	1	10	29	0	0	0	0
042000024	Fate	Fate	No	\$0	\$400,000	Yes	0.00	1.19	0	13	128	128	0	3	1	1
042000025	Fate	Fate	No	\$100,000	\$100,000	Yes	0.00	1.19	0	13	128	128	0	3	1	1
042000026	Gladewater	Gladewater	No	\$10,000	\$10,000	Yes	0.00	7.45	0	31	225	225	0	4	0	0
042000027	Gladewater	Gladewater	No	\$10,000	\$10,000	Yes	0.00	7.45	0	31	225	25	0	4	0	0
042000028	Gladewater	Gladewater	No	\$20,000	\$20,000	Yes	0.00	7.45	0	31	225	225	0	4	0	0
042000029	Gladewater	Gladewater	No	\$10,000	\$10,000	Yes	0.00	3.50	0	7	29	29	0	1	0	0
042000030	Kilgore	Kilgore	No	\$5,000	\$5,000	Yes	0.00	7.03	0	58	599	870	3	15	3	3
042000032	Kilgore	Kilgore	No	\$30,000	\$30,000	Yes	0.00	7.03	0	58	599	870	3	15	3	3
042000033	Clarksville City	Clarksville City	No	\$20,000	\$20,000	Yes	0.00	3.50	0	7	29	29	0	1	0	0
042000034	Longview	Longview	No	\$10,000	\$10,000	Yes	0.00	17.05	0	419	3,757	10,126	9	41	0	0
042000035	Longview	Longview	No	\$2,000	\$2,000	Yes	0.00	17.05	0	419	3,757	10,126	9	41	0	0
042000036	Longview	Longview	No	\$0	\$0	Yes	0.00	17.05	0	419	3,757	10,126	9	41	0	0

FMS ID	Reduction in Flood Risk												Cost/ Structure removed	Consideration of Nature-based Solution	Negative Impact	Negative Impact Mitigation	Water Supply Benefit
	Number of structures with reduced 100yr Flood risk	Number of structures removed from 100yr Flood risk	Number of structures removed from 500yr Flood risk	Residential structures removed from 100yr Flood risk	Estimated Population removed from 100yr Flood risk	Critical facilities removed from 100yr Flood risk (#)	Number of low water crossings removed from 100yr Flood risk (#)	Estimated reduction in road closure occurrences	Estimated length of roads removed from 100yr flood risk (Miles)	Estimated active farm & ranch land removed from 100yr flood risk (acres)	Estimated reduction in fatalities (if available)	Estimated reduction in injuries (if available)					
042000021	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000022	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000023	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000024	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000025	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000026	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000027	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000028	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000029	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000030	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000032	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000033	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000034	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000035	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000036	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None

FMS ID	RFPG No.	RFPG Name	FMS Name	Description	Associated Goals (ID)	Counties	HUC8s	HUC12s	Watershed Name	Project Type	Strategy Project Area (sqmi)	Flood Risk Type
04200037	4	Sabine	City of Longview Online Flood Awareness Program	Place links on local websites to free FEMA training for independent study via the internet, such as 15-271 "Anticipating Hazardous Weather and Community Risk."	0400009	Gregg	12010002	120100020506, 120100020601, 120100020504, 120100020505, 120100020602	Middle Sabine	Education and Outreach	56	Riverine
04200038	4	Sabine	City of Longview Regulatory Flood Hazard Map Program	Work with state and federal agencies to maintain current flood maps.	0400009, 0400018	Gregg	12010002	120100020506, 120100020601, 120100020504, 120100020505, 120100020602	Middle Sabine	Regulatory and Guidance	56	Riverine
04200039	4	Sabine	City of Longview Property Acquisition Program	Implementation of program to purchase properties and severe loss-repetitive loss homes in floodplain areas to reserve them from development.	0400005	Gregg	12010002	120100020506, 120100020601, 120100020504, 120100020505, 120100020602	Middle Sabine	Property Acquisition and Structural Elevation	56	Riverine
04200041	4	Sabine	City of Longview Dam Development	Promote FEMA-recommended construction methods for any new dam	0400009, 0400018	Gregg	12010002	120100020506, 120100020601, 120100020504, 120100020505, 120100020602	Middle Sabine	Regulatory and Guidance	56	Riverine
04200042	4	Sabine	City of Hideaway Flood Awareness Program	Conduct public outreach to educate homeowners on flood mitigation measures for their homes.	0400009	Smith	12010002	120100020102	Middle Sabine	Education and Outreach	2	Riverine
04200043	4	Sabine	City of Hideaway Floodplain Development Regulations	Mandate 2 FT Freeboard on Hideaway Lakes Dams	0400009, 0400018	Smith	12010002	120100020102	Middle Sabine	Regulatory and Guidance	2	Riverine
04200044	4	Sabine	City of Hideaway Flood Awareness Program	Public Awareness of Evacuation Routes from rising water from dam failure.	0400009	Smith	12010002	120100020102	Middle Sabine	Education and Outreach	2	Riverine
04200045	4	Sabine	City of Hideaway Dam Reliability Program	The city will remove trees from earthen dams on hideaway lakes #2 and #3 to mitigate erosion and assist with soil adhesion.	0400011	Smith	12010002	120100020102	Middle Sabine	Other	2	Riverine
04200046	4	Sabine	City of Winona Flood Awareness Program	Conduct public outreach to homeowners and residents on flood mitigation measures for their residents.	0400009	Smith	12010002	120100020107, 120100020303	Middle Sabine	Education and Outreach	2	Riverine
04200047	4	Sabine	City of Royse City Floodplain Management Ordinances	Update Flood Prevention ordinance, adopting a "no-rise" in Base Flood Elevation in the 100-year floodplain.	0400009, 0400018	Rockwall, Collin, Hunt	12010001	120100010202, 120100010301, 120100010302	Upper Sabine	Regulatory and Guidance	18	Riverine
04200048	4	Sabine	City of Royse City "StormReady" Program	Achieve certification by the National Weather Service as a "StormReady" Community.	0400009, 0400018	Rockwall, Collin, Hunt	12010001	120100010202, 120100010301, 120100010302	Upper Sabine	Regulatory and Guidance	18	Riverine
04200049	4	Sabine	City of Como Flood Awareness Program	Disseminate PSA's, Newspaper Articles through local media about dangers of flooded county roads and to "Turn Around; Don't Drown."	0400009	Hopkins	12010003	120100030201	Lake Fork	Education and Outreach	1	Riverine
04200050	4	Sabine	City of Cumby Flood Awareness Program	Develop and implement the "Turn Around, Don't Drown Program"	0400009	Hopkins	12010003	120100030101, 120100030104	Lake Fork	Education and Outreach	1	Riverine
04200051	4	Sabine	City of Cumby Flood Awareness Program	Disseminate PSA's, Newspaper Articles through local media about dangers of flooded county roads	0400009	Hopkins	12010003	120100030101, 120100030104	Lake Fork	Education and Outreach	1	Riverine
04200052	4	Sabine	Sabine Flood Measurement Gages	Install flood measurement gages in Upper Sabine Basin	0400015, 0400016	Regionwide	11140206, 12010001, 12010002, 12010003, 12010004	120100010301	Regionwide	Flood Measurement and Warning	4,760	Riverine
04200053	4	Sabine	Hunt County Flood Warning and Public Safety	Adopt and Promote the program of "Turn Around Don't Drown Campaign." Implement early warning program.	0400015, 0400016	Regionwide	12010001, 12010003	120100010406, 120100010407, 120100010103, 120100010101, 120100010102, 120100010104, 120100010203, 120100010201, 120100010202, 120100010204,	Regionwide	Flood Measurement and Warning	879	Riverine
04200054	4	Sabine	Rockwall County Warning Signs and Flood Control Gates	Install automatic flood warning gates to prevent access into flooded areas. Install warning signs and flood control	0400015, 0400016, 0400017	Regionwide	12010001	120100010301, 120100010302	Regionwide	Flood Measurement and Warning	148	Riverine
04200055	4	Sabine	Rockwall County Flood Prevention Ordinance	Update Flood Prevention ordinance, adopting a "no-rise" in Base Flood Elevation in the 100-year floodplain	0400018	Regionwide	12010001	120100010301, 120100010302	Regionwide	Regulatory and Guidance	148	Riverine

FMS ID	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Nonrecurring, Noncapital Cost (\$)	Estimated Total Project Cost (\$)	Potential Funding Sources and Amount	Flood Risk									
							Area in 100yr (1% annual chance) Floodplain	Area in 500yr Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)
042000037	Longview	Longview	No	\$0	\$0	Yes	0.00	17.05	0	419	3,757	10,126	9	41	0	0
042000038	Longview	Longview	No	\$0	\$0	Yes	0.00	17.05	0	419	3,757	10,126	9	41	0	0
042000039	Longview	Longview	No	\$100,000	\$100,000	Yes	0.00	17.05	0	419	3,757	10,126	9	41	0	0
042000041	Longview	Longview	No	\$10,000	\$10,000	Yes	0.00	17.05	0	419	3,757	10,126	9	41	0	0
042000042	Hideaway	Hideaway	No	\$10,500	\$10,500	Yes	0.00	1.22	0	41	364	364	0	1	0	0
042000043	Hideaway	Hideaway	No	\$10,000	\$10,000	Yes	0.00	1.22	0	41	364	364	0	1	0	0
042000044	Hideaway	Hideaway	No	\$10,500	\$10,500	Yes	0.00	1.22	0	41	364	364	0	1	0	0
042000045	Hideaway	Hideaway	No	\$60,000	\$60,000	Yes	0.00	1.22	0	41	364	364	0	1	0	0
042000046	Winona	Winona	No	\$104,000	\$104,000	Yes	0.00	0.66	0	2	1	8	0	0	0	0
042000047	Royse City	Royse City	No	\$10,000	\$10,000	Yes	0.00	8.83	0	41	424	424	0	19	8	8
042000048	Royse City	Royse City	No	\$10,000	\$10,000	Yes	0.00	8.83	0	41	424	424	0	19	8	8
042000049	Como	Como	No	\$10,000	\$10,000	Yes	0.00	0.06	0	0	1	1	0	0	0	0
042000050	Cumby	Cumby	No	\$0	\$0	Yes	0.00	0.04	0	0	0	0	0	0	0	0
042000051	Cumby	Cumby	No	\$11,500	\$11,500	Yes	0.00	0.04	0	0	0	0	0	0	0	0
042000052	Sabine River Authority	Sabine River Authority	Yes	\$50,000	\$800,100	No	0.00	1385.07	0	2,782	16,762	43,502	88	877	67	67
042000053	Sabine River Authority	Sabine River Authority	Yes	\$250,000	\$250,000	No	0.00	174.69	0	541	3,220	8,690	45	143	10	10
042000054	Sabine River Authority	Sabine River Authority	No	\$250,000	\$250,000	No	0.00	7.62	0	58	673	786	0	15	11	11
042000055	Sabine River Authority	Sabine River Authority	No	\$100,000	\$100,000	No	0.00	7.62	0	58	673	786	0	15	11	11

FMS ID	Reduction in Flood Risk												Cost/ Structure removed	Consideration of Nature-based Solution	Negative Impact	Negative Impact Mitigation	Water Supply Benefit
	Number of structures with reduced 100yr Flood risk	Number of structures removed from 100yr Flood risk	Number of structures removed from 500yr Flood risk	Residential structures removed from 100yr Flood risk	Estimated Population removed from 100yr Flood risk	Critical facilities removed from 100yr Flood risk (#)	Number of low water crossings removed from 100yr Flood risk (#)	Estimated reduction in road closure occurrences	Estimated length of roads removed from 100yr flood risk (Miles)	Estimated active farm & ranch land removed from 100yr flood risk (acres)	Estimated reduction in fatalities (if available)	Estimated reduction in injuries (if available)					
042000037	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000038	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000039	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000041	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000042	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000043	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000044	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000045	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000046	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000047	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000048	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000049	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000050	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000051	0	0	0	0	0	0	0	0	0	0			0	Yes	No	N/A	None
042000052	0	0	0	0	0	0	0	0	0	0			0	Yes	No	None	None
042000053	0	0	0	0	0	0	0	0	0	0			0	Yes	No	None	None
042000054	0	0	0	0	0	0	0	0	0	0			0	Yes	No	None	None
042000055	0	0	0	0	0	0	0	0	0	0			0	Yes	No	None	None

FMS ID	RFPG No.	RFPG Name	FMS Name	Description	Associated Goals (ID)	Counties	HUC8s	HUC12s	Watershed Name	Project Type	Strategy Project Area (sqmi)	Flood Risk Type
042000056	4	Sabine	Wills Point Structure Permitting Requirement Update	Increase freeboard requirements for permitting structures in the SFHA; Adopt a "no-rise" in BFE in the 100-year floodplain; Update local flood ordinance	04000018	Regionwide	12010001	120100010501, 120100010502	Regionwide	Regulatory and Guidance	4	Riverine
042000057	4	Sabine	Kaufman County Regulation Standards to Protect Open Space Flood-Prone Areas	Conduct program in conjunction with local communities to incorporate regulatory standards to protect open space flood-prone areas	04000018	Regionwide	12010001	120100010501, 120100010303, 120100010404, 120100010302, 120100010405	Regionwide	Regulatory and Guidance	805	Riverine
042000058	4	Sabine	Kaufman County Agreement to Monitor High Hazard Dams	Develop a mutual aid agreement with the City of Terrell, City of Kemp, City of Kaufman to monitor High hazard dams with automated monitor to minimize potential dam failure of the structure	04000015, 04000016	Regionwide	12010001	120100010501, 120100010303, 120100010404, 120100010302, 120100010405	Regionwide	Flood Measurement and Warning	805	Riverine
042000059	4	Sabine	City of Kilgore Property Acquisition	Implementation of program to purchase properties and repetitive loss homes in floodplain areas to reserve them from development.	04000005, 04000006	Regionwide	12010002	120100020501, 120100020506, 120100020502, 120100020503, 120100020601	Regionwide	Property Acquisition and Structural Elevation	155	Riverine
042000060	4	Sabine	Kaufman County Flood Education Program	Conduct countywide outreach to educate residents on flood hazards, mitigation techniques and promote availability of NFIP flood insurance.	04000009, 04000010	Regionwide	12010001	120100010501, 120100010303, 120100010404, 120100010302, 120100010405	Regionwide	Education and Outreach	805	Riverine
042000061	4	Sabine	City of Nevada NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	04000018	Regionwide	12010001	120100010301	Regionwide	Regulatory and Guidance	2	Riverine
042000062	4	Sabine	Van Zandt County Flood Safety Improvements and Education	Educate community on the dangers of low water crossings	04000007, 04000008	Regionwide	12010001	120100010407, 120100010503, 120100010501, 120100010502, 120100010504, 120100010601, 120100010507, 120100010603, 120100010608, 120100010605,	Regionwide	Education and Outreach	856	Riverine

FMS ID	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Nonrecurring, Noncapital Cost (\$)	Estimated Total Project Cost (\$)	Potential Funding Sources and Amount	Flood Risk									
							Area in 100yr (1% annual chance) Floodplain	Area in 500yr Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)
042000056	Sabine River Authority	Sabine River Authority	No	\$100,000	\$100,000	No	0.00	0.16	0	1	10	36	0	0	0	0
042000057	Sabine River Authority	Sabine River Authority	No	\$100,000	\$100,000	No	0.00	8.13	0	8	100	100	0	5	3	3
042000058	Sabine River Authority	Sabine River Authority	No	\$300,000	\$300,000	No	0.00	8.13	0	8	100	100	0	5	3	3
042000059	Sabine River Authority	Sabine River Authority	Yes	\$50,000	\$64,351,367	No	0.00	37.73	0	0	1,079	1,891	3	45	3	3
042000060	Sabine River Authority	Sabine River Authority	No	\$50,000	\$50,000	No	0.00	8.13	0	8	100	100	0	5	3	3
042000061	Sabine River Authority	Sabine River Authority	No	\$100,000	\$100,000	No	0.00	0.03	0	1	3	3	0	0	0	0
042000062	Sabine River Authority	Sabine River Authority	No	\$50,000	\$50,000	No	0.00	205.25	0	150	713	1,954	0	79	9	9

FMS ID	Reduction in Flood Risk												Cost/ Structure removed	Consideration of Nature-based Solution	Negative Impact	Negative Impact Mitigation	Water Supply Benefit
	Number of structures with reduced 100yr Flood risk	Number of structures removed from 100yr Flood risk	Number of structures removed from 500yr Flood risk	Residential structures removed from 100yr Flood risk	Estimated Population removed from 100yr Flood risk	Critical facilities removed from 100yr Flood risk (#)	Number of low water crossings removed from 100yr Flood risk (#)	Estimated reduction in road closure occurrences	Estimated length of roads removed from 100yr flood risk (Miles)	Estimated active farm & ranch land removed from 100yr flood risk (acres)	Estimated reduction in fatalities (if available)	Estimated reduction in injuries (if available)					
042000056	0	0	0	0	0	0	0	0	0	0			0	Yes	No	None	None
042000057	0	0	0	0	0	0	0	0	0	0			0	Yes	No	None	None
042000058	0	0	0	0	0	0	0	0	0	0			0	Yes	No	None	None
042000059	0	22	22	22	22	75	0	0	0	0			0	Yes	No	None	None
042000060	0	0	0	0	0	0	0	0	0	0			0	Yes	No	None	None
042000061	0	0	0	0	0	0	0	0	0	0			0	Yes	No	None	None
042000062	0	0	0	0	0	0	0	0	0	0			0	Yes	NO	None	None

APPENDIX 4-C
LIST OF INFEASIBLE FMPS AND FMSS

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Table 4C-1: Infeasible FMSs and FMPs

Flood Mitigation Action Name	Description	Entity	Estimated Project Cost (\$)	Reason Action Infeasible
City of Fate Action #12	Purchase NOAA weather radios for early warning and place in critical infrastructures within the city.	Fate	\$500	Action does not demonstrate benefits at a scale appropriate for inclusion in a regional plan
Franklin County Flood Action #1	Purchase Emergency mobile generators to use with emergency equipment during power outages for critical facilities.	Franklin	\$25, 000	Action does not achieve flood risk reduction
Greenville Rescue Training	Greenville - Rescue Training	Greenville	\$100, 000	Action does not achieve flood risk reduction
City of Hideaway Action #2	Advertise October as Flood Awareness Month	Hideaway	\$10, 000	Action duplicates the benefits of other action(s) included in the plan
Rockwall County Action #2	Develop a "Continuity of Operations" plan in the event of a natural disaster.	Rockwall County	\$50, 000	Action does not achieve flood risk reduction
Rockwall County Action #3	Install permanent generators at all critical facilities.	Rockwall County	\$250, 000	Action does not achieve flood risk reduction
Rockwall County Action #5	Install quick emergency generator hook-ups for critical county facilities.	Rockwall County	\$50, 000	Action does not achieve flood risk reduction
Rockwall County Action #6	Identify and acquire a predesignated safe site for debris removal management.	Rockwall County	Unknown	Action does not achieve flood risk reduction
Rockwall Countywide Action #2	Develop and implement a county-wide pre-disaster debris removal and monitoring contracts.	Rockwall County	\$2,500	Action does not achieve flood risk reduction
Smith County Action #1	Purchase and install electric back-up generators at all the volunteer fire departments which will ensure emergency operations can continue in the event of a power outage from dam failure, earthquake, extreme heat, flood, hail, hurricane/tropical storms, lightning, tornado, wildfire, wind, and winter weather.	Smith County	\$60, 000	Action does not achieve flood risk reduction
Smith County Action #2	Distribute public awareness information on crop insurance.	Smith County	\$2, 000	Action does not achieve flood risk reduction
Van Zandt County Action #2	Acquire and install generators with hard wired quick connections at critical facilities in the County as well as at Volunteer Fire Departments within the County.	Van Zandt County	\$1, 000, 000	Action does not achieve flood risk reduction
Van Zandt County Action #3	Acquire and install generators with hard wired quick connections at all critical facilities.	Van Zandt County	\$1, 000, 000	Action does not achieve flood risk reduction
City Wills Point Action #3	Adopt and implement a routine tree trimming program that clears tree limbs near power lines and / or hanging in right-of-way; Remove dead trees from right-of-way and drainage systems on a scheduled basis.	Wills Point	\$100, 000	Action does not achieve flood risk reduction
City of Wills Point Action #6	Evaluate access and road conditions for response vehicles. Develop and implement options to improve access and / or add redundant access routes in high-risk areas.	Wills Point	\$500, 000	Action does not achieve flood risk reduction

APPENDIX 4-D
TASK 12 PRIORITIZATION MEMORANDUM

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TO: Region 4 Sabine Regional Flood Planning Group
FROM: Mat Leclair, PE, CFM, CPESC; Susana Cabrera, PE – Freese and Nichols, Inc.
SUBJECT: Task 12 Prioritization of FMEs for Further Study
DATE: 09/06/2022
PROJECT: Sabine Regional Flood Plan (FNI Proj. No. SRA21380)

1. Background

The purpose of this memo is to describe the process used by the technical consultant team to conduct the prioritization of FMEs to be studied under the additional funding allocated in *Task 12 - Perform Identified Flood Management Evaluations, Identify, Evaluate, and recommend Additional Flood Mitigation Projects* for the Sabine Regional Flood Plan.

Per the scope of work issued by the Texas Water Development Board (TWDB) in February 2022, the objective of Task 12 is to perform further study of FMEs identified in the Draft Plan to identify and potentially recommend additional FMPs in the Amended Plan due in July 2023. Additionally, the RFPG must approve the list of FMEs to be performed under Task 12. As mentioned in previous RFPG meetings, it is the July 2023 Amended Plan which will eventually roll into the state’s first flood plan in September 2024; thus, the amendment period is critical in generating more FMPs for the plan.

Due to budget and timeline constraints, not all FMEs identified in the Draft Plan can be studied in Task 12. However, the goal is to maximize the number of FMPs across the region. To aid in the impartial prioritization of FMEs for study under Task 12, the consultant team developed a numerical scoring system, based on input and desires from the Sabine RFPG members, as no official guidance from the TWDB was provided.

This memo expands upon the discussion presented to the RFPG on August 30, 2022 where the RFPG voted on the Task 12 prioritization categories and highlights the recommended FMEs to be studied with the additional funding. The following table shows the categories and considerations presented.

Table 1.1 Task 12 Prioritization Categories

Category	Factors to Consider
1. FME to Construction Project	<ul style="list-style-type: none"> Is the FME likely to turn into a physical construction project?
2. Number of FMPs	<ul style="list-style-type: none"> How many FMPs might be generated from the FME study?
3. Size of Benefit Area	<ul style="list-style-type: none"> What is the size of the study’s benefit area?
4. Flood Mitigation Needs Score (Task 4A)	<ul style="list-style-type: none"> Percentile Rank Reflects existing flood exposure

Category	Factors to Consider
5. Benefit to Critical Facilities and Low Water Crossings	<ul style="list-style-type: none"> Schools, hospitals, Wastewater Treatment Plants, Police Stations, Firefighting Stations Low Water Crossings (LWC) currently identified
6. Number of FMEs per Sponsor	<ul style="list-style-type: none"> Intended to distribute Task 12 funding
7. Level of Effort	<ul style="list-style-type: none"> Cost to perform FME relative to Task 12 funding
8. Overlap with Ongoing Studies	<ul style="list-style-type: none"> GLO Combined River Model Lower and Upper Sabine FIF Studies
9. Ability and desire to construct projects	<ul style="list-style-type: none"> Level of sponsor engagement and responsiveness

2. Task 12 Prioritization Scoring Criteria

A total of 9 main categories were developed for the prioritization criteria. A numerical analysis was chosen to provide an objective and impartial assessment for prioritizing the items to be studied with the limited Task 12 funding while also being consistent with previous discussions, goals, and objectives of members of the Sabine RFPG. A scoring range from 0 to 10 was determined for each data category based on the technical consultant team’s engineering judgement. The weight percentage is based on direct input from RFPG members (8 members voted) during the meeting held on August 30, 2022, as shown below.

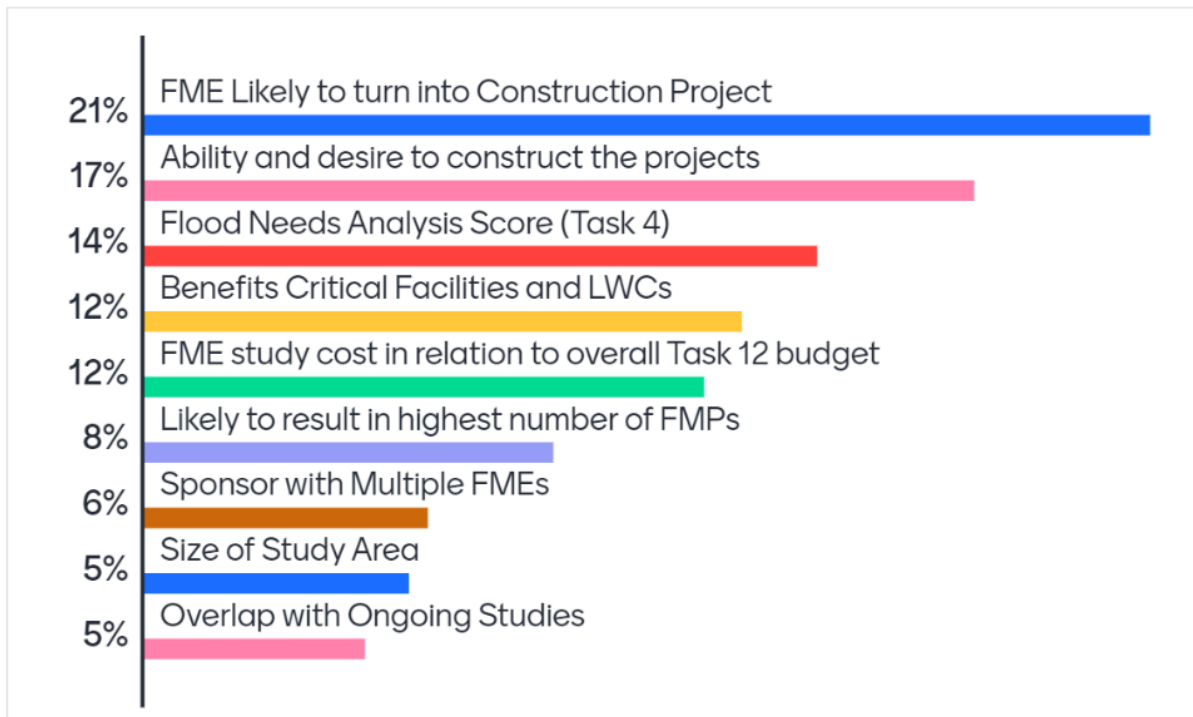


Figure 2—1: Mentimeter Results for Category Weights

As can be clearly seen in the output from the Mentimeter exercise, the Sabine RFPG placed a heavier emphasis on those FMEs which are likely to turn into construction projects as well as whether a project sponsor has the ability to construct that project. Additionally, the Flood Needs Analysis was scored high

indicating the group felt it was important to prioritize those areas which are in higher need of flood mitigation.

Listed below are the details for the different categories, their scoring metrics, and the weight assigned to each one. A summary of all FMEs with their score and ranking is included as an attachment to this memo.

1) FME to Construction Project

This is a measure of how likely the FME is to turn into a construction project. Factors may involve the extent and scope of existing FME and data availability. Throughout the Sabine RFP, the group has had a desire to generate more FMPs since there were only 2 in the draft plan submitted in August 2022. Additionally, a primary purpose of the Task 12 funding is to generate more FMPs; hence, higher scores will be given to FMEs that may turn into FMPs.

Table 2.1 Scoring for FME to Construction Project

Is the FME likely to turn into project ready for construction?	Score		Weight
	Yes	No	
Points	10	0	21%

2) Number of FMPs

This is a measure of how many FMPs may be generated from the FME study. For example, a master drainage plan FME may encompass several projects while a bridge replacement or improvement may only generate 1 project. Those that might generate more projects are given a heavier weight than those which may only generate a single FMP.

Table 2.2 Scoring for Number of FMPs

How many FMPs might be generated from the FME?	Score					Weight
	>5	4 -5	2-3	1	0	
Points	10	8	5	3	0	8%

3) Size of Benefit Area

This is an indirect measure of the benefit of the project, solely based on surface service area. The larger the benefit area, the larger the impact the project may have on a community; thus, it is weighted higher than a small project to put more emphasis on regional efforts.

Table 2.3 Scoring for the Size of Benefit Area

What is the size of the benefit area?	Score					Weight
	Small	Low	Moderate	Large	Significant	
Square Miles	< 194	195-387	388-579	580-772	773-965	5%
Points	0	2	5	8	10	

4) Flood Mitigation Needs Score

This is a measure of the flood mitigation needs, at a HUC-12 level, as presented in Task 4A. The higher the flood mitigation need, the greater an area is in need to mitigation projects for flooding. Thus, the areas with a greater need a weighted higher.

Table 2.4 Scoring for Flood Mitigation Needs Analysis

	Score					Weight
Flood Mitigation Needs Score (Percentile)	0-20th	20th	40th	60th	80th	14%
Score	<14	15-19	20-24	25-30	31-35	
Points	0	3	5	7	10	

5) Critical Facilities Benefitted

This is a measure of benefit to critical facilities which includes schools, shelters, medical facilities, or emergency services facilities. Items 5 (critical facilities) and 6 (low water crossings) were listed as a single item in the voting/prioritization process during the August 30th RFPG meeting. That vote generated 12%. Upon further review, there are some FMEs that have no benefit to either item, some FMEs that benefit one or the other, and some FMEs that benefit both critical facilities and low water crossings. Splitting them into 2 categories (weighted at 6% each to for a total of 12%) was done to account for that variation.

Table 2.5 Scoring for the Benefit to Critical Facilities

Is a Critical Facility Benefitted?	Score		Weight
	Yes	No	6%
Points	10	0	

6) Low Water Crossing (LWC) Benefitted

This is a measure of benefit to LWC.

Table 2.6 Scoring for Benefit to LWCs

Is a LWC Benefitted?	Score		Weight
	Yes	No	6%
Points	10	0	

7) Sponsors with Multiple FMEs

This is a measure of how well distributed the FMEs are throughout the region.

Table 2.7 Scoring for Sponsors with Multiple FMEs

	Score			Weight
How many FMEs does the Sponsor have?	>3	2	1	6%
Points	0	5	10	

8) Level of Effort/Cost to Complete Study

This is a measure of level of effort, as compared to overall Task 12 budget, to complete the FME. Those which have a high cost would either not be feasible to complete with the available funding or would use up the majority of the budget limiting the number of FMEs that could be studied with the available funding.

Table 2.8 Scoring for Level of Study Effort Required

	Score			Weight
Level of Effort	Low	Medium	High	12%
Points	10	5	0	

9) Overlap with Ongoing Studies

This is a measure of parallel similar work going on within the region by government entities. An overlap with an ongoing study may indicate the potential for additional FMEs to be studied or FMPs to be incorporated.

Table 2.9 Scoring for Areas with Ongoing Studies

Does the FME area overlap with an ongoing GLO or FIF Study?	Score		Weight
	Yes	No	
Points	0	5	5%

10) Sponsor Engagement

This is a measure of how engaged a potential project sponsor has been in the Regional Flood Planning process and how likely that sponsor is to implement the project.

Table 2.10 Scoring for Areas with Ongoing Studies

What is an entity's ability and desire to construct the project	Score			Weight
	High	Medium	None/Unknown	
Score	10	5	0	17%

3. Results

The methodology described in **Section 2** was implemented to rank the flood management evaluations (FMEs) within the Sabine flood planning region. Outlined below are the recommendations for approval during the next Sabine RFPG meeting on Wednesday, September 14th, 2022.

The Technical Consultant has identified a primary and secondary list of FMEs to study under Task 12. Furthermore, there are some FMEs which were not recommended.

- Primary FMEs are those which will be prioritized and performed first with the Task 12 funding to generate the FMPs to include in the amended Sabine Regional Flood Plan in July 2023.

- Secondary FMEs are those which are lower on the ranking list and will be performed if budget and schedule allows after the primary FMEs are performed.
- Those FMEs which were noted as “not included” were FMEs which ranked lower in the scoring process as a result of the study being too larger for the amount of available funding, an anticipated schedule that is likely to be too long compared to the amount of time needed to complete items in Task 12, length of time to complete the study, an overlapping study that is likely to evaluate and determine an FMP as part of this RFP cycle, and/or unknown ability to implement a project.

The following FMEs are the **primary** FMEs recommended by the Technical Consultant for approval during the September 14, 2022 Sabine RFPG meeting for study under Task 12 which will be prioritized with the funding and completed first.

Table 3.1 - Primary Recommended FMEs

Score	Rank	FME Name	Description	Location
8.30	1	Flood Protection Planning Study Cow Bayou & Adams Bayou Alternative	OCDD Ponds A -Adams Bayou Detention Ponds Study	Orange County Drainage District
8.30	2	Flood Protection Planning Study Cow Bayou & Adams Bayou Alternative	OCDD Ponds B- Cole Creek Detention Ponds Study	Orange County Drainage District
8.30	3	Flood Protection Planning Study Cow Bayou & Adams Bayou Alternative	OCDD Ponds C- Cow Bayou Detention Ponds Study	Orange County Drainage District
8.14	4	Lawrence Road Detention Pond Study	Lawrence Road Detention Pond Study	Orange County Drainage District
8.14	5	Flood Protection Planning Study Cow Bayou & Adams Bayou Alternative	OCDD Ponds D- Feasibility Assessment and Conceptual Design of Constructing a Stormwater Detention Pond Adjacent to Cow Bayou near Claiborne Park	Orange County Drainage District
7.80	6	Orange County Drainage Improvements at Kinard Estates Study	First-time sewer service, detention pond, and other drainage improvements to reduce flooding and environmental impacts.	Orange County
7.70	7	Flood Protection Planning Study Cow Bayou & Adams Bayou Alternative	OCDD Ponds E- Terry Bayou Detention Ponds Study	Orange County Drainage District

All of these projects scored the highest in the ranking process and all of them have a potentially significant benefit to the region and a high probability for generating FMPs in the amended Sabine Regional Flood Plan. Furthermore, there has been a significant amount of engagement from the entities involved in the projects and they are all located in a high need area as identified in the Task 4A process.

To complete the studies efficiently, the Technical Consultant is anticipating creating a rain-on-grid 2D hydraulic model to combine Cow Bayou, Adams Bayou, Terry Gully, and Cole Creek into a single model to be studied simultaneously rather than in independent studies/models as it is expected there are many interactions and overflows between the systems. The focus of that modeling effort will be to

determine the benefits of the ponds as they are currently designed. Adjustments to the designs of the hydraulic elements (spillways, outfall culverts, etc.) to better optimize the design and improve the benefits may be performed if time permits.

The following FMEs are the **secondary** FMEs recommended by the Technical Consultant for approval during the September 14, 2022 Sabine RFPG meeting for study under Task 12, if there is available funding and time to perform after the primary FMEs are completed.

Table 3.2 - Secondary Recommended FMEs

Score	Rank	FME Name	Description	Location
7.64	8	Feasibility Assessment and Conceptual Design of Increasing Capacity of Drainage Ditches and Channels that Convey Stormwater from Neighborhoods	H&H Study and Modeling for Determination of Need and Feasibility Assessment of the Capacity of Drainage Ditches and Channels that Convey Stormwater from Neighborhoods Located Within Orange County	Orange County Drainage District
7.64	9	Feasibility Assessment and Conceptual Design of Increasing the Size of Culverts and Railroad Trestles on Major Drainage Structures	H&H Study and Modeling for Determination of Need and Feasibility Assessment for Increase in Size of Culverts and Railroad Trestles on Major Drainage Structures Throughout Orange County	Orange County Drainage District
6.94	10	City of Canton Drainage Infrastructure Improvements Study	Increase drainage capacity; install french drains or elevate building and upgrade undersized pipe under state Hwy	Canton
6.46	12	Elevation of Feeder Road Bridge Along IH-10 at Cole Creek Study	Elevation of Feeder Road Bridge Along IH-10 at Cole Creek Study	Orange County Drainage District
5.28	18	City of Greenville Critical Facilities Flood Protection Study	Elevation or flood proofing of critical structures and/or the construction of barriers around critical structures	Greenville
5.20	20	Parker Creek Corridor Study	Parker Creek Corridor Study	Marshall

FMEs which were high on the list but were not included in the recommendations for the Task 12 effort are as follows with a description of why it was not recommended.

Table 3.3 - Higher Ranking FMEs Not Included

Score	Rank	FME Name	Reason for Not Recommending
6.94	11	Diversion Channel (Cow Bayou) Study	This study appears to be significant in the level of effort, especially for alternatives analyses for mitigation and showing no negative impact which is required for all FMPs included in the RFP.
5.44	13	Feasibility Assessment and Conceptual Design of Dredging of Segments of Cow Bayou	It is anticipated that these studies require a significant amount of bathymetric survey to capture topography below sea level or static water surface elevation. This data

Task 12 Prioritization of FMEs for Further Study

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5.44	14	Feasibility Assessment and Conceptual Design of Dredging of Segments of Little Cypress Bayou	usually takes months to capture, process, and then put into models for evaluation. Due to this, it is expected that these will be studied once bathymetric survey is collected in the Lower Sabine FIF study that the Technical Consultant is currently working on.
5.42	15	City of Kilgore Drainage Infrastructure Improvements Study	The City of Kilgore is included in the study area for the Upper Sabine FIF project that is currently ongoing that the Technical Consultant is already working on. Much more detailed study will be performed in that area as part of that project.
5.42	16	City of Kilgore Library Drainage Improvement Study	
5.42	17	Kirbyville Drainage Improvement Study	The City of Kirbyville is included in the study area for the Lower Sabine FIF project that is currently ongoing that the Technical Consultant is already working on. Much more detailed study will be performed in that area as part of that project.
5.28	19	Feasibility Assessment and Conceptual Design of Dredging of Segments of Adams Bayou	See note above regarding dredging.
5.04	21	City of Fate Culvert Improvement Study	This FME notes the need is particularly for future conditions culvert improvements. Coordination has not occurred on future conditions land use or development or which culverts are in need of improvement.
5.04	22	Parker Creek Detention Pond	Coordination with the Public Works Director at the City of Marshall indicated the project was expecting to receive funding for this fiscal year and noted that the Task 12 funding was not needed to study the pond.

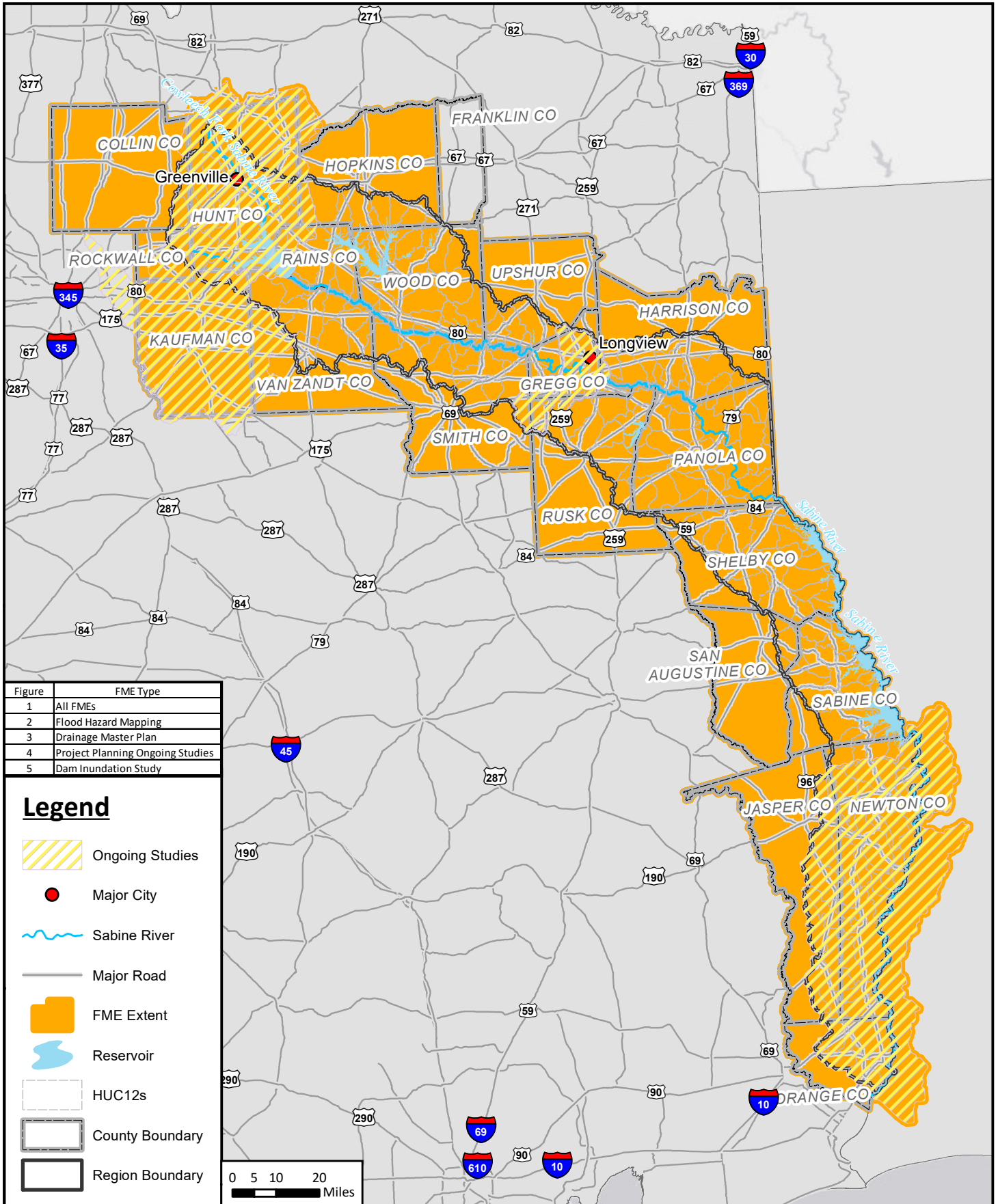
As noted in previous Sabine RFPG meetings, the floodplain mapping and master drainage plans were not anticipated to be included in the Task 12 effort, primarily due to the very large level of effort needed to do those large studies as well as a significant amount of time needed, which is not available as Task 12 items need to be completed by spring 2023. These can be seen in the lower portion of the table on the following pages.

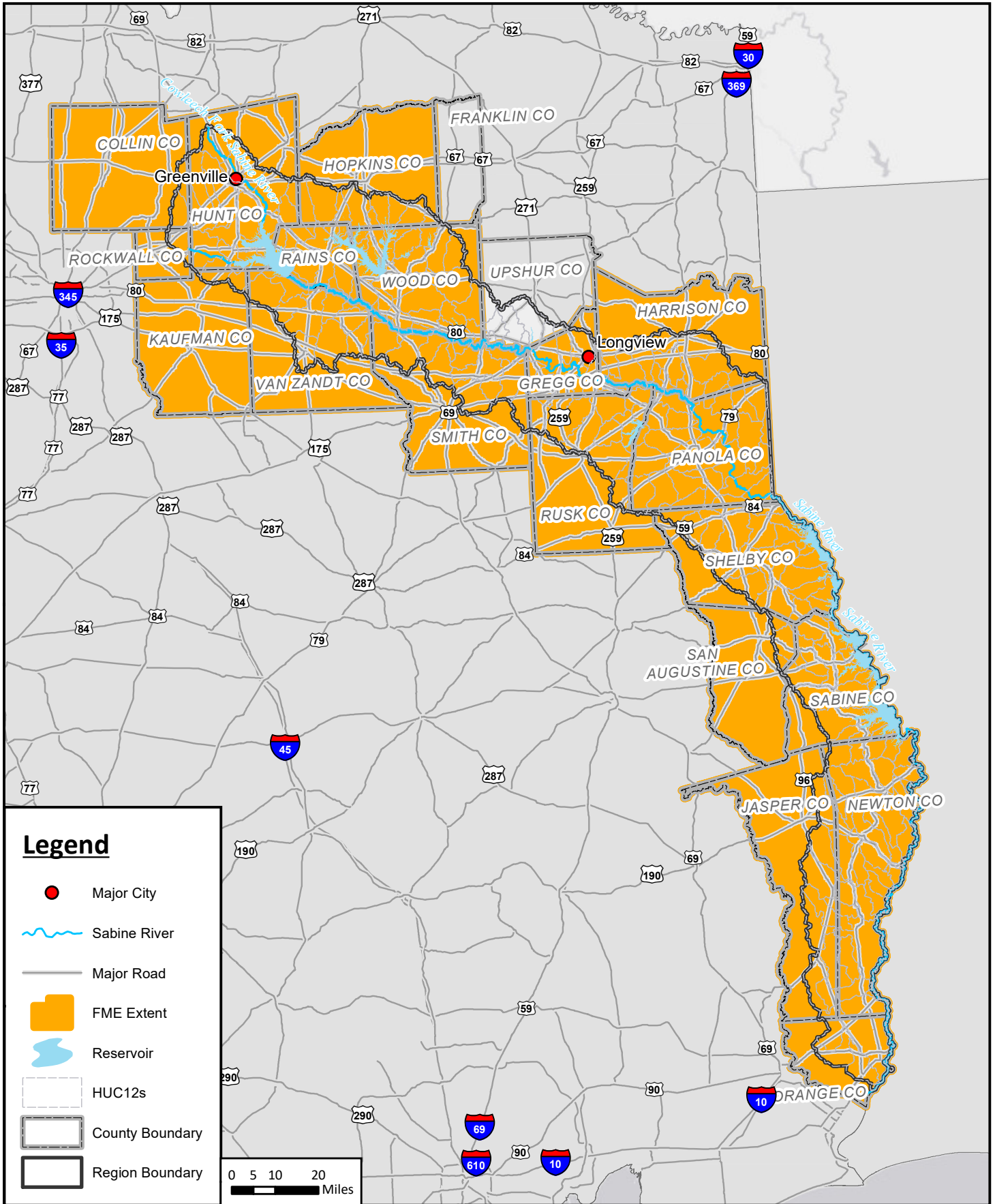
Attachments: Table 1

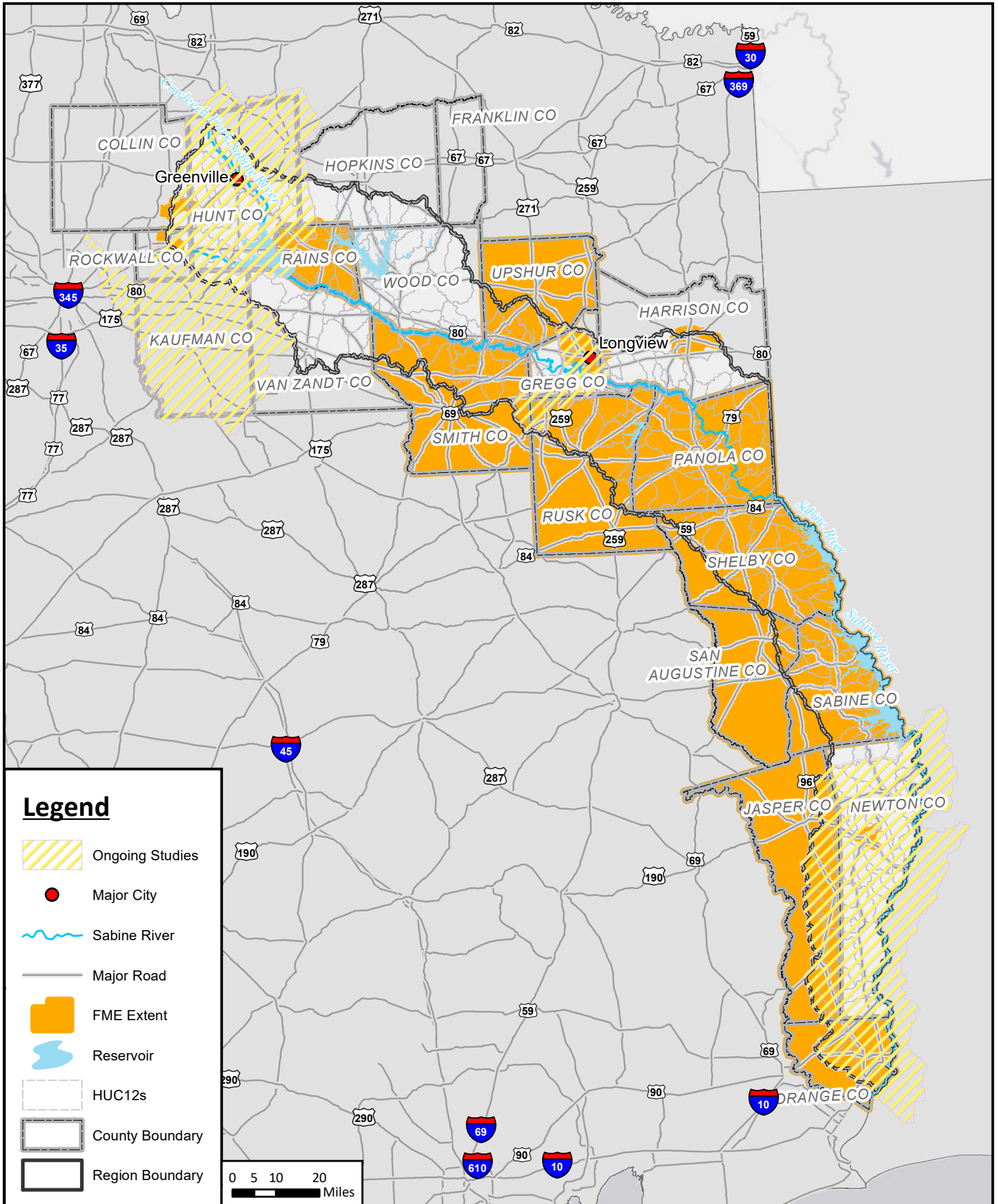
Flood Mitigation Action Name	Description	Entity	Estimated Project Cost (\$)	Reason Action Infeasible
City of Winona Action #1	Purchase and install an electric back-up generator at the water tower pump house in the event of a power outage from earthquake, extreme heat, flood, hail, hurricane/tropical storms, lightning, tornado, wildfire, wind, and winter weather.	Winona	\$100,000	Action does not achieve flood risk reduction
City of Winona Action #2	Purchase and install an electric back-up generator at the Winona Community Center in the event of a power outage from earthquake, extreme heat, flood, hail, hurricane/tropical storms, lightning, tornado, wildfire, wind, and winter weather. It could be a back-up EOC location and house approximately 75 displaced people. It is equipped with a full kitchen, and it is built of cinder block thus it can withstand a fire.	Winona	\$100,000	Action does not achieve flood risk reduction
City of Como Action #1	Construct wastewater overflow tank to contain overflow issues that currently exist during flash flooding	City of Como	Unknown	Action does not align with the flood mitigation goal(s) adopted by the region and/or the guidance principles set forth by the state

APPENDIX 5-A
SUPPORTING MAPS FOR CHAPTER 5










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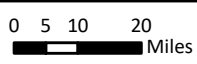






Legend

-  Ongoing Studies
-  Major City
-  Sabine River
-  Major Road
-  FME Extent
-  Reservoir
-  HUC12s
-  County Boundary
-  Region Boundary

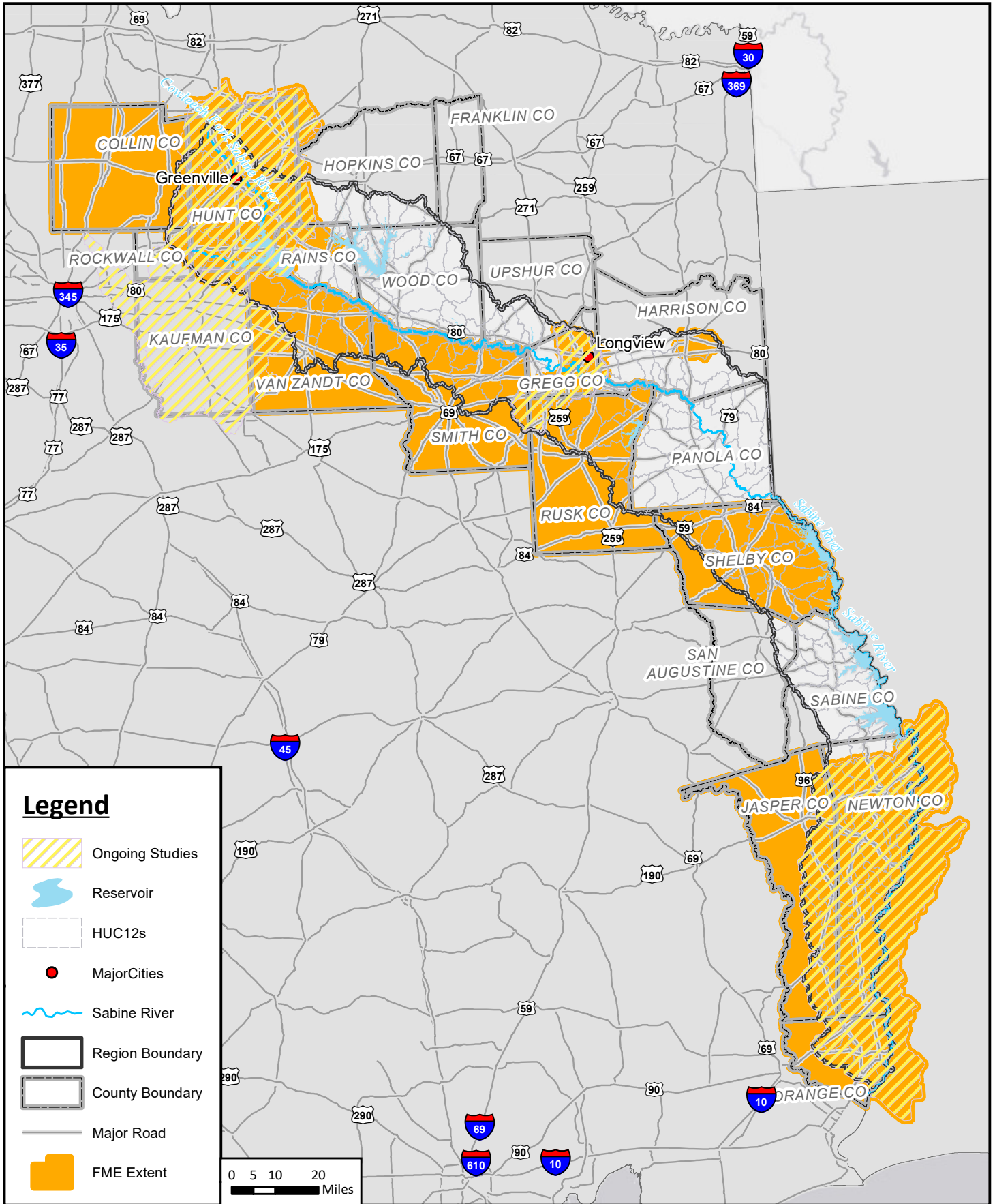


Sabine Regional Flood Plan










Extent of Recommended Flood Management Evaluations: Drainage Master Plan

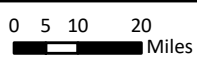


MAP 19
FIGURE 3 of 5



Legend

-  Ongoing Studies
-  Reservoir
-  HUC12s
-  Major Cities
-  Sabine River
-  Region Boundary
-  County Boundary
-  Major Road
-  FME Extent

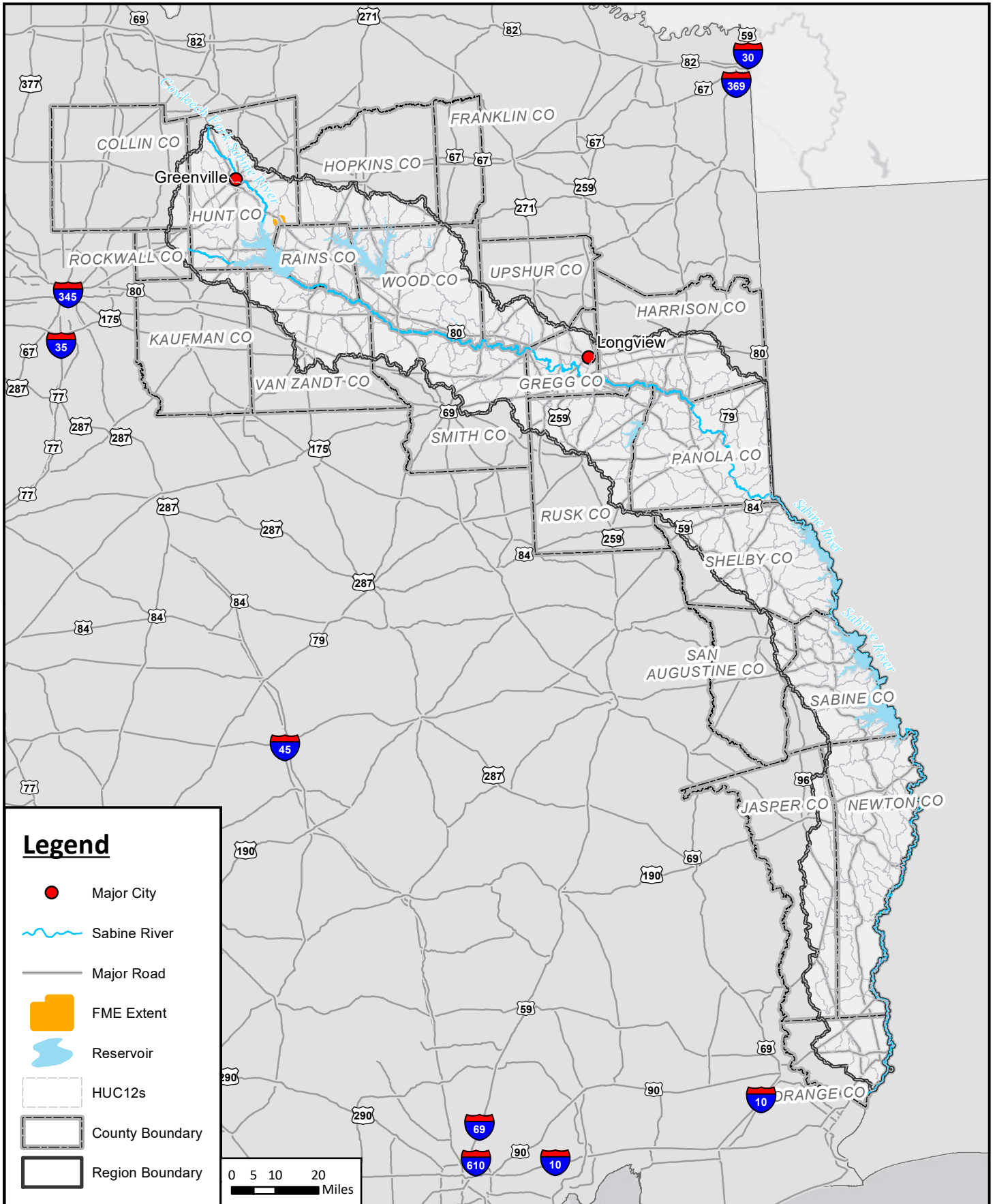


Sabine Regional Flood Plan









Extent of Recommended Flood Management Evaluations: Project Planning

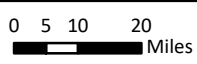


MAP 19
FIGURE 4 of 5



Legend

-  Major City
-  Sabine River
-  Major Road
-  FME Extent
-  Reservoir
-  HUC12s
-  County Boundary
-  Region Boundary

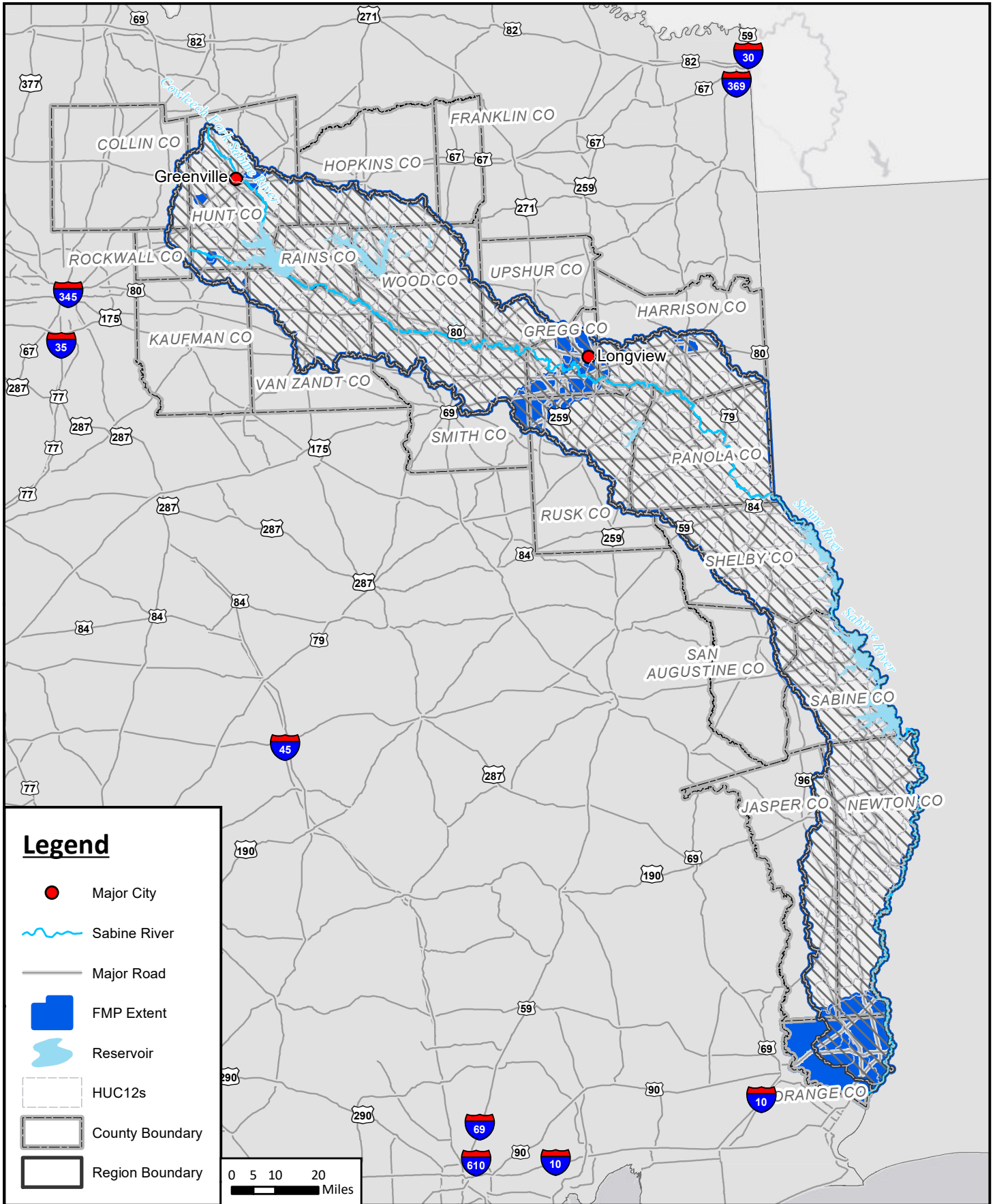


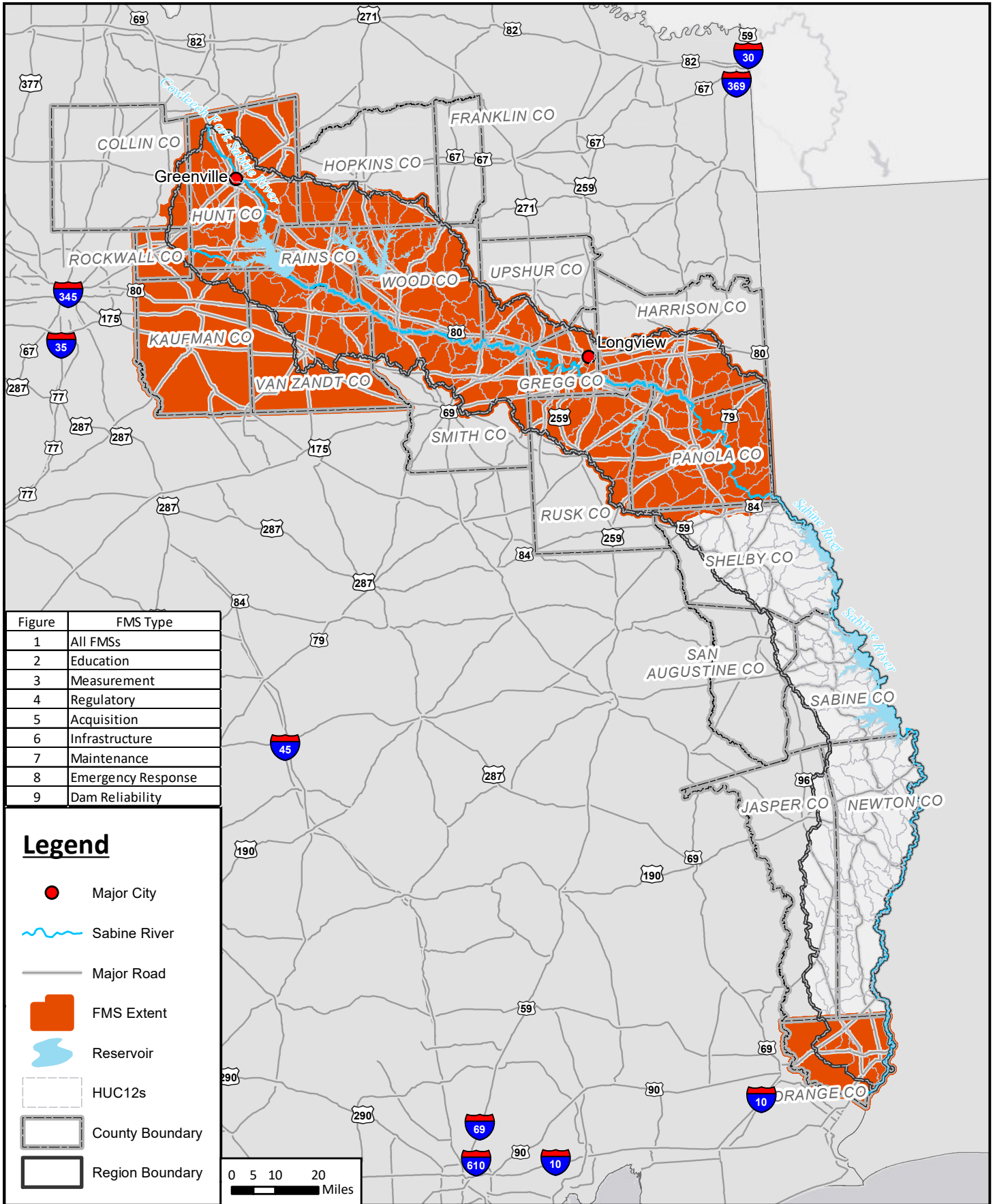
Sabine Regional Flood Plan

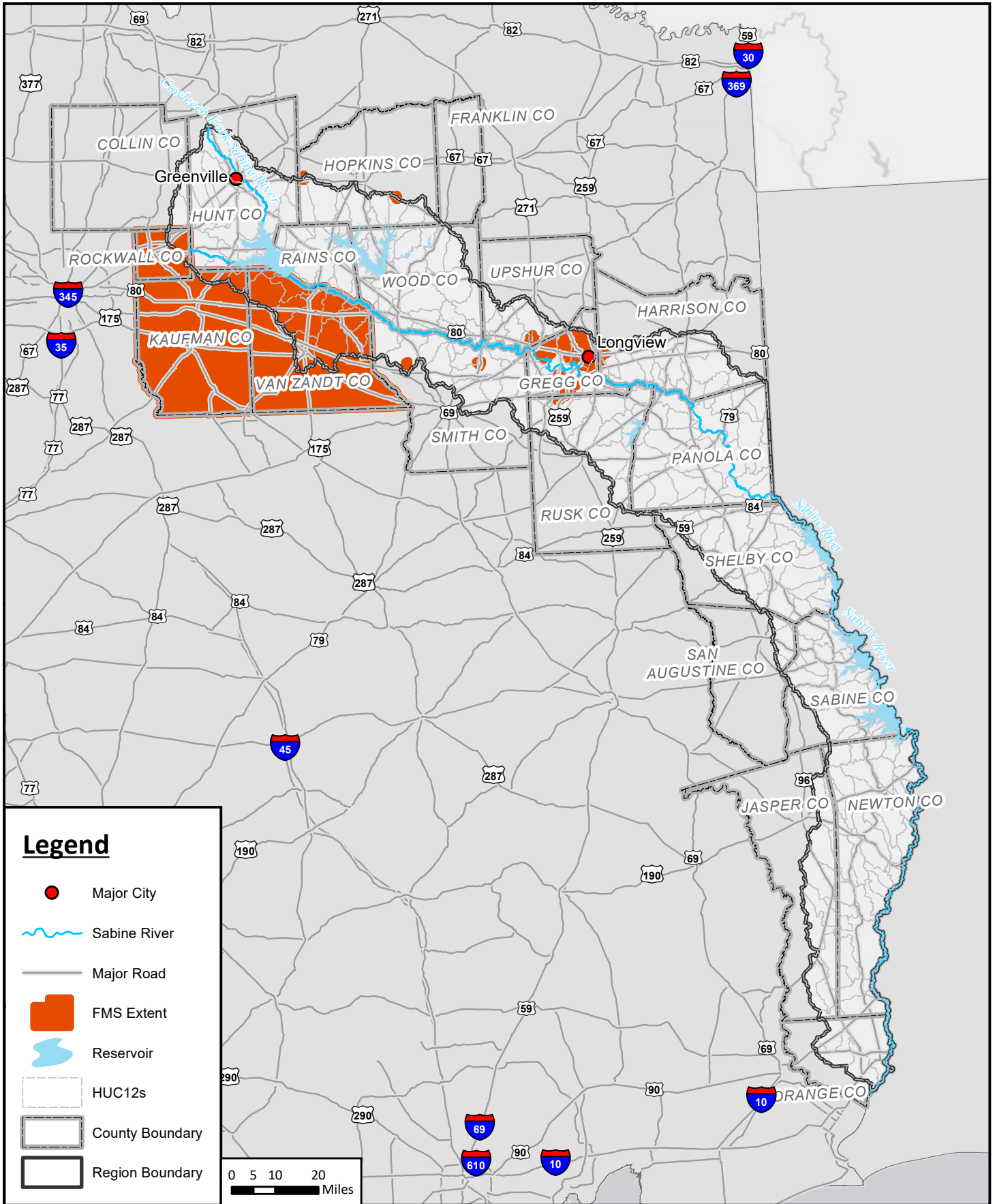
Extent of Recommended Flood Management Evaluations: Dam Inundation Study



MAP 19
FIGURE 5 of 5

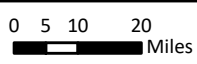






Legend

- Major City
- ~ Sabine River
- Major Road
- FMS Extent
- ☾ Reservoir
- HUC12s
- County Boundary
- Region Boundary



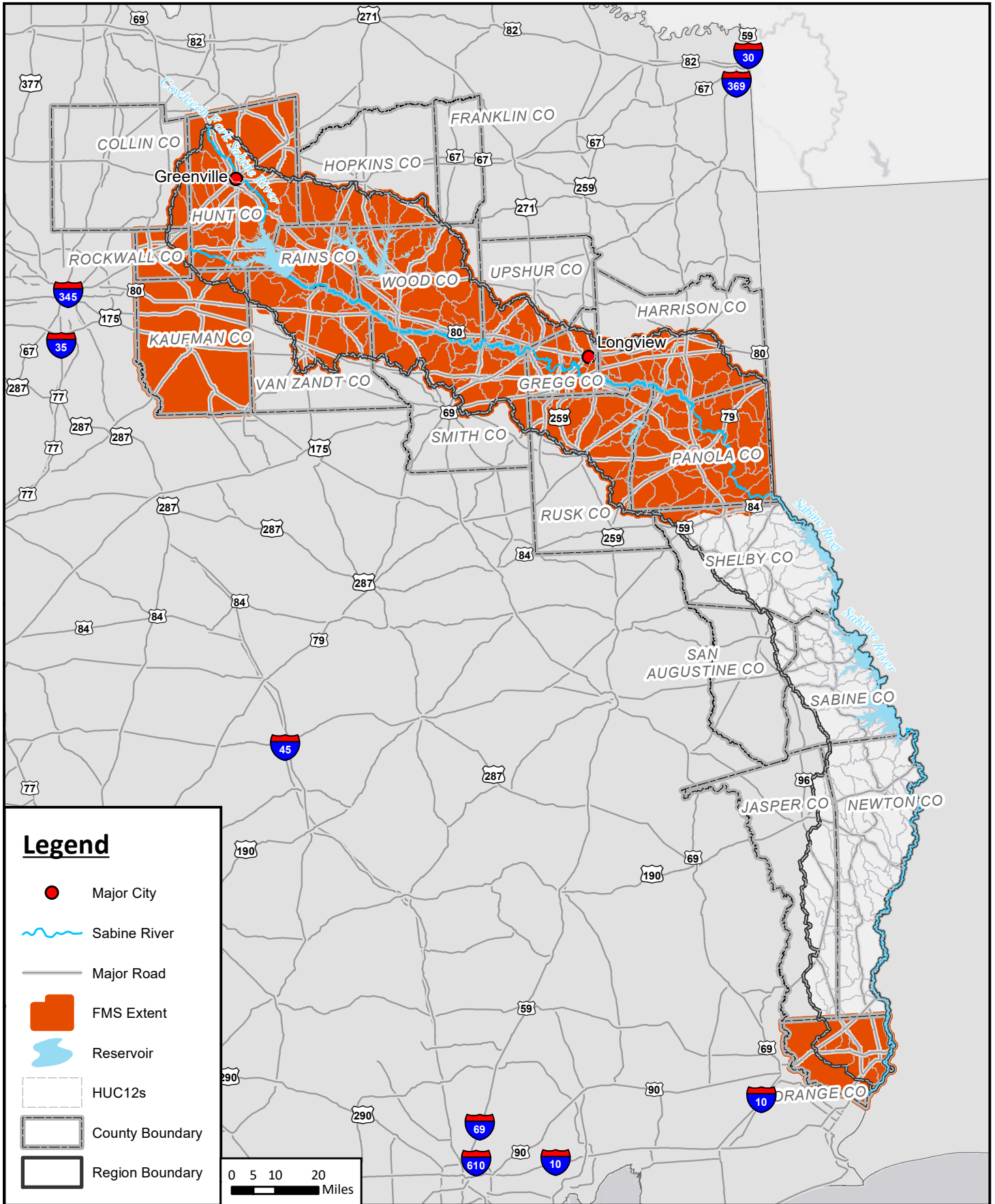
REGION 4

Sabine Regional Flood Plan

Extent of Recommended Flood Mitigation Strategies: Education and Outreach



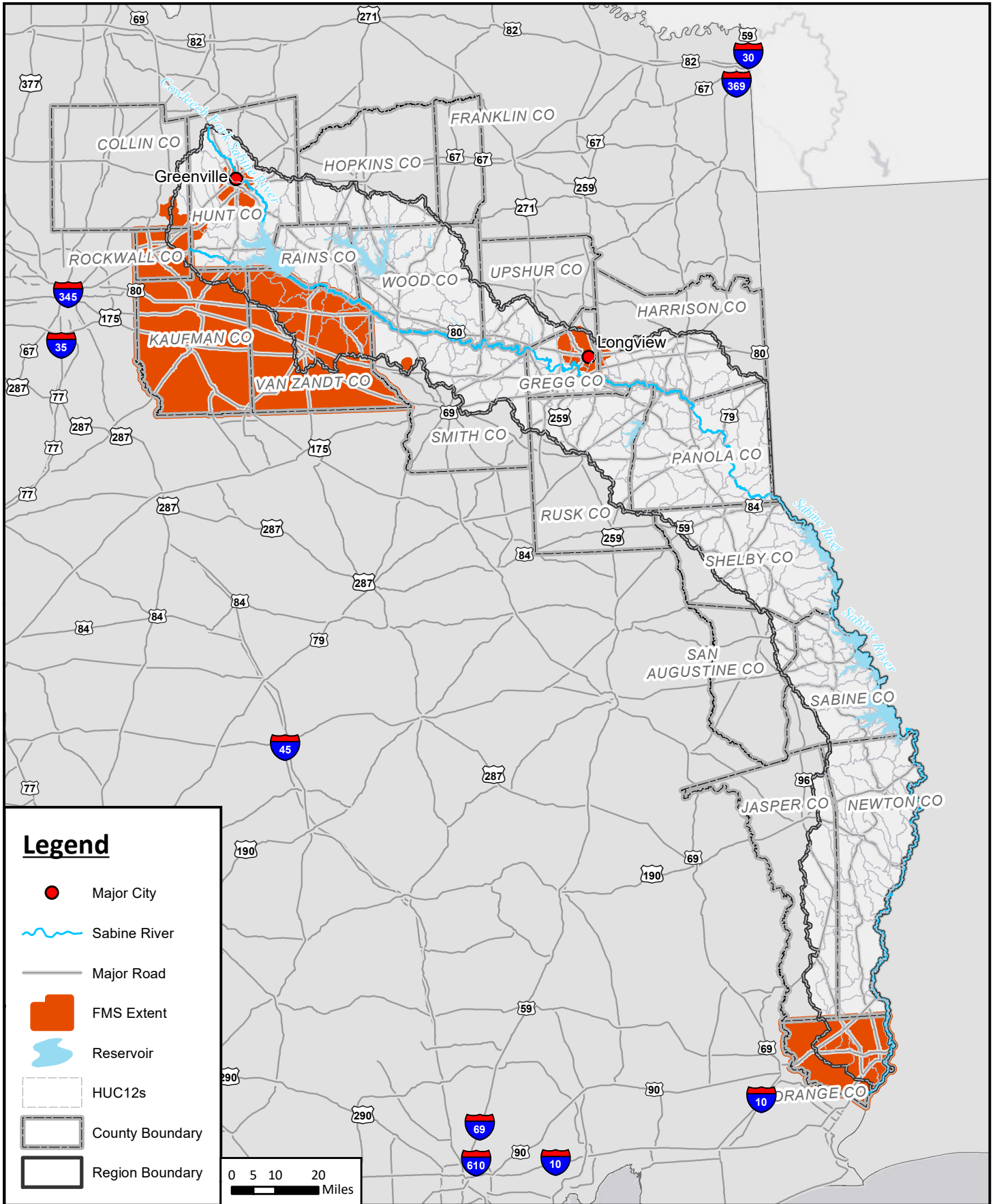
MAP 21
FIGURE 2 of 9

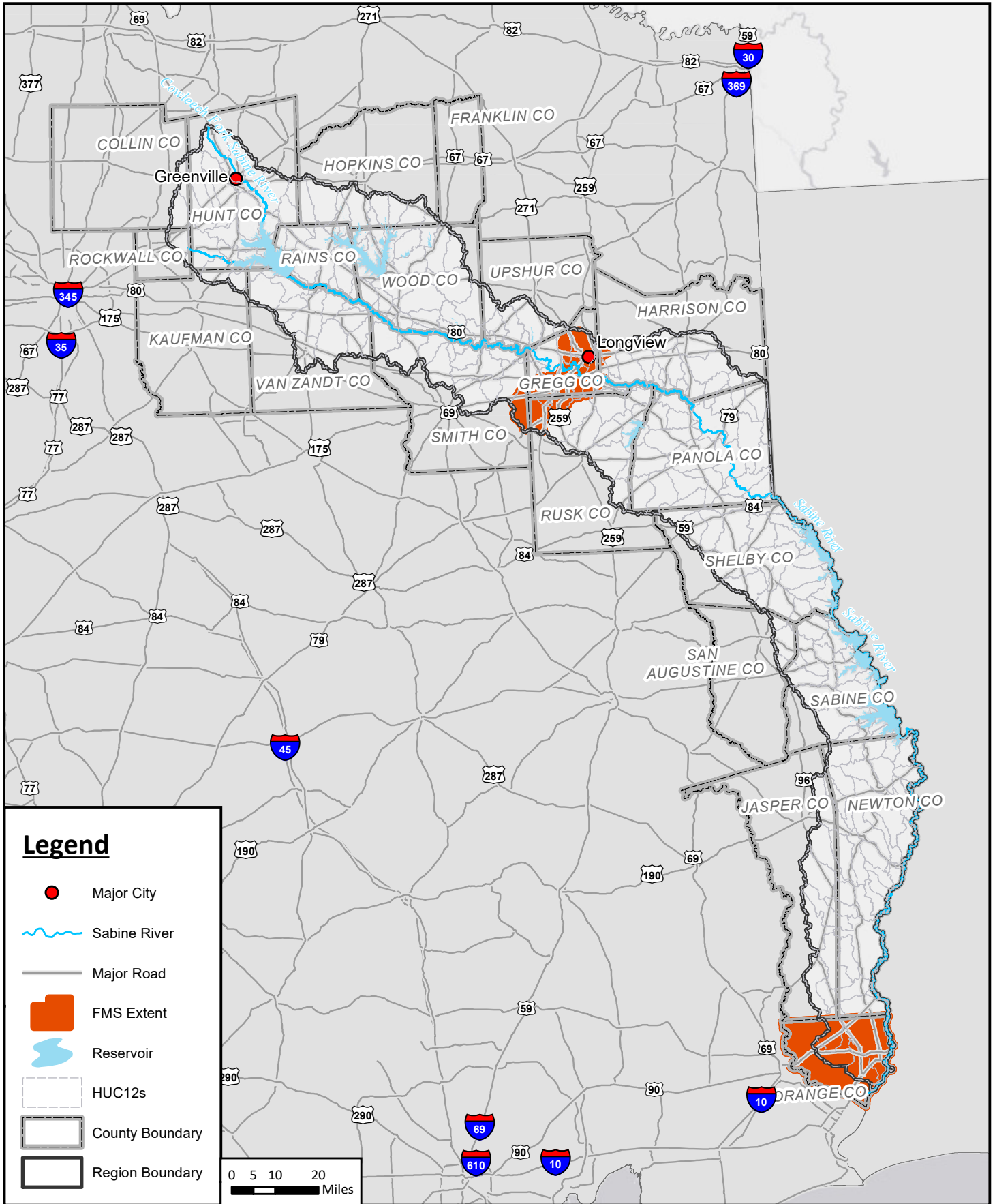


Sabine Regional Flood Plan

Extent of Recommended Flood Mitigation Strategies:
 Flood Measurement and Warning

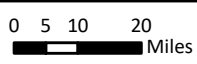






Legend

- Major City
- ~ Sabine River
- Major Road
- FMS Extent
- Reservoir
- HUC12s
- County Boundary
- Region Boundary



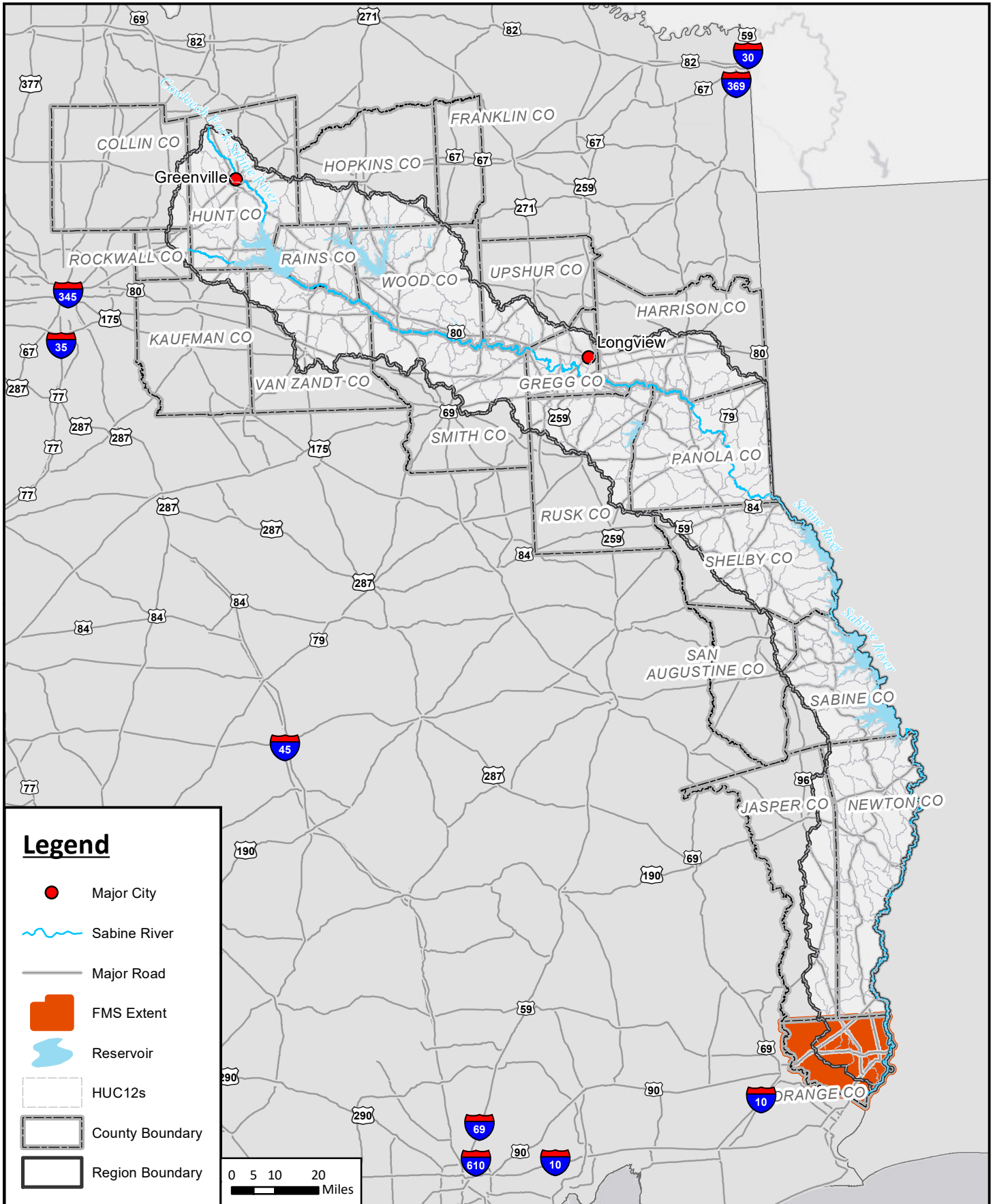
REGION 4

Sabine Regional Flood Plan

Extent of Recommended Flood Mitigation Strategies: Property Acquisition



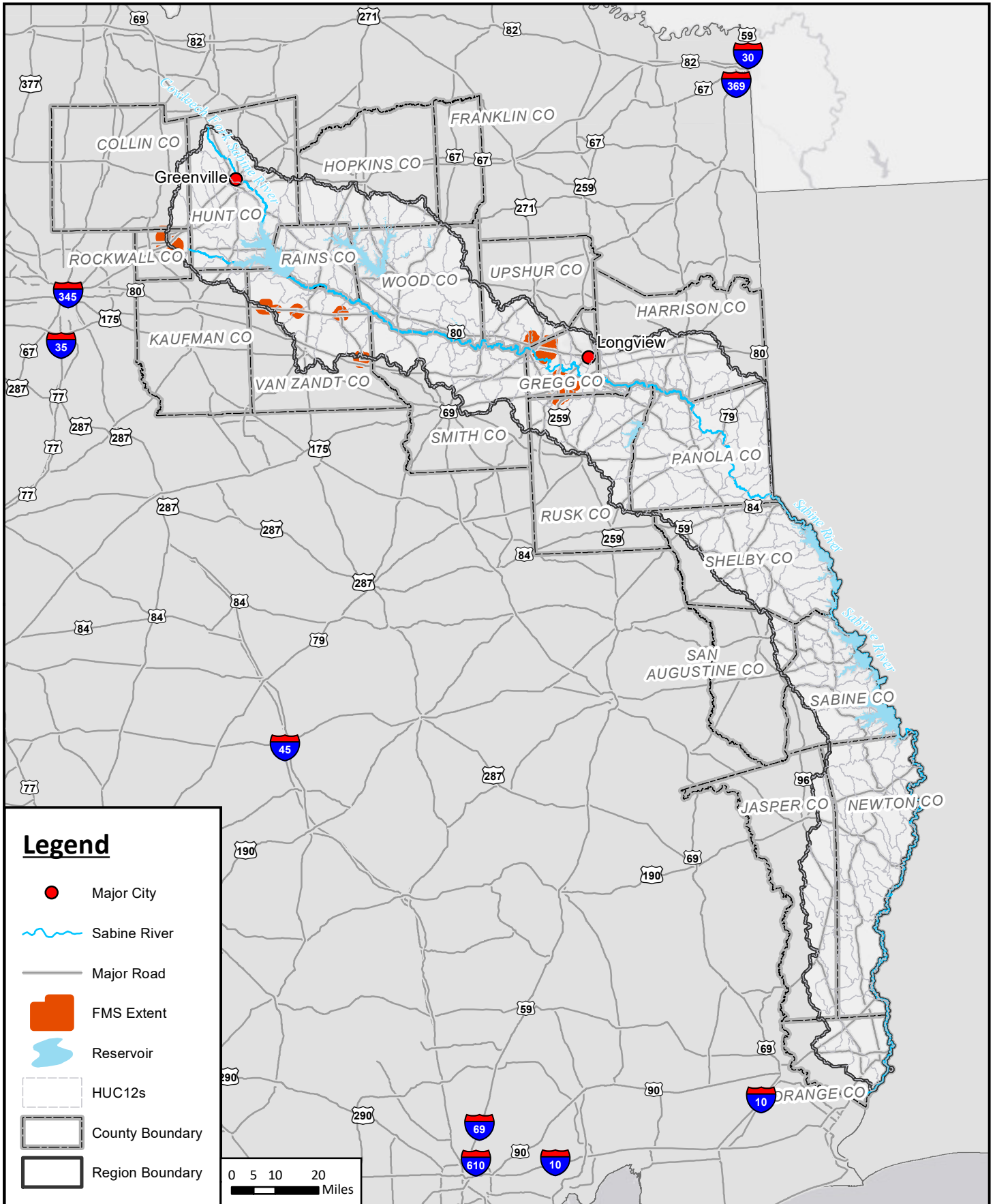
MAP 21
FIGURE 5 of 9



Sabine Regional Flood Plan

Extent of PRecommended Flood Mitigation Strategies: Infrastructure Projects

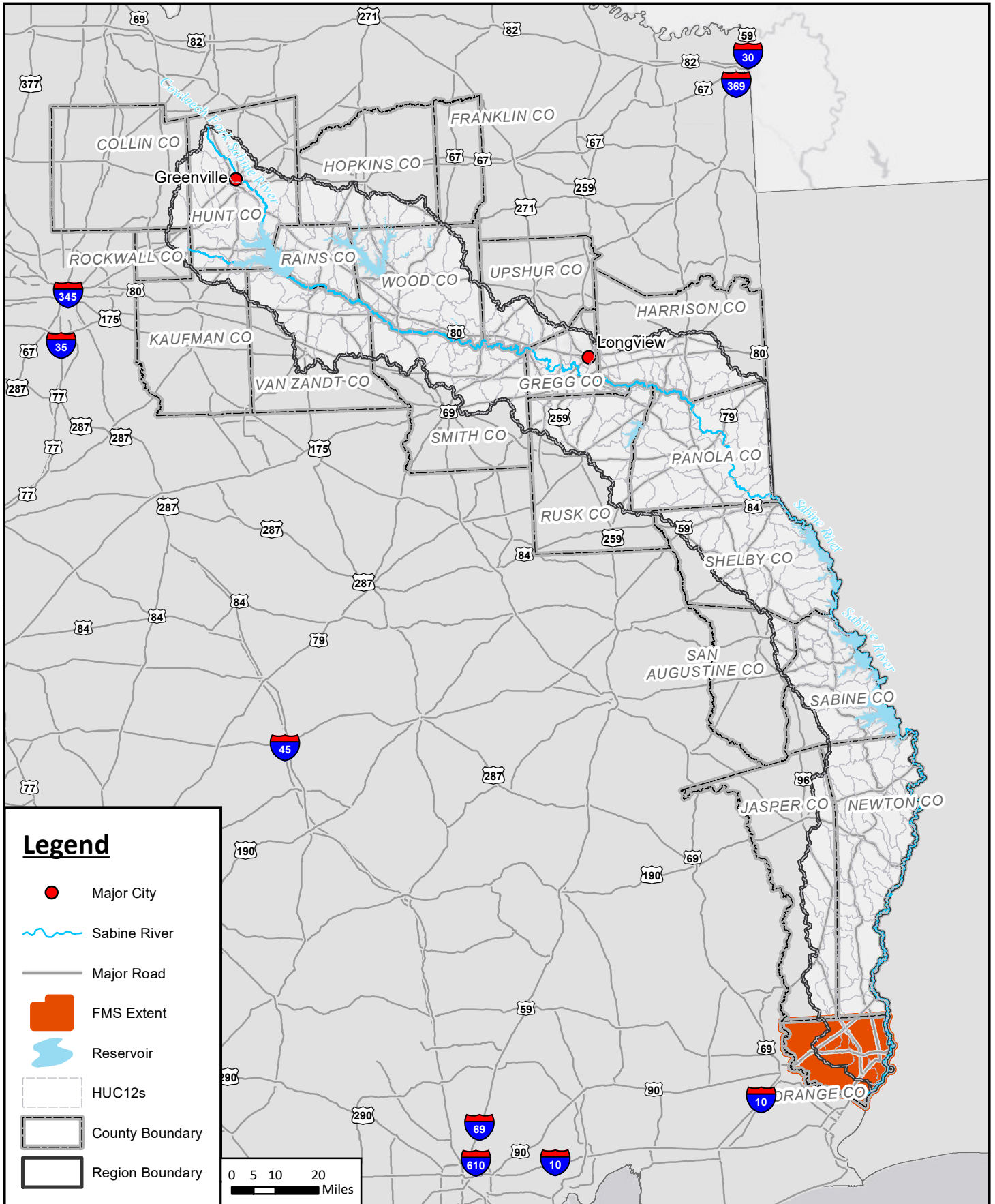




Sabine Regional Flood Plan

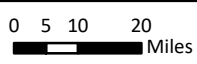
Extent of Recommended Flood Mitigation Strategies: Maintenance Program





Legend

- Major City
- ~ Sabine River
- Major Road
- FMS Extent
- ☾ Reservoir
- HUC12s
- County Boundary
- Region Boundary



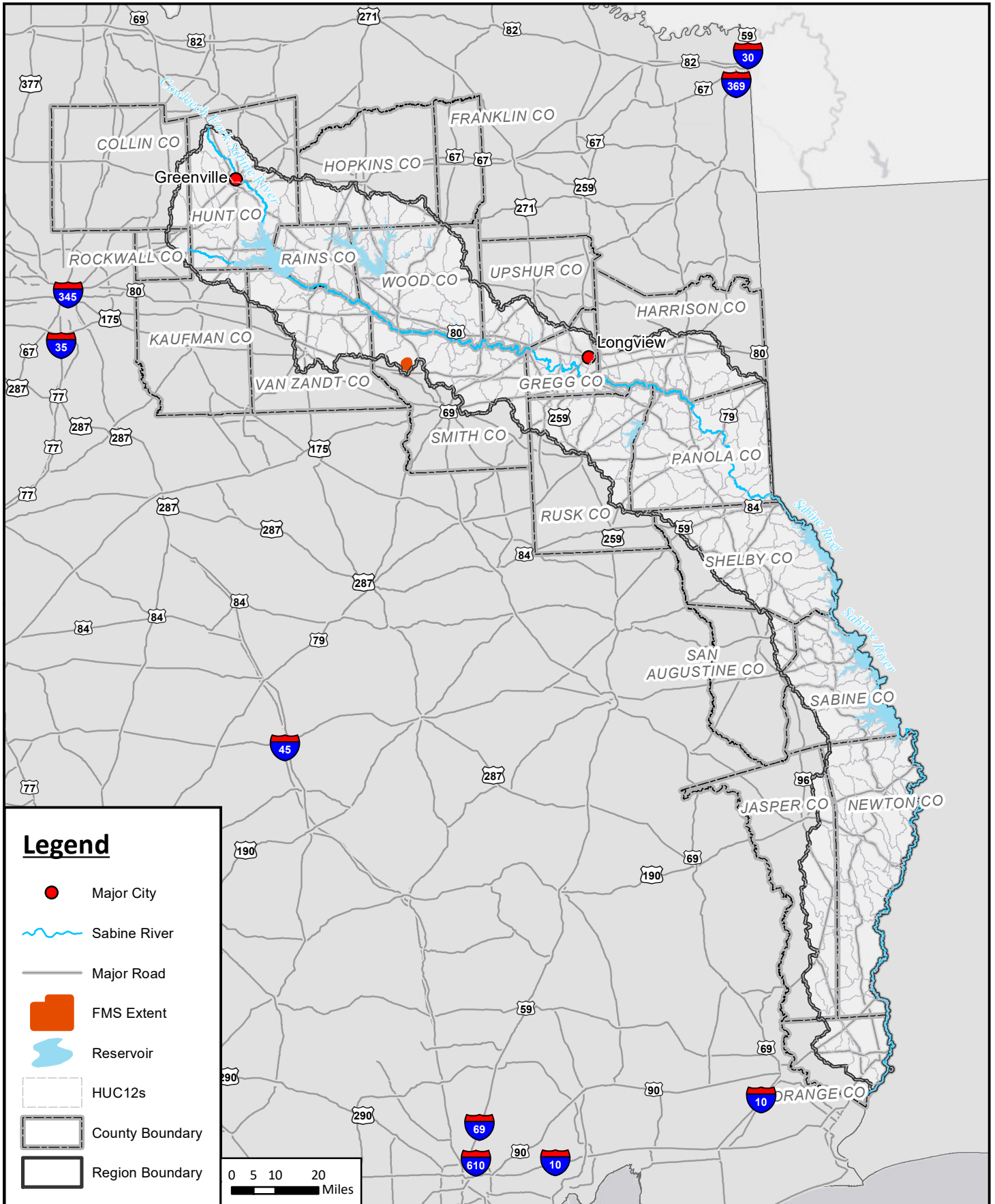
REGION 4

Sabine Regional Flood Plan

Extent of Recommend Flood Mitigation Strategies: Emergency Response

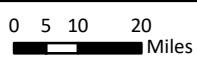


MAP 21
FIGURE 8 of 9



Legend

- Major City
- ~ Sabine River
- Major Road
- FMS Extent
- Reservoir
- HUC12s
- County Boundary
- Region Boundary



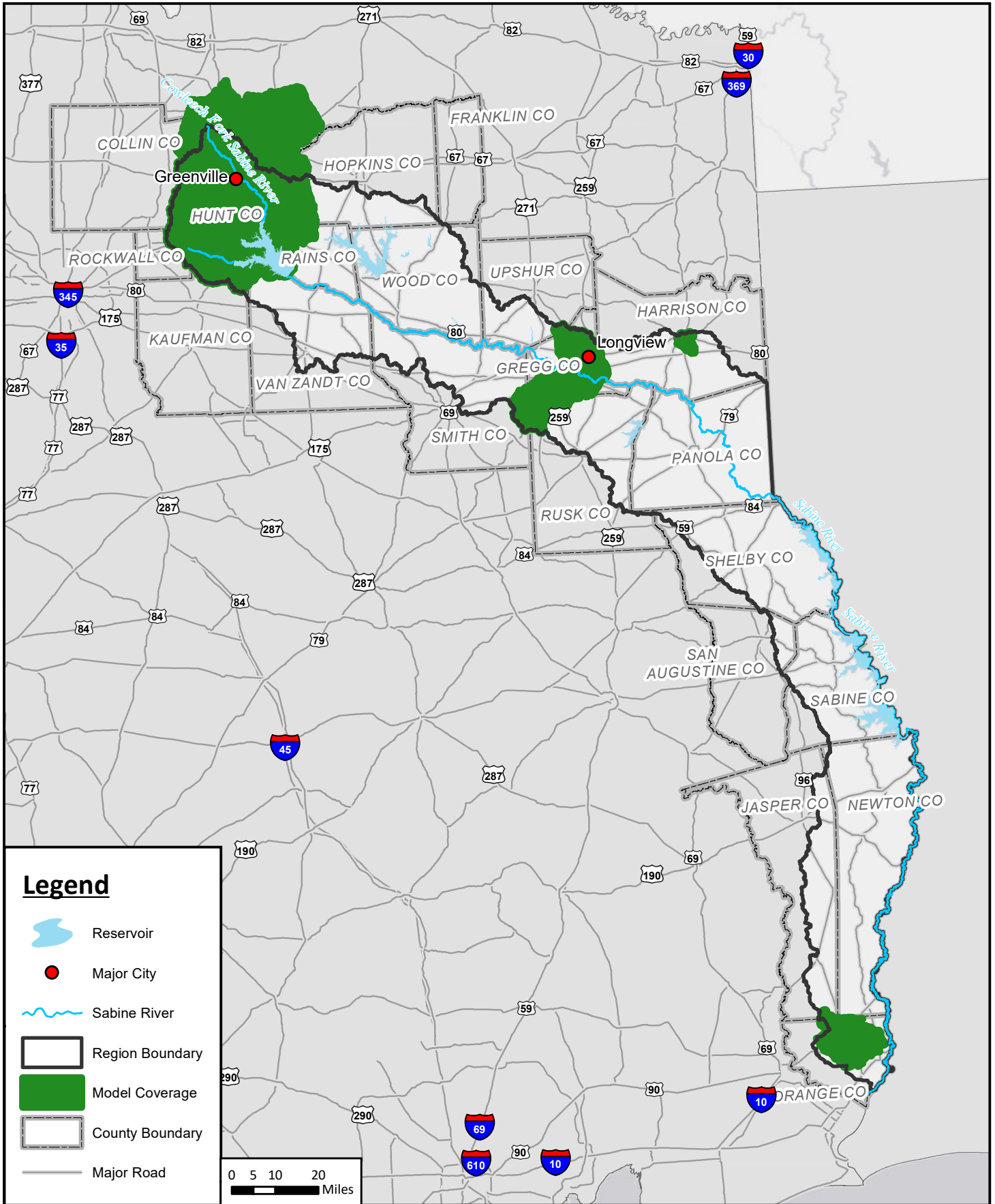
REGION 4

Sabine Regional Flood Plan

Extent of Recommend Flood Mitigation Strategies: Dam Reliability



MAP 21
FIGURE 9 of 9



APPENDIX 5-B
SUPPORTING TABLES FOR CHAPTER 5

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Table 15: Recommended Flood Management Evaluations Identified by RFPG

FME ID	RFPG No.	RFPG Name	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	Reason for Recommendation
041000001	4	Sabine	Parker Creek Corridor Study	Study of Parker Creek Corridor	04000007	Harrison	12010002	120100020703	Middle Sabine	Project Planning	47	Riverine	Marshall	Marshall	Yes	\$380,000	Yes	Aligns with RFPG Goals
041000002	4	Sabine	Newton County Flood Hazard Mapping	Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.	04000012, 04000013, 04000014	Newton, Sabine	12010005	120100051005, 120100051004, 120100051100, 120100051003	Lower Sabine	Watershed Planning	936	Riverine, Coastal	Newton	Newton	Yes	\$2,340,000	Yes	Aligns with RFPG Goals
041000003	4	Sabine	Smith County Flood Hazard Mapping	Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.	04000012, 04000013, 04000014	Smith, Van Zandt, Rains, Wood	12010001, 12010002	120100010603, 120100010608, 120100010607, 120100020105, 120100020101, 120100020106, 120100020107, 120100020501, 120100020301, 120100020302, 120100020303, 120100020403, 120100020404, 120100020405, 120100020502, 120100020102, 120100020104	Upper Sabine, Middle Sabine	Watershed Planning	946	Riverine	Smith	Smith	Yes	\$4,275,000	Yes	Aligns with RFPG Goals
041000004	4	Sabine	Smith County Drainage Master Plan	Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000012, 04000013, 04000014	Smith, Van Zandt, Rains, Wood	12010001, 12010002	120100010603, 120100010608, 120100010607, 120100020105, 120100020101, 120100020106, 120100020107, 120100020501, 120100020301, 120100020302, 120100020303, 120100020403, 120100020404, 120100020405, 120100020502, 120100020102, 120100020104	Upper Sabine, Middle Sabine	Watershed Planning	946	Riverine	Smith	Smith	Yes	\$1,900,000	Yes	Aligns with RFPG Goals
041000005	4	Sabine	Harrison County Flood Hazard Mapping	Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.	04000012, 04000013, 04000014	Panola, Harrison	12010002	120100020906, 120100020904, 120100021102, 120100020703, 120100020601, 120100020602, 120100020603, 120100020607, 120100020608, 120100020701, 120100020702, 120100020704, 120100020706, 120100020903, 120100020705, 120100021101	Middle Sabine	Watershed Planning	912	Riverine	Harrison	Harrison	Yes	\$1,850,000	Yes	Aligns with RFPG Goals
041000006	4	Sabine	Van Zandt County Flood Hazard Mapping	Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.	04000012, 04000013, 04000014	Van Zandt, Rains, Hunt	12010001	120100010407, 120100010503, 120100010501, 120100010502, 120100010504, 120100010601, 120100010507, 120100010603, 120100010608, 120100010605, 120100010607, 120100010505, 120100010405, 120100010604	Upper Sabine	Watershed Planning	856	Riverine	Van Zandt	Van Zandt	Yes	\$2,230,000	Yes	Aligns with RFPG Goals
041000007	4	Sabine	Upshur County Drainage Master Plan	Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000012, 04000013, 04000014	Smith, Wood, Upshur	12010002	120100020107, 120100020205, 120100020206, 120100020402, 120100020401, 120100020403, 120100020405, 120100020504, 120100020505	Middle Sabine	Watershed Planning	590	Riverine	Upshur	Upshur	Yes	\$200,000	Yes	Aligns with RFPG Goals
041000008	4	Sabine	Sabine County Flood Hazard Mapping	Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.	04000012, 04000013, 04000014	Sabine	12010004	120100040903, 120100040904, 120100040905, 120100041003, 120100040703, 120100040702, 120100040901, 120100040902, 120100041005, 120100041104, 120100040807, 120100040806, 120100041002, 120100041106, 120100041105, 120100041103, 120100041004, 120100041101, 120100041102	Toledo Bend Reservoir	Watershed Planning	574	Riverine	Sabine	Sabine	Yes	\$1,100,000	Yes	Aligns with RFPG Goals
041000009	4	Sabine	Sabine County Drainage Master Plan	Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000012, 04000013, 04000014	Sabine	12010004	120100040903, 120100040904, 120100040905, 120100041003, 120100040703, 120100040702, 120100040901, 120100040902, 120100041005, 120100041104, 120100040807, 120100040806, 120100041002, 120100041106, 120100041105, 120100041103, 120100041004, 120100041101, 120100041102	Toledo Bend Reservoir	Watershed Planning	574	Riverine	Sabine	Sabine	Yes	\$460,000	Yes	Aligns with RFPG Goals

FME ID	RFPG No.	RFPG Name	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	Reason for Recommendation
041000010	4	Sabine	San Augustine County Flood Hazard Mapping	Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.	04000012, 04000013, 04000014	San Augustine, Shelby	12010004	120100040701, 120100040702, 120100040901, 120100040902	Toledo Bend Reservoir	Watershed Planning	590	Riverine	San Augustine	San Augustine	Yes	\$100,000	Yes	Aligns with RFPG Goals
041000011	4	Sabine	San Augustine County Drainage Master Plan	Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000012, 04000013, 04000014	San Augustine, Shelby	12010004	120100040701, 120100040702, 120100040901, 120100040902	Toledo Bend Reservoir	Watershed Planning	590	Riverine	San Augustine	San Augustine	Yes	\$50,000	Yes	Aligns with RFPG Goals
041000012	4	Sabine	Shelby County Flood Hazard Mapping	Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.	04000012, 04000013, 04000014	Rusk, Panola, Shelby	12010002, 12010004	120100040701, 120100040702, 120100040901, 120100040902	Middle Sabine, Toledo Bend Reservoir	Watershed Planning	831	Riverine	Shelby	Shelby	Yes	\$375,500	Yes	Aligns with RFPG Goals
041000013	4	Sabine	Rusk County Flood Hazard Mapping	Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.	04000012, 04000013, 04000014	Rusk, Smith, Gregg	12010002	120100020501, 120100021004, 120100021005, 120100021006, 120100020506, 120100020502, 120100020503, 120100020601, 120100020603, 120100020604, 120100020605, 120100020606, 120100020608, 120100020801, 120100020803, 120100020901, 120100020804, 120100020802	Middle Sabine	Watershed Planning	935	Riverine	Rusk	Rusk	Yes	\$1,850,000	Yes	Aligns with RFPG Goals
041000014	4	Sabine	Panola County Flood Hazard Mapping	Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.	04000012, 04000013, 04000014	Panola	12010002	120100020501, 120100021004, 120100021005, 120100021006, 120100020506, 120100020502, 120100020503, 120100020601, 120100020603, 120100020604, 120100020605, 120100020606, 120100020608, 120100020801, 120100020803, 120100020901, 120100020804, 120100020802	Middle Sabine	Watershed Planning	818	Riverine	Panola	Panola	Yes	\$3,700,000	Yes	Aligns with RFPG Goals
041000015	4	Sabine	Panola County Drainage Master Plan	Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000012, 04000013, 04000014	Panola	12010002	120100020501, 120100021004, 120100021005, 120100021006, 120100020506, 120100020502, 120100020503, 120100020601, 120100020603, 120100020604, 120100020605, 120100020606, 120100020608, 120100020801, 120100020803, 120100020901, 120100020804, 120100020802	Middle Sabine	Watershed Planning	818	Riverine	Panola	Panola	Yes	\$1,700,000	Yes	Aligns with RFPG Goals
041000016	4	Sabine	Rains County Flood Hazard Mapping	Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.	04000012, 04000013, 04000014	Rains, Hunt	12010001, 12010003	120100010406, 120100010407, 120100010601, 120100010506, 120100010507, 120100010603, 120100010505, 120100010602, 120100030101, 120100030102, 120100030103, 120100030107, 120100030104, 120100030105, 120100030106, 120100030204	Upper Sabine, Lake Fork	Watershed Planning	257	Riverine	Rains	Rains	Yes	\$2,100,000	Yes	Aligns with RFPG Goals
041000017	4	Sabine	Rains County Drainage Master Plan	Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000012, 04000013, 04000014	Rains, Hunt	12010001, 12010003	120100010406, 120100010407, 120100010601, 120100010506, 120100010507, 120100010603, 120100010505, 120100010602, 120100030101, 120100030102, 120100030103, 120100030107, 120100030104, 120100030105, 120100030106, 120100030204	Upper Sabine, Lake Fork	Watershed Planning	257	Riverine	Rains	Rains	Yes	\$600,000	Yes	Aligns with RFPG Goals
041000018	4	Sabine	Wood County Flood Hazard Mapping	Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.	04000012, 04000013, 04000014	Smith, Van Zandt, Rains, Wood	12010001, 12010002, 12010003	120100010406, 120100010407, 120100010601, 120100010506, 120100010507, 120100010603, 120100010505, 120100010602, 120100030101, 120100030102, 120100030103, 120100030107, 120100030104, 120100030105, 120100030106, 120100030204	Upper Sabine, Lake Fork	Watershed Planning	693	Riverine	Wood	Wood	Yes	\$3,200,000	Yes	Aligns with RFPG Goals

FME ID	RFPG No.	RFPG Name	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	Reason for Recommendation
041000019	4	Sabine	Hopkins County Flood Hazard Mapping	Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.	04000012, 04000013, 04000014	Wood, Hopkins, Franklin	12010002, 12010003	120100020201, 120100030101, 120100030102, 120100030103, 120100030107, 120100030104, 120100030105, 120100030106, 120100030205, 120100030201, 120100030202, 120100030203	Middle Sabine, Lake Fork	Watershed Planning	791	Riverine	Hopkins	Hopkins	Yes	\$1,550,000	Yes	Aligns with RFPG Goals
041000020	4	Sabine	Vidor Drainage Master Plan	Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.	04000012, 04000013, 04000014	Orange	12010005	120100051004, 120100051003	Lower Sabine	Watershed Planning	12	Riverine	Vidor	Vidor	Yes	\$1,200,000	Yes	Aligns with RFPG Goals
041000021	4	Sabine	City of Fate Drainage Master Plan	Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.	04000012, 04000013, 04000014	Rockwall, Collin, Hunt	12010001	120100010301	Upper Sabine	Watershed Planning	12	Riverine	Fate	Fate	No	\$450,000	Yes	Aligns with RFPG Goals
041000022	4	Sabine	Nevada Drainage Master Plan	Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.	04000012, 04000013, 04000014	Rockwall, Collin, Hunt	12010001	120100010301	Upper Sabine	Watershed Planning	2	Riverine	Nevada	Nevada	No	\$100,000	Yes	Aligns with RFPG Goals
041000023	4	Sabine	City of Newton Drainage Master Plan	Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000012, 04000013, 04000014	Newton	12010005	120100051005, 120100051004, 120100051100, 120100051003	Lower Sabine	Watershed Planning	5	Riverine	Newton	Newton	No	\$100,000	Yes	Aligns with RFPG Goals
041000024	4	Sabine	Newton Drainage Master Plan	Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.	04000012, 04000013, 04000014	Newton	12010005	120100051005, 120100051004, 120100051100, 120100051003	Lower Sabine	Watershed Planning	5	Riverine	Newton	Newton	No	\$400,000	Yes	Aligns with RFPG Goals
041000025	4	Sabine	Longview Drainage Master Plan	Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.	04000012, 04000013, 04000014	Rusk, Gregg	12010002	120100020506, 120100020601, 120100020504, 120100020505, 120100020602	Middle Sabine	Watershed Planning	56	Riverine	Longview	Longview	Yes	\$1,100,000	Yes	Aligns with RFPG Goals
041000026	4	Sabine	Josephine Drainage Master Plan	Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.	04000012, 04000013, 04000014	Collin, Hunt	12010001	120100010202, 120100010301	Upper Sabine	Watershed Planning	2	Riverine	Josephine	Josephine	No	\$100,000	Yes	Aligns with RFPG Goals
041000027	4	Sabine	Kirbyville Drainage Master Plan	Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.	04000012, 04000013, 04000014	Jasper, Newton	12010005	120100050901, 120100050607, 120100050608	Lower Sabine	Watershed Planning	2	Riverine	Kirbyville	Kirbyville	Yes	\$600,000	Yes	Aligns with RFPG Goals
041000028	4	Sabine	Marshall Drainage Master Plan	Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.	04000012, 04000013, 04000014	Harrison	12010002	120100020703, 120100020701, 120100020702, 120100020704	Middle Sabine	Watershed Planning	30	Riverine	Marshall	Marshall	No	\$500,000	Yes	Aligns with RFPG Goals
041000029	4	Sabine	Scottsville Drainage Master Plan	Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.	04000012, 04000013, 04000014	Harrison	12010002	120100020703	Middle Sabine	Watershed Planning	1	Riverine	Scottsville	Scottsville	No	\$300,000	Yes	Aligns with RFPG Goals
041000030	4	Sabine	City of Edgewood Stormwater Drain and Culvert Improvement Study	Feasibility study to install and upgrade undersized stormwater drains and culverts	04000007	Van Zandt	12010001	120100010502, 120100010504	Upper Sabine	Project Planning	1	Riverine	Edgewood	Edgewood	No	\$100,000	Yes	Aligns with RFPG Goals
041000031	4	Sabine	City of Edgewood Stormwater Detention Study	Feasibility study to increase drainage capacity; add stormwater detention and / or retention basins as deemed necessary to reduce flood risk upstream of Edgewood City Dami	04000007	Van Zandt	12010001	120100010502, 120100010504	Upper Sabine	Project Planning	1	Riverine	Edgewood	Edgewood	No	\$100,000	Yes	Aligns with RFPG Goals
041000032	4	Sabine	City of Greenville Critical Facilities Flood Protection Study	Feasibility study to elevated or flood proofing of critical structures and/or the construction of barriers around critical structures	04000004, 04000005	Hunt	12010001	120100010103, 120100010102, 120100010204, 120100010401	Upper Sabine	Project Planning	33	Riverine	Greenville	Greenville	No	\$300,000	Yes	Aligns with RFPG Goals

FME ID	RFPG No.	RFPG Name	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	Reason for Recommendation
041000033	4	Sabine	City of Fruitvale Drainage Infrastructure Improvement Study	Feasibility study to evaluate access and road conditions for response vehicles. Develop and implement options to improve access and/or add redundant access routes in high risk areas.	04000001, 04000014	Van Zandt	12010001	120100010504, 120100010601	Upper Sabine	Project Planning	2	Riverine	Fruitvale	Fruitvale	No	\$200,000	Yes	Aligns with RFPG Goals
041000034	4	Sabine	City of Canton Drainage Infrastructure Improvements Study	Feasibility study to increase drainage capacity; install french drains or elevate building and upgrade undersized pipe under state Hwy	04000012	Van Zandt	12010001	120100010503, 120100010604	Upper Sabine	Project Planning	6	Riverine	Canton	Canton	No	\$300,000	Yes	Aligns with RFPG Goals
041000035	4	Sabine	City of Kilgore Drainage Infrastructure Improvements Study	Study improvements to drainage infrastructure in the downtown area by installing new inlets and storm drains	04000014	Rusk	12010002	120100020506, 120100020405, 120100020502, 120100020503	Middle Sabine	Project Planning	19	Riverine	Kilgore	Kilgore	No	\$300,000	Yes	Aligns with RFPG Goals
041000036	4	Sabine	City of Kilgore Library Drainage Improvement Study	Feasibility study of underground drainage structures to capture and direct subsurface water away from the library structure	04000014	Rusk	12010002	120100020506, 120100020405, 120100020502, 120100020503	Middle Sabine	Project Planning	19	Riverine	Kilgore	Kilgore	Yes	\$400,000	Yes	Aligns with RFPG Goals
041000037	4	Sabine	City of Henderson Flood Instructure Improvements Study	Feasibility study to replace riprap lining with a concrete lining to increase maintenance efficiency and flood protection.	04000007	Rusk	12010002	120100020605, 120100020801	Middle Sabine	Project Planning	12	Riverine	Henderson	Henderson	Yes	\$200,000	Yes	Aligns with RFPG Goals
041000038	4	Sabine	City of Henderson Storm Drain Improvement Study	Feasibility study to install new storm drain system to address localized neighborhood drainage issues	04000007	Rusk	12010002	120100020605, 120100020801	Middle Sabine	Project Planning	12	Riverine	Henderson	Henderson	Yes	\$100,000	Yes	Aligns with RFPG Goals
041000039	4	Sabine	City of Longview Critical Facilities Flood Protection Study	Ensure that critical facilities owned by the jurisdiction are protected from flood.	04000003	Gregg	12010002	120100020506, 120100020601, 120100020504, 120100020505, 120100020602	Middle Sabine	Project Planning	56	Riverine	Longview	Longview	Yes	\$85,000	Yes	Aligns with RFPG Goals
041000040	4	Sabine	Lone Oak - Dam Inundation Study	Dam inundation study, safety study, and inventory of mitigation activities to implement for the county dams.	04000014	Hunt	12010001, 12010003	120100010406, 120100010401, 120100030102	Upper Sabine, Lake Fork	Other	1	Riverine	Lone Oak	Lone Oak	Yes	\$500,000	Yes	Aligns with RFPG Goals
041000041	4	Sabine	Kirbyville Drainage Improvement Study	Study to coordinate and improve storm water drainage throughout the county; encourage new development to balance impervious surfaces with adjacent green space	04000007, 04000014	Jasper	12010005	120100050901, 120100050607, 120100050608	Lower Sabine	Project Planning	2	Riverine	Kirbyville	Kirbyville	Yes	\$100,000	Yes	Aligns with RFPG Goals
041000042	4	Sabine	Feasibility Assessment and Conceptual Design of Dredging of Segments of Adams Bayou	H&H Study and Modeling for Feasibility Assessment of Dredging of Segments of Adams Bayou	04000007, 04000012, 04000013, 04000014	Orange	12010005	120100051100	Lower Sabine	Project Planning	146	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	Yes	\$2,000,000	Yes	Aligns with RFPG Goals
041000043	4	Sabine	Feasibility Assessment and Conceptual Design of Dredging of Segments of Cow Bayou	H&H Study and Modeling for Feasibility Assessment of Dredging of Segments of Cow Bayou	04000007, 04000012, 04000013, 04000014	Orange	12010005	120100051003, 120100051004, 120100051005	Lower Sabine	Project Planning	119	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	Yes	\$600,000	Yes	Aligns with RFPG Goals
041000044	4	Sabine	Feasibility Assessment and Conceptual Design of Dredging of Segments of Little Cypress Bayou	H&H Study and Modeling for Feasibility Assessment of Dredging of Segments of Little Cypress Bayou	04000007, 04000012, 04000013, 04000014	Orange	12010005	120100051100	Lower Sabine	Project Planning	146	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	Yes	\$1,000,000	Yes	Aligns with RFPG Goals
041000045	4	Sabine	Feasibility Assessment and Conceptual Design of Constructing a Stormwater Detention Pond Adjacent to Cow Bayou near Claiborne Park	H&H Study and Modeling for Feasibility Assessment of Construction of a Stormwater Detention Pond Adjacent to Cow Bayou near Claiborne Park	04000007, 04000012, 04000013, 04000014	Orange	12010005	120100051003, 120100051004, 120100051005	Lower Sabine	Project Planning	119	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	Yes	\$600,000	Yes	Aligns with RFPG Goals
041000046	4	Sabine	Feasibility Assessment and Conceptual Design of Increasing the Size of Culverts and Railroad Trestles on Major Drainage Structures	H&H Study and Modeling for Determination of Need and Feasibility Assessment for Increase in Size of Culverts and Railroad Trestles on Major Drainage Structures Throughout Orange County	04000007, 04000012, 04000013, 04000014	Orange	12010005	120100051005, 120100051004, 120100051100, 120100051003	Lower Sabine	Project Planning	371	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	Yes	\$500,000	Yes	Aligns with RFPG Goals
041000047	4	Sabine	Feasibility Assessment and Conceptual Design of Increasing Capacity of Drainage Ditches and Channels that Convey Stormwater from Neighborhoods	H&H Study and Modeling for Determination of Need and Feasibility Assessment of the Capacity of Drainage Ditches and Channels that Convey Stormwater from Neighborhoods Located Within Orange County	04000007, 04000012, 04000013, 04000014	Orange	12010005	120100051005, 120100051004, 120100051100, 120100051003	Lower Sabine	Project Planning	371	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	Yes	\$1,000,000	Yes	Aligns with RFPG Goals

FME ID	RFPG No.	RFPG Name	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	Reason for Recommendation
04100048	4	Sabine	City of Fate Culvert Improvement Study	Culverts improvements to meet 100-YR fully developed conditions	04000007, 04000012, 04000013, 04000014	Rockwall, Collin, Hunt	12010001	120100010301	Upper Sabine	Project Planning	56	Riverine	Fate	Fate	No	\$100,000	Yes	Aligns with RFPG Goals
04100049	4	Sabine	Newton County Flood and Drainage Study	Feasibility study to reconstruct bridges and culverts in a major drainage basin flowing into the Sabine River in Newton County.	04000007, 04000012, 04000013, 04000014	Newton, Jasper	12010005	120100050504, 120100050601, 120100050602, 120100050603, 120100050605, 120100050606	Lower Sabine	Project Planning	159	Riverine	Newton	Newton	Yes	\$600,000	Yes	Aligns with RFPG Goals
04100050	4	Sabine	Orange County Drainage Improvements at Kinard Estates Study	First-time sewer service, detention pond, and other drainage improvements to reduce flooding and environmental impacts.	04000007, 04000012, 04000013, 04000014	Orange	12010005	120100051005, 120100051004, 120100051100, 120100051003	Lower Sabine	Project Planning	371	Riverine, Coastal	Orange County	Orange County	Yes	\$250,000	Yes	Aligns with RFPG Goals
04100051	4	Sabine	West Orange Drainage Improvements Study	West Orange Drainage Improvements Study to quantify benefits, evaluate impacts, and begin design.	04000012, 04000013, 04000014	Orange	12010005	120100051100	Lower Sabine	Project Planning	3	Riverine, Coastal	West Orange	West Orange	Yes	\$350,000	Yes	Aligns with RFPG Goals
04100052	4	Sabine	Adams Bayou Detention Ponds Study	Flood Protection Planning Study Cow Bayou & Adams Bayou Alternative	04000007, 04000012, 04000013, 04000014	Orange	12010005	120100051100	Lower Sabine	Project Planning	146	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	Yes	\$600,000	Yes	Aligns with RFPG Goals
04100053	4	Sabine	Cole Creek Detention Ponds Study	Flood Protection Planning Study Cow Bayou & Adams Bayou Alternative	04000007, 04000012, 04000013, 04000014	Orange	12010005	120100051003, 120100051004, 120100051005	Lower Sabine	Project Planning	119	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	Yes	\$600,000	Yes	Aligns with RFPG Goals
04100054	4	Sabine	Cow Bayou Detention Ponds Study	Flood Protection Planning Study Cow Bayou & Adams Bayou Alternative	04000007, 04000012, 04000013, 04000014	Orange	12010005	120100051003, 120100051004, 120100051005	Lower Sabine	Project Planning	119	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	Yes	\$600,000	Yes	Aligns with RFPG Goals
04100055	4	Sabine	North Airport Retention Pond	Feasibility Study of North Airport Retention Pond	04000007	Greenville	12010001	120100010102, 120100010103	Upper Sabine	Project Planning	80	Riverine	Greenville	Greenville	Yes	\$640,000	Yes	Aligns with RFPG Goals
04100056	4	Sabine	Parker Creek Detention Pond	Feasibility Study of Parker Creek Detention Pond	04000007	Harrison	12010002	120100020703	Middle Sabine	Project Planning	47	Riverine	Marshall	Marshall	Yes	\$380,000	Yes	Aligns with RFPG Goals
04100057	4	Sabine	Terry Gully Detention Ponds Study	Flood Protection Planning Study Cow Bayou & Adams Bayou Alternative	04000007, 04000012, 04000013, 04000014	Orange	12010005	120100051004	Lower Sabine	Project Planning	40	Riverine	Orange County Drainage District	Orange County Drainage District	Yes	\$600,000	Yes	Aligns with RFPG Goals
04100058	4	Sabine	Gregg County Flood Hazard Mapping	Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.	04000012, 04000013, 04000014	Gregg	12010002	120100020402, 120100020403, 120100020404, 120100020405, 120100020501, 120100020502, 120100020503, 120100020504, 120100020505, 120100020506, 120100020601, 120100020602, 120100020603, 120100020606, 120100020608	Middle Sabine	Watershed Planning	274	Riverine	Gregg	Gregg	No	\$2,200,000	Yes	Aligns with RFPG Goals
04100059	4	Sabine	Hunt County Flood Hazard Mapping	Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.	04000012, 04000013, 04000014	Hunt	12010001, 12010003	120100010101, 120100010102, 120100010103, 120100010104, 120100010301, 120100010302, 120100010303, 120100010401, 120100010402, 120100010403, 120100010404, 120100010405, 120100010406, 120100010407, 120100030101, 120100030102	Upper Sabine, Lake Fork	Watershed Planning	879	Riverine	Hunt	Hunt	Yes	\$4,000,000	Yes	Aligns with RFPG Goals
04100060	4	Sabine	Jasper County Flood Hazard Mapping	Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.	04000007, 04000012, 04000013, 04000014	Jasper	12010005	120100050601, 120100050602, 120100050603, 120100050604, 120100050605, 120100050607, 120100050608, 120100050801, 120100050802, 120100050803, 120100050804, 120100050901, 120100050902, 120100050905, 120100051001, 120100051002, 120100051003	Lower Sabine	Watershed Planning	966	Riverine	Jasper	Jasper	Yes	\$700,000	Yes	Aligns with RFPG Goals
04100061	4	Sabine	Elevation of Feeder Road Bridge Along IH-10 at Cole Creek Feasibility Study	Elevation of Feeder Road Bridge Along IH-10 at Cole Creek Feasibility Study	04000007, 04000012, 04000013, 04000014	Orange	12010005	120100051003, 120100051004, 120100051005	Lower Sabine	Project Planning	119	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	Yes	\$500,000	Yes	Aligns with RFPG Goals
04100062	4	Sabine	Lawrence Road Detention Pond Feasibility Study	Lawrence Road Detention Pond Feasibility Study	04000007, 04000012, 04000013, 04000014	Orange	12010005	120100051003, 120100051004, 120100051005	Lower Sabine	Project Planning	119	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	Yes	\$400,000	Yes	Aligns with RFPG Goals

FME ID	RFPG No.	RFPG Name	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	Reason for Recommendation
041000063	4	Sabine	Diversion Channel Cow Bayou Feasibility Study	Diversion Channel Cow Bayou Feasibility Study	04000007, 04000012, 04000013, 04000014	Orange	12010005	120100051003, 120100051004, 120100051005	Lower Sabine	Project Planning	119	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	Yes	\$5,209,500	Yes	Aligns with RFPG Goals
041000064	4	Sabine	Bell Cutoff Low Water Crossing Study	Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000007, 04000008	Harrison	12010002	120100020703	Middle Sabine	Project Planning	12	Riverine	Marshall	Marshall	No	\$75,000	Yes	Aligns with RFPG Goals
041000065	4	Sabine	Happy Hallow Creek Erosion Protection Study	Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000007, 04000008	Harrison	12010002	120100020703, 120100020701	Middle Sabine	Project Planning	2	Riverine	Marshall	Marshall	No	\$75,000	Yes	Aligns with RFPG Goals
041000066	4	Sabine	Cox Creek Culvert Improvement Feasibility Study	Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000007, 04000008	Harrison	12010002	120100020703, 120100020701, 120100020702, 120100020704	Middle Sabine	Project Planning	6	Riverine	Marshall	Marshall	No	\$75,000	Yes	Aligns with RFPG Goals
041000067	4	Sabine	Cox Creek Drainage Basin Feasibility Study	Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000007, 04000008	Harrison	12010002	120100020703, 120100020701, 120100020702, 120100020704	Middle Sabine	Project Planning	6	Riverine	Marshall	Marshall	No	\$75,000	Yes	Aligns with RFPG Goals
041000068	4	Sabine	City of Marshall Drainage System Improvements Study	Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000007, 04000008	Harrison	12010002	120100020703, 120100020701	Middle Sabine	Project Planning	13	Riverine	Marshall	Marshall	No	\$100,000	Yes	Aligns with RFPG Goals
041000069	4	Sabine	East Parker Creek Detention Pond Feasibility Study	Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000007, 04000008	Harrison	12010002	120100020703, 120100020701	Middle Sabine	Project Planning	13	Riverine	Marshall	Marshall	No	\$75,000	Yes	Aligns with RFPG Goals
041000070	4	Sabine	Franklin St Underpass Improvement Study	Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000007, 04000008	Harrison	12010002	120100020703	Middle Sabine	Project Planning	3	Riverine	Marshall	Marshall	No	\$75,000	Yes	Aligns with RFPG Goals
041000071	4	Sabine	Happy Hallow Creek Conveyance Improvement Study	Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000007, 04000008	Harrison	12010002	120100020703, 120100020701	Middle Sabine	Project Planning	2	Riverine	Marshall	Marshall	No	\$75,000	Yes	Aligns with RFPG Goals
041000072	4	Sabine	Lower Happy Hollow Creek Detention Pond Feasibility Study	Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000007, 04000008	Harrison	12010002	120100020703, 120100020701	Middle Sabine	Project Planning	13	Riverine	Marshall	Marshall	No	\$75,000	Yes	Aligns with RFPG Goals

FME ID	RFPG No.	RFPG Name	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	Reason for Recommendation
041000073	4	Sabine	Parker Creek Maintenance Study	Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000007, 04000008	Harrison	12010002	120100020703, 120100020701	Middle Sabine	Project Planning	13	Riverine	Marshall	Marshall	No	\$10,000	Yes	Aligns with RFPG Goals
041000074	4	Sabine	Summit St Drainage Improvement Study	Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000007, 04000008	Harrison	12010002	120100020703	Middle Sabine	Project Planning	2	Riverine	Marshall	Marshall	No	\$75,000	Yes	Aligns with RFPG Goals
041000075	4	Sabine	Town Branch Creek Detention Pond Feasibility Study	Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000007, 04000008	Harrison	12010002	120100020703, 120100020701	Middle Sabine	Project Planning	13	Riverine	Marshall	Marshall	No	\$75,000	Yes	Aligns with RFPG Goals
041000076	4	Sabine	Turtle Creek Detention Pond Feasibility Study	Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000007, 04000008	Harrison	12010002	120100020703, 120100020701	Middle Sabine	Project Planning	13	Riverine	Marshall	Marshall	No	\$75,000	Yes	Aligns with RFPG Goals
041000077	4	Sabine	Turtle Creek Maintenance Study	Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000007, 04000008	Harrison	12010002	120100020703, 120100020701	Middle Sabine	Project Planning	7	Riverine	Marshall	Marshall	No	\$10,000	Yes	Aligns with RFPG Goals
041000078	4	Sabine	Upper Happy Hollow Creek Detention Pond Feasibility Study	Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000007, 04000008	Harrison	12010002	120100020703, 120100020701	Middle Sabine	Project Planning	13	Riverine	Marshall	Marshall	No	\$75,000	Yes	Aligns with RFPG Goals
041000079	4	Sabine	Van Zandt County Master Drainage Plan	Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000007, 04000008	Van Zandt	12010001	120100010407, 120100010503, 120100010501, 120100010502, 120100010504, 120100010601, 120100010507, 120100010603, 120100010608, 120100010605, 120100010607, 120100010505, 120100010405, 120100010604	Upper Sabine	Watershed Planning	856	Riverine	Van Zandt	Van Zandt	No	\$935,000	Yes	Aligns with RFPG Goals
041000080	4	Sabine	Smith County Drainage Capacity Upgrades	Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.	04000007, 04000008	Smith	12010001, 12010002	120100010603, 120100010608, 120100010607, 120100020105, 120100020101, 120100020106, 120100020107, 120100020501, 120100020301, 120100020302, 120100020303, 120100020403, 120100020404, 120100020405, 120100020502, 120100020102, 120100020104	Upper Sabine, Middle Sabine	Project Planning	946	Riverine	Smith	Smith	Yes	\$225,000	Yes	Aligns with RFPG Goals
041000081	4	Sabine	Rusk County Drainage Master Plan	Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000007, 04000008	Rusk	12010002	120100020501, 120100021004, 120100021005, 120100021006, 120100020506, 120100020502, 120100020503, 120100020601, 120100020603, 120100020604, 120100020605, 120100020606, 120100020608, 120100020801, 120100020803, 120100020901, 120100020804, 120100020802	Middle Sabine	Watershed Planning	935	Riverine	Rusk	Rusk	Yes	\$750,000	Yes	Aligns with RFPG Goals

FME ID	RFPG No.	RFPG Name	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	Reason for Recommendation
041000082	4	Sabine	Shelby County Drainage Master Plan	Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000007, 04000008	lby	12010002, 12010004	120100020501, 120100021004, 120100021005, 120100021006, 120100020506, 120100020502, 120100020503, 120100020601, 120100020603, 120100020604, 120100020605, 120100020606, 120100020608, 120100020801, 120100020803, 120100020901, 120100020804, 120100020802	Middle Sabine, Toledo Bend Reservoir	Watershed Planning	831	Riverine	Shelby	Shelby	No	\$150,000	Yes	Aligns with RFPG Goals
041000083	4	Sabine	Jasper County Drainage Master Plan	Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000007, 04000008	Jasper	12010005	120100050604, 120100050905, 120100050603, 120100050901, 120100050902, 120100051002, 120100051003, 120100050804, 120100050605, 120100050601, 120100050602, 120100051001, 120100050607, 120100050608, 120100050801, 120100050802, 120100050803	Lower Sabine	Watershed Planning	966	Riverine	Jasper	Jasper	Yes	\$280,000	Yes	Aligns with RFPG Goals
041000084	4	Sabine	Orange County Flood Hazard Mapping	Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.	04000011, 04000012	Orange	12010005	120100051005, 120100051004, 120100051100, 120100051003	Lower Sabine	Watershed Planning	371	Riverine, Coastal	Orange County	Orange County	Yes	\$1,500,000	Yes	Aligns with RFPG Goals
041000085	4	Sabine	Orange County Drainage Master Plan	Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000007, 04000008	Orange	12010005	120100051005, 120100051004, 120100051100, 120100051003	Lower Sabine	Watershed Planning	371	Riverine, Coastal	Orange County	Orange County	Yes	\$675,000	Yes	Aligns with RFPG Goals
041000086	4	Sabine	Kaufman County Flood Hazard Mapping	Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.	04000011, 04000012	Kaufman	12010001	120100010501, 120100010303, 120100010404, 120100010302, 120100010405	Upper Sabine	Watershed Planning	805	Riverine	Kaufman	Kaufman	No	\$3,500,000	Yes	Aligns with RFPG Goals
041000087	4	Sabine	Rockwall County Flood Hazard Mapping	Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.	04000011, 04000012	Rockwall	12010001	120100010301, 120100010302	Upper Sabine	Watershed Planning	148	Riverine	Rockwall	Rockwall	No	\$575,000	Yes	Aligns with RFPG Goals
041000088	4	Sabine	Collin County Flood Hazard Mapping	Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.	04000011, 04000012	Collin	12010001	120100010201, 120100010202, 120100010301, 120100010302	Upper Sabine	Watershed Planning	883	Riverine	Collin	Collin	No	\$3,750,000	Yes	Aligns with RFPG Goals
041000089	4	Sabine	Hunt County Countywide Drainage Study - Phase 2	Development of detailed hydraulic models for additional areas of high flood risk identified in Phase 1. Perform alternatives analysis and develop FMPs for second cycle of the State Flood Plan.	04000007, 04000008	Hunt	12010001, 12010003	120100010201, 120100010202, 120100010301, 120100010302	Upper Sabine, Lake Fork	Project Planning	1,254	Riverine	Hunt	Hunt	Yes	\$250,000	Yes	Aligns with RFPG Goals
041000090	4	Sabine	Lower Sabine FIF Phase 2	Development of detailed hydraulic models for additional areas of high flood risk identified in Phase 1. Perform alternatives analysis and develop FMPs for second cycle of the State Flood Plan.	04000007, 04000008	Orange, Jasper, Newton	12010004, 12010005	120100010201, 120100010202, 120100010301, 120100010302	Toledo Bend Reservoir, Lower Sabine	Project Planning	2,144	Riverine, Coastal	Sabine River Authority	Sabine River Authority	Yes	\$250,000	Yes	Aligns with RFPG Goals
041000091	4	Sabine	Upper Sabine FIF Phase 2	Development of detailed hydraulic models for additional areas of high flood risk identified in Phase 1. Perform alternatives analysis and develop FMPs for second cycle of the State Flood Plan.	04000007, 04000008	Gregg, Rusk	12010002	120100020501, 120100020506, 120100020502, 120100020503, 120100020601, 120100020504, 120100020505	Middle Sabine	Project Planning	249	Riverine	Sabine River Authority	Sabine River Authority	Yes	\$250,000	Yes	Aligns with RFPG Goals
041000092	4	Sabine	Collin County Retention Structures Rehabilitation Project	Collin County Retention Structures Rehabilitation Project	04000007, 04000008	Collin	12010001	120100010201, 120100010202, 120100010301, 120100010302	Upper Sabine	Project Planning	883	Riverine	Collin	Collin	No	\$30,000	Yes	Aligns with RFPG Goals
041000093	4	Sabine	Collin County Flooding Hazard/Vulnerability Assessment	Collin County flooding hazard/vulnerability assessment	04000007, 04000008	Collin	12010001	120100010201, 120100010202, 120100010301, 120100010302	Upper Sabine	Project Planning	883	Riverine	Collin	Collin	No	\$30,000	Yes	Aligns with RFPG Goals
041000094	4	Sabine	Collin County Dam Inundation Study	Collin County Dam Inundation Study	04000011, 04000012	Collin	12010001	120100010201, 120100010202, 120100010301, 120100010302	Upper Sabine	Other	883	Riverine	Collin	Collin	No	\$30,000	Yes	Aligns with RFPG Goals

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04100095	4	Sabine	City of Emory Drainage Master Plan	Development of detailed hydraulic models for areas of high flood risk. Perform alternatives analysis and develop FMPs for second cycle of the State Flood Plan.	04000007, 04000008	Rains, Hopkins	12010001, 12010003	120100010506, 120100010507, 120100030101, 120100030102, 120100030103, 120100030107, 120100030104	Upper Sabine, Lake Fork	Watershed Planning	30	Riverine	Emory	Emory	No	\$100,000	Yes	Aligns with RFPG Goals
04100096	4	Sabine	City of Emory Roadway Flood Evaluation	Development of detailed hydraulic models for areas of high flood risk. Perform alternatives analysis to evaluate roadway flooding throughout the city and Honeysuckle Lane, Quitman Street, Alexander Street, Wells Street, Skyline, and FM 515.	04000007, 04000008	Rains, Hopkins	12010001, 12010003	120100010506, 120100010507, 120100030101, 120100030102, 120100030103, 120100030107, 120100030104	Upper Sabine, Lake Fork	Project Planning	30	Riverine	Emory	Emory	No	\$100,000	Yes	Aligns with RFPG Goals
04100097	4	Sabine	Bighead Creek Flooding	Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.	04000007, 04000008	Gregg, Rusk	12010002	120100020503	Middle Sabine	Project Planning	2	Riverine	Kilgore	Kilgore	Yes	\$75,000	Yes	Aligns with RFPG Goals
04100098	4	Sabine	Guthrie Creek Corridor Flooding	Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
04100099	4	Sabine	Longview Underpass Flooding	Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
04100100	4	Sabine	Upper Wade Creek Flooding	Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
04100101	4	Sabine	Lower Wade Creek Flooding	Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
04100102	4	Sabine	Turkey Creek Tributary Neighborhood Flooding	Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.	04000007, 04000008	Gregg	12010002	120100020503	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	Yes	Aligns with RFPG Goals
04100103	4	Sabine	Elm Branch Flooding	Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
04100104	4	Sabine	Upper Turkey Creek Neighborhood Flooding	Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.	04000007, 04000008	Gregg, Rusk	12010002	120100020503	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	Yes	Aligns with RFPG Goals
04100105	4	Sabine	Tammy Lynn Drive Neighborhood Flooding	Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.	04000007, 04000008	Gregg	12010002	120100020504, 120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
04100106	4	Sabine	Upper Guthrie Creek Neighborhood Flooding	Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
04100107	4	Sabine	Harris Creek at US 80 Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
04100108	4	Sabine	Grace Creek Flooding at US 80	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
04100109	4	Sabine	Rabbit Creek at SH 42 Overtopping	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020502	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	Yes	Aligns with RFPG Goals

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041000110	4	Sabine	US 281 Underpass	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020506, 120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
041000111	4	Sabine	Judson Road Neighborhood Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	Yes	\$75,000	Yes	Aligns with RFPG Goals
041000112	4	Sabine	SH 135 Underpass Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020502	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	Yes	Aligns with RFPG Goals
041000113	4	Sabine	Drake Blvd Neighborhood Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
041000114	4	Sabine	HG Mosely Roadway Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
041000115	4	Sabine	Eden Drive Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
041000116	4	Sabine	Coushatta Hills Creek Neighborhood Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
041000117	4	Sabine	Grace Creek at Loop 281 Overtopping (South)	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020506, 120100020505	Middle Sabine	Project Planning	1	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
041000118	4	Sabine	Whispering Pines Roadway Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
041000119	4	Sabine	Eastman Road Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020601	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
041000120	4	Sabine	Florence Street Neighborhood Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Rusk	12010002	120100020503	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	Yes	Aligns with RFPG Goals
041000121	4	Sabine	Grace Creek at Freemont Street Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals

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041000122	4	Sabine	Secretariat Trail Neighborhood Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
041000123	4	Sabine	Lorraine Court Neighborhood Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
041000124	4	Sabine	Rabbit Creek at SH 31 Overtopping	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020506, 120100020502	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	Yes	Aligns with RFPG Goals
041000125	4	Sabine	US 259 and Remington Neighborhood Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Rusk	12010002	120100020503	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	Yes	Aligns with RFPG Goals
041000126	4	Sabine	Harris Creek Local Road Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
041000127	4	Sabine	Harley Ridge Road Flooding (South)	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020504	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
041000128	4	Sabine	French Drive Neighborhood Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020504	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
041000129	4	Sabine	Middle Guthrie Creek Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
041000130	4	Sabine	Upper Iron Bridge Creek Neighborhood Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020601, 120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
041000131	4	Sabine	Lakeport Neighborhood Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020601	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
041000132	4	Sabine	Oak Creek Tributary Neighborhood Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
041000133	4	Sabine	S Whatley Road Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020504	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals

FME ID	RFPG No.	RFPG Name	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	Reason for Recommendation
041000134	4	Sabine	Grace Creek at Highway 31 Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
041000135	4	Sabine	Rockwall Drive Neighborhood Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
041000136	4	Sabine	Sabine Street and Railroad Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
041000137	4	Sabine	Hawkins Creek Tributary Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020504	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
041000138	4	Sabine	Coleman Drive Neighborhood Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
041000139	4	Sabine	Rabbit Creek at SH 135 Overtopping	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020502	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	Yes	Aligns with RFPG Goals
041000140	4	Sabine	Grace Creek at HG Mosley Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
041000141	4	Sabine	Grace Creek at Loop 281 Flooding (North)	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
041000142	4	Sabine	Circle Road Neighborhood Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Harrison	12010002	120100020601	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
041000143	4	Sabine	N Whatley Road Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020504	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
041000144	4	Sabine	Meadowbrook Neighborhood Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Rusk	12010002	120100020501	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	Yes	Aligns with RFPG Goals
041000145	4	Sabine	Hill Street Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals

FME ID	RFPG No.	RFPG Name	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	Reason for Recommendation
041000146	4	Sabine	Rabbit Creek at SH Fairmont Street Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020502	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	Yes	Aligns with RFPG Goals
041000147	4	Sabine	Lynnwood Street Neighborhood Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
041000148	4	Sabine	Harley Ridge Overtopping (North)	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020504	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
041000149	4	Sabine	Rolling Meadows Neighborhood Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020506	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	Yes	Aligns with RFPG Goals
041000150	4	Sabine	Lake Lamond	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	1	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
041000151	4	Sabine	Evergreen Street Overtopping	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
041000152	4	Sabine	Higginbotham Road Neighborhood Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020503	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	Yes	Aligns with RFPG Goals
041000153	4	Sabine	Meadowview Road Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020504	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
041000154	4	Sabine	White Street Neighborhood Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg, Rusk	12010002	120100020503	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	Yes	Aligns with RFPG Goals
041000155	4	Sabine	Airline Road Overtopping	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
041000156	4	Sabine	Patio Street Neighborhood Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
041000157	4	Sabine	Old Gladewater Highway Overtopping	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020502	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	Yes	Aligns with RFPG Goals

FME ID	RFPG No.	RFPG Name	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	Reason for Recommendation
041000158	4	Sabine	Ray Creek at Pillar Precise Rd Overtopping	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
041000159	4	Sabine	Cassidy Lane Overtopping	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Rusk	12010002	120100020506	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	Yes	Aligns with RFPG Goals
041000160	4	Sabine	County Road 1114 Overtopping	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Rusk	12010002	120100020501, 120100020502	Middle Sabine	Project Planning	0	Riverine	Rusk	Rusk	No	\$75,000	Yes	Aligns with RFPG Goals
041000161	4	Sabine	Mitchell Lake Outfall	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020601	Middle Sabine	Project Planning	0	Riverine	Lakeport	Lakeport	No	\$75,000	Yes	Aligns with RFPG Goals
041000162	4	Sabine	County Road 1115 Overtopping	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Rusk	12010002	120100020502	Middle Sabine	Project Planning	0	Riverine	Rusk	Rusk	No	\$75,000	Yes	Aligns with RFPG Goals
041000163	4	Sabine	County Road 138 Overtopping	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Rusk	12010002	120100020501	Middle Sabine	Project Planning	0	Riverine	Rusk	Rusk	No	\$75,000	Yes	Aligns with RFPG Goals
041000164	4	Sabine	County Road 1110 Overtopping	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Rusk	12010002	120100020501	Middle Sabine	Project Planning	0	Riverine	Rusk	Rusk	No	\$75,000	Yes	Aligns with RFPG Goals
041000165	4	Sabine	Grace Creek at Hawkins Pkwy Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
041000166	4	Sabine	FM 3053/1639 Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Rusk	12010002	120100020501	Middle Sabine	Project Planning	1	Riverine	Kilgore	Kilgore	No	\$75,000	Yes	Aligns with RFPG Goals
041000167	4	Sabine	McCann Creek Road Overtopping	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	Yes	Aligns with RFPG Goals
041000168	4	Sabine	Meadows Lane Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020506	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	Yes	Aligns with RFPG Goals
041000169	4	Sabine	McKay Street Overtopping	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Rusk	12010002	120100020501	Middle Sabine	Project Planning	0	Riverine	Overton	Overton	No	\$75,000	Yes	Aligns with RFPG Goals

FME ID	RFPG No.	RFPG Name	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	Reason for Recommendation
041000170	4	Sabine	FM 3053 Overtopping	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Rusk	12010002	120100020501	Middle Sabine	Project Planning	0	Riverine	Rusk	Rusk	No	\$75,000	Yes	Aligns with RFPG Goals
041000171	4	Sabine	Hawkins Creek at George Richey Road Overtopping	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020504	Middle Sabine	Project Planning	0	Riverine	White Oak	White Oak	No	\$75,000	Yes	Aligns with RFPG Goals
041000172	4	Sabine	Denman Road Overtopping	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Smith	12010002	120100020501	Middle Sabine	Project Planning	0	Riverine	Smith	Smith	No	\$75,000	#REF!	#REF!
041000174	4	Sabine	County Road 146 Overtopping	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Rusk	12010002	120100020501	Middle Sabine	Project Planning	0	Riverine	Rusk	Rusk	No	\$75,000	Yes	Aligns with RFPG Goals
041000175	4	Sabine	Rabbit Creek at Spinks Chapman Overtopping	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020506	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	Yes	Aligns with RFPG Goals
041000176	4	Sabine	Jamestown Road Overtopping	_15	04000007, 04000008	Smith	12010002	120100020501	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	Yes	Aligns with RFPG Goals
041000177	4	Sabine	Bighead Creek at US 259 Flooding	Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	04000007, 04000008	Gregg	12010002	120100020502, 120100020503	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	Yes	Aligns with RFPG Goals

Table 16: Recommended Flood Mitigation Projects Identified by RFPG

FMP ID	RFPG No.	RFPG Name	FMP Name	Description	Associated Goals (ID)	Counties	HUC12s	Watershed Name	Project Type	Project Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight
043000001	4	Sabine	Terry Gully Regional Detention Pond 1	Proposed detention pond for flood mitigation	04000007, 04000008	Orange	120100051004, 120100051003	Lower Sabine	Detention Pond	16	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District
043000002	4	Sabine	Terry Gully Regional Detention Pond 2	Proposed detention pond for flood mitigation	04000007, 04000008	Orange	120100051004, 120100051003	Lower Sabine	Detention Pond	16	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District
043000003	4	Sabine	Terry Gully Regional Detention Pond 3	Proposed detention pond for flood mitigation	04000007, 04000008	Orange	120100051004, 120100051003	Lower Sabine	Detention Pond	16	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District
043000004	4	Sabine	Terry Gully Regional Detention Pond 4	Proposed detention pond for flood mitigation	04000007, 04000008	Orange	120100051004, 120100051003	Lower Sabine	Detention Pond	16	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District
043000005	4	Sabine	Claiborne Park Regional Detention Pond	Proposed detention pond for flood mitigation	04000003, 04000007, 04000008	Orange	120100051005, 120100051004, 120100051100, 120100051002, 120100051003	Lower Sabine	Detention Pond	63	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District
043000006	4	Sabine	Kinard Estates Drainage Improvements	Proposed detention pond and local drainage improvements for flood mitigation	04000003, 04000007, 04000008	Orange	120100051100	Lower Sabine	Detention Pond	12	Riverine, Coastal	Orange County	Orange County
043000007	4	Sabine	Elevation of Feeder Road Along IH-10 at Cole Creek	Proposed roadway improvements for access to IH10 during flood events	04000007, 04000008	Orange	120100051004	Lower Sabine	LWC Upgrade	0	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District
043000008	4	Sabine	Lawrence Road Detention Pond	Expansion of existing detention pond	04000003, 04000007, 04000008	Orange	120100051005, 120100051004, 120100051100, 120100051002, 120100051003	Lower Sabine	Detention Pond	63	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District
043000009	4	Sabine	Upper Cow Detention Pond	Proposed detention pond for flood mitigation	04000003, 04000007, 04000008	Orange	120100051005, 120100051004, 120100051100, 120100051002, 120100051003	Lower Sabine	Detention Pond	63	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District
043000010	4	Sabine	Upper Adams Detention Pond	Proposed detention pond for flood mitigation	04000007, 04000008	Orange	120100051004, 120100051100, 120100051003	Lower Sabine	Detention Pond	6	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District
043000011	4	Sabine	Cole Creek Detention Pond	Proposed detention pond for flood mitigation	04000003, 04000007, 04000008	Orange	120100051005, 120100051004, 120100051100, 120100051002, 120100051003	Lower Sabine	Detention Pond	47	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District

FMP ID	Emergency Need	Estimated Project Cost (\$)	Potential Funding Sources and Amount	Cost/ Structure removed	Percent Nature-based Solution (by cost)	Negative Impact	Negative Impact Mitigation	Social Vulnerability Index	Water Supply Benefit	Benefit-Cost Ratio	RFPG Recommendation	Reason for Recommendation
043000001	No	\$46,397,775	None	\$125,774	Residual Risk includes remaining structures exposed to coastal flood hazard.	None	N/A	0.283	None	0.3	Yes	Aligns with RFPG Goals
043000002	No	\$13,859,613	None	\$228,882	Residual Risk includes remaining structures exposed to coastal flood hazard.	None	N/A	0.283	None	0.2	Yes	Aligns with RFPG Goals
043000003	No	\$93,350,287	None	\$1,084,841	Residual Risk includes remaining structures exposed to coastal flood hazard.	None	N/A	0.283	None	0.1	Yes	Aligns with RFPG Goals
043000004	No	\$60,463,723	None	\$1,244,054	Residual Risk includes remaining structures exposed to coastal flood hazard.	None	N/A	0.283	None	0.1	Yes	Aligns with RFPG Goals
043000005	Yes	\$133,851,861	None	\$2,053,282	Residual Risk includes remaining structures exposed to coastal flood hazard.	None	N/A	0.334	None	0.2	Yes	Aligns with RFPG Goals
043000006	Yes	\$96,833,693	None	\$863,619	Residual Risk includes remaining structures exposed to coastal flood hazard.	None	N/A	0.305	None	0.1	Yes	Aligns with RFPG Goals
043000007	No	\$986,215	None	\$0	Residual Risk includes remaining road length exposed to flood hazard	None	N/A	0.178	None	0.1	Yes	Aligns with RFPG Goals
043000008	Yes	\$29,215,062	None	\$0	Residual Risk includes remaining structures exposed to coastal flood hazard.	None	N/A	0.334	None	0.3	Yes	Aligns with RFPG Goals
043000009	Yes	\$172,241,395	None	\$1,233,509	Residual Risk includes remaining structures exposed to coastal flood hazard.	None	N/A	0.334	None	0.3	Yes	Aligns with RFPG Goals
043000010	No	\$19,561,929	None	\$409,199	Residual Risk includes remaining structures exposed to coastal flood hazard.	None	N/A	0.293	None	0.3	Yes	Aligns with RFPG Goals
043000011	Yes	\$41,147,927	None	\$106,517	Residual Risk includes remaining structures exposed to coastal flood hazard.	None	N/A	0.361	None	0.2	Yes	Aligns with RFPG Goals

FMP ID	RFPG No.	RFPG Name	FMP Name	Description	Associated Goals (ID)	Counties	HUC12s	Watershed Name	Project Type	Project Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight
043000012	4	Sabine	CR-2400 Drainage Improvements	Two proposed bridge installations over creek crossing on County Road 2400 to reduce roadway overtopping during storm events. Includes some creek channel grading improvements.	04000007, 04000008	Hunt	120100010303, 120100010302	Upper Sabine	LWC Upgrade	2	Riverine, Coastal	Hunt	Hunt
043000013	4	Sabine	CR-2706 Drainage Improvements	Two proposed bridge installations over creek crossing on Count Road 2706 to reduce roadway overtopping during storm events. A bridge class culvert, trapezoidal channel, and creek channel grading are also proposed.	04000001, 04000007, 04000008	Hunt	120100010201, 120100010202	Upper Sabine	LWC Upgrade	2	Riverine, Coastal	Hunt	Hunt
043000014	4	Sabine	CR-3101 Drainage Improvements	Two proposed bridge installations over nearby creek crossings on County Road 3101 to reduce roadway overtopping during storm events. Includes some creek channel grading improvements.	04000001, 04000007, 04000008	Hunt	120100010103	Upper Sabine	LWC Upgrade	1	Riverine, Coastal	Hunt	Hunt
043000015	4	Sabine	CR-4105 Drainage Improvements	Proposed bridge installation over creek crossing on County Road 4105 to reduce roadway overtopping during storm events. Includes side ditch grading improvements.	04000001, 04000007, 04000008	Hunt	120100010103, 120100010102	Upper Sabine	LWC Upgrade	1	Riverine, Coastal	Hunt	Hunt
043000016	4	Sabine	CR-4106 Drainage Improvements	Two proposed bridge installations over creek crossing on Count Road 4106 to reduce roadway overtopping during storm events. Includes some creek channel grading improvements directly under the proposed bridges.	04000001, 04000007, 04000008	Hunt	120100010103, 120100010104	Upper Sabine	LWC Upgrade	1	Riverine, Coastal	Hunt	Hunt
043000017	4	Sabine	Orange County Coastal Storm Risk Management Project	Program comprised of improvements and construction of new infrastructure currently being implemented to reduce the risk of storm surge impacts in Orange, Jefferson, and Brazoria Counties in Texas.	04000003, 04000007	Orange, Newton	120100051005, 120100051004, 120100051100, 120100051003	Lower Sabine	Flood Walls and Levees	265	Riverine	Orange County Drainage District	Orange County Drainage District
043000018	4	Sabine	Kilgore Downtown Storm Sewer Master Plan Improvements	Downtown Storm Sewer Improvements	04000007	Gregg	120100020502, 120100020503	Middle Sabine	Storm Drain	1	Riverine, Coastal	Kilgore	Kilgore

FMP ID	Emergency Need	Estimated Project Cost (\$)	Potential Funding Sources and Amount	Cost/ Structure removed	Percent Nature-based Solution (by cost)	Negative Impact	Negative Impact Mitigation	Social Vulnerability Index	Water Supply Benefit	Benefit-Cost Ratio	RFPG Recommendation	Reason for Recommendation
043000012	No	\$14,437,130	None	\$0	Residual Risk includes remaining road length exposed to flood hazard	None	N/A	0.184	None	0.7	Yes	Aligns with RFPG Goals
043000013	No	\$9,125,858	None	\$0	Residual Risk includes remaining road length exposed to flood hazard	None	N/A	0.258	None	0.8	Yes	Aligns with RFPG Goals
043000014	No	\$9,217,492	None	\$0	Residual Risk includes remaining road length exposed to flood hazard	None	N/A	0.341	None	0.4	Yes	Aligns with RFPG Goals
043000015	No	\$4,284,973	None	\$0	Residual Risk includes remaining road length exposed to flood hazard	None	N/A	0.516	None	0.3	Yes	Aligns with RFPG Goals
043000016	No	\$3,344,199	None	\$0	Residual Risk includes remaining road length exposed to flood hazard	None	N/A	0.391	None	0.5	Yes	Aligns with RFPG Goals
043000017	Yes	\$2,270,099,968	Federal Funds (Long Term Disaster Recovery Investment Plan), Local	\$1,477,132	Residual Risk includes remaining structures exposed to coastal flood hazard.	None	N/A	0.806	None	1.6	Yes	Aligns with RFPG Goals
043000018	No	\$2,238,252	None	\$0	Residual Risk includes remaining road length exposed to flood hazard	None	N/A	0.962	None	0.01	Yes	Aligns with RFPG Goals

FMP ID	RFPG No.	RFPG Name	FMP Name	Description	Associated Goals (ID)	Counties	HUC12s	Watershed Name	Project Type	Project Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight
043000020	4	Sabine	Parker Creek Maintenance	Remove debris and clear channel South of Hwy 59 to Five Notch Rd	04000007, 04000008	Harrison	120100020703, 120100020701	Middle Sabine	Channel	13	Riverine, Coastal	Marshall	Marshall
043000021	4	Sabine	Turtle Creek Maintenance	Remove debris and clear channel West of Hwy 59	04000007, 04000008	Harrison	120100020703, 120100020701	Middle Sabine	Channel	13	Riverine, Coastal	Marshall	Marshall
043000022	4	Sabine	Upper Happy Hollow Drainage Improvement - City Park	Improve Drainage Walls - Carter thru City Park	04000007, 04000008	Harrison	120100020703, 120100020701	Middle Sabine	Channel	13	Riverine, Coastal	Marshall	Marshall
043000023	4	Sabine	Parker Creek Detention Pond	Detention pond by UPRR	04000007, 04000008	Harrison	120100020703, 120100020701	Middle Sabine	Detention Pond	13	Riverine, Coastal	Marshall	Marshall
043000024	4	Sabine	Upper Happy Hollow Drainage Improvement - Smith Park	Drainage improvement through Smith Park	04000007, 04000008	Harrison	120100020703, 120100020701	Middle Sabine	Channel	13	Riverine, Coastal	Marshall	Marshall
043000025	4	Sabine	Parker Creek Improvements	Improvements through downtown	04000007, 04000008	Harrison	120100020703, 120100020701	Middle Sabine	Channel	13	Riverine, Coastal	Marshall	Marshall
043000026	4	Sabine	City of Longview Property Acquisition	Implementation of program to purchase properties and repetitive loss homes in floodplain areas to reserve them from development.	04000003, 04000005, 04000006	Gregg	120100020506, 120100020601, 120100020504, 120100020505	Middle Sabine	Property Acquisition	94	Riverine, Coastal	Longview	Longview
043000027	4	Sabine	City of Kilgore Property Acquisition	Implementation of program to purchase properties and repetitive loss homes in floodplain areas to reserve them from development.	04000003, 04000005, 04000006	Gregg, Rusk	120100020501, 120100020506, 120100020502, 120100020503, 120100020601	Middle Sabine	Property Acquisition	155	Riverine, Coastal	Kilgore	Kilgore
043000029	4	Sabine	Orange County Property Acquisition	Acquire flood prone/repetitive loss properties and convert to open space, parks, boating access, trails, agricultural projects, and/or as a general community asset.	04000003, 04000005, 04000006	Orange	120100051005, 120100051004, 120100051100, 120100051003	Lower Sabine	Property Acquisition	371	Riverine, Coastal	Orange County	Orange County
043000030	4	Sabine	Orange County Elevation of Residential Structures Program	Elevations of homes within Floodplains throughout County.	04000003, 04000005, 04000006	Orange	120100051005, 120100051004, 120100051100, 120100051003	Lower Sabine	Property Elevation	371	Riverine, Coastal	Orange County	Orange County
043000031	4	Sabine	Bighead Creek Flooding - Roadway Improvements to Stone Road	Proposed drainage improvements near Bighead Creek	04000001, 04000003, 04000007, 04000008	Rusk	120100020501, 120100020506, 120100020502, 120100020503, 120100020601	Middle Sabine	LWC Upgrade	155	Riverine, Coastal	Kilgore	Kilgore

FMP ID	Emergency Need	Estimated Project Cost (\$)	Potential Funding Sources and Amount	Cost/ Structure removed	Percent Nature-based Solution (by cost)	Negative Impact	Negative Impact Mitigation	Social Vulnerability Index	Water Supply Benefit	Benefit-Cost Ratio	RFPG Recommendation	Reason for Recommendation
043000020	No	\$258,023	None	\$0	Residual Risk includes remaining structures exposed to coastal flood hazard.	None	N/A	0.674	None	0.1	Yes	Aligns with RFPG Goals
043000021	No	\$504,464	None	\$0	Residual Risk includes remaining structures exposed to coastal flood hazard.	None	N/A	0.674	None	0	Yes	Aligns with RFPG Goals
043000022	No	\$981,076	None	\$0	Residual Risk includes remaining structures exposed to coastal flood hazard.	None	N/A	0.674	None	0	Yes	Aligns with RFPG Goals
043000023	No	\$5,047,893	None	\$0	Residual Risk includes remaining structures exposed to coastal flood hazard.	None	N/A	0.674	None	0.1	Yes	Aligns with RFPG Goals
043000024	No	\$491,866	None	\$76,178	Residual Risk includes remaining structures exposed to coastal flood hazard.	None	N/A	0.674	None	0.1	Yes	Aligns with RFPG Goals
043000025	No	\$19,010,117	None	\$81,180	Residual Risk includes remaining structures exposed to coastal flood hazard.	None	N/A	0.674	None	0.1	Yes	Aligns with RFPG Goals
043000026	Yes	\$10,000,000	None	\$189,957	Residual Risk includes remaining structures exposed to coastal flood hazard.	None	N/A	0.672	None	0.6	Yes	Aligns with RFPG Goals
043000027	Yes	\$56,159,648	None	\$292,508	Residual Risk includes remaining structures exposed to coastal flood hazard.	None	N/A	0.590	None	3.2	Yes	Aligns with RFPG Goals
043000029	Yes	\$10,000,000	None	\$0	Residual Risk includes remaining structures exposed to coastal flood hazard.	None	N/A	0.432	None	1	Yes	Aligns with RFPG Goals
043000030	Yes	\$10,000,000	None	\$0	Residual Risk includes remaining structures exposed to coastal flood hazard.	None	N/A	0.432	None	1	Yes	Aligns with RFPG Goals
043000031	Yes	\$57,548,151	None	\$0	Residual Risk includes remaining road length exposed to flood hazard	None	N/A	0.590	None	0.17	Yes	Aligns with RFPG Goals

FMP ID	RFPG No.	RFPG Name	FMP Name	Description	Associated Goals (ID)	Counties	HUC12s	Watershed Name	Project Type	Project Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight
043000032	4	Sabine	Harris Creek Tributary Flooding	Proposed drainage improvements near Harris Creek	04000003, 04000007, 04000008	Gregg	120100020506, 120100020601, 120100020504, 120100020505	Middle Sabine	Channel	94	Riverine, Coastal	Longview	Longview
043000033	4	Sabine	Iron Bridge Creek Neighborhood Flooding	Proposed drainage improvements near Iron Bridge Creek	04000003, 04000007, 04000008	Gregg	120100020506, 120100020601, 120100020504, 120100020505	Middle Sabine	Detention Pond	94	Riverine, Coastal	Longview	Longview
043000034	4	Sabine	CR-342 Drainage Improvements	Proposed bridge installation over creek crossing on County Road 342 to reduce roadway overtopping during storm events.	04000001, 04000007, 04000008	Kaufman	120100010405	Upper Sabine	LWC Upgrade	0	Riverine, Coastal	Kaufman	Kaufman
043000035	4	Sabine	Sabine Flood Measurement Gages	Install flood measurement gages regionwide	04000003, 04000015, 04000016	Regionwide	120100010301	Regionwide	Flood Measurement and Warning	4,760	Riverine, Coastal	Sabine River Authority	Sabine River Authority

FMP ID	Emergency Need	Estimated Project Cost (\$)	Potential Funding Sources and Amount	Cost/ Structure removed	Percent Nature-based Solution (by cost)	Negative Impact	Negative Impact Mitigation	Social Vulnerability Index	Water Supply Benefit	Benefit-Cost Ratio	RFPG Recommendation	Reason for Recommendation
043000032	Yes	\$53,892,341	None	\$0	Residual Risk includes remaining structures exposed to coastal flood hazard.	None	N/A	0.591	None	0.01	Yes	Aligns with RFPG Goals
043000033	Yes	\$25,270,808	None	\$0	Residual Risk includes remaining structures exposed to coastal flood hazard.	None	N/A	0.591	None	0.01	Yes	Aligns with RFPG Goals
043000034	No	\$2,141,682	None	\$0	Residual Risk includes remaining road length exposed to flood hazard	None	N/A	0.436	None	0.9	Yes	Aligns with RFPG Goals
043000035	Yes	\$737,148	None	\$0	No change in risk exposure.	None	N/A	0.540	None	1	Yes	Aligns with RFPG Goals

Table 17: Recommended Flood Management Strategies Identified by RFPG

FMS ID	RFPG No.	RFPG Name	FMS Name	Description	Associated Goals (ID)	Counties	HUC8s	HUC12s	Watershed Name	Project Type	Strategy Project Area (sqmi)	Flood Risk Type
042000001	4	Sabine	Orange County Drainage District Design Criteria	Update Design Criteria	04000009, 04000018, 04000019	Orange	12010005	120100051100, 120100051003, 120100051004,	Lower Sabine	Regulatory and Guidance	371	Riverine, Coastal
042000002	4	Sabine	Orange County Property Acquisition	Administer program to acquire flood prone/repetitive loss properties and convert to open space, parks, boating access, trails, agricultural projects, and/or as a general community asset.	04000005	Orange	12010005	120100051100, 120100051003, 120100051004, 120100051005	Lower Sabine	Property Acquisition and Structural Elevation	371	Riverine, Coastal
042000003	4	Sabine	Orange County Drainage District Flood Warning System	Improvement of existing flood warning system	04000015	Orange	12010005	120100051100, 120100051003, 120100051004,	Lower Sabine	Flood Measurement and Warning	371	Riverine, Coastal
042000004	4	Sabine	Orange County Detention Ponds Throughout County	Series of detention ponds to prevent flooding along IH-10, Hwy 12, Hwy 62, and Hwy 87 – the County’s evacuation routes.	04000007	Orange	12010005	120100051005, 120100051004, 120100051100, 120100051003	Lower Sabine	Infrastructure Projects	371	Riverine, Coastal
042000005	4	Sabine	Van Zandt County Wide Floodplain Development Regulations	Incorporate higher standards for flood hazard resiliency in local application of the building code.	04000009, 04000018	Van Zandt	12010001	120100010407, 120100010503, 120100010501, 120100010502, 120100010504, 120100010601, 120100010507,	Upper Sabine	Regulatory and Guidance	856	Riverine
042000006	4	Sabine	Rockwall Countywide Flood Awareness Program	Develop a public education and awareness website to educate and inform Rockwall County residents/businesses about the natural hazards and the potential ways to mitigate them and the ecological and societal benefits of flooding	04000009	Rockwall	12010001	120100010301, 120100010302	Upper Sabine	Education and Outreach	148	Riverine
042000008	4	Sabine	Orange County Emergency Response Staging Area	Staging Area and “lily pads” for use during disaster events.	04000011	Orange	12010005	120100051005, 120100051004, 120100051100, 120100051003	Lower Sabine	Other	371	Riverine, Coastal
042000009	4	Sabine	Orange County Elevation of Residential Structures Program	Program to elevation of homes within Floodplains throughout County.	04000005	Orange	12010005	120100051005, 120100051004, 120100051100, 120100051003	Lower Sabine	Property Acquisition and Structural Elevation	371	Riverine, Coastal
042000010	4	Sabine	Orange County Drainage District Additional Gages And Warning Systems	Incorporation of additional rain gauges and flood sensors throughout jurisdiction.	04000015	Orange	12010005	120100051003, 120100051004, 120100051005, 120100051100	Lower Sabine	Flood Measurement and Warning	371	Riverine, Coastal
042000011	4	Sabine	City of Edgewood Emergency Siren Program	Purchase and install outdoor warning sirens.	04000015	Van Zandt	12010001	120100010502, 120100010504	Upper Sabine	Flood Measurement and Warning	1	Riverine

Table 17: Recommended Flood Management Strategies Identified by RFPG

FMS ID	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Nonrecurring, Noncapital Cost (\$)	Estimated Project Cost (\$)	Potential Funding Sources and Amount	Cost/Structure removed	Consideration of Nature-based Solution	Negative Impact	Negative Impact Mitigation	Water Supply Benefit	RFPG Recommendation	Reason for Recommendation
042000001	Orange County	Orange County	Yes	\$50,000	\$50,000	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000002	Orange County	Orange County	Yes	\$10,000	\$100,000	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000003	Orange County Drainage District	Orange County Drainage District	Yes	\$150,000	\$150,000	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000004	Orange County Drainage District	Orange County Drainage District	Yes	\$500,000	\$44,000,000	Yes	\$0	Yes	No	N/A	None	Yes	Aligns with RFPG Goals
042000005	Van Zandt	Van Zandt	No	\$10,000	\$10,000	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000006	Rockwall	Rockwall	No	\$2,775	\$2,775	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000008	Orange County Drainage District	Orange County Drainage District	Yes	\$10,000	\$10,000	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000009	Orange County Drainage District	Orange County Drainage District	Yes	\$50,000	\$50,000	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000010	Orange County Drainage District	Orange County Drainage District	Yes	\$100,000	\$200,000	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000011	Edgewood	Edgewood	No	\$0	\$10,000	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals

FMS ID	RFPG No.	RFPG Name	FMS Name	Description	Associated Goals (ID)	Counties	HUC8s	HUC12s	Watershed Name	Project Type	Strategy Project Area (sqmi)	Flood Risk Type
042000012	4	Sabine	City of Edgewood Flood Infrastructure Maintenance	Adopt and implement a program for clearing debris from bridges, drains, and culverts	04000011	Van Zandt	12020001	120100010502, 120100010504	Upper Sabine	Other	1	Riverine
042000013	4	Sabine	City of Greenville NFIP Participation	Increase NFIP Participation. Greenville participates in the NFIP program and needs to strongly encourage through education additional residents and businesses to purchase and maintain flood insurance.	04000009, 04000018	Hunt	12010001	120100010103, 120100010102, 120100010204, 120100010401	Upper Sabine	Regulatory and Guidance	33	Riverine
042000014	4	Sabine	City of Fruitvale "StormReady" Program	Obtain certification in the National Weather Service StormReady Program.	04000009, 04000018	Van Zandt	12010001	120100010504, 120100010601	Upper Sabine	Regulatory and Guidance	2	Riverine
042000015	4	Sabine	City of Fruitvale Flood Emergency Notification System	Implement and enhance an area-wide telephone Emergency Notification System ("Reverse 911").	04000015, 04000009	Van Zandt	12010001	120100010504, 120100010601	Upper Sabine	Flood Measurement and Warning	2	Riverine
042000016	4	Sabine	City of Van "StormReady" Program	Obtain certification in the National Weather Service StormReady Program.	04000009, 04000018	Van Zandt	12010001	120100010608, 120100010607	Upper Sabine	Regulatory and Guidance	3	Riverine
042000017	4	Sabine	City of Van Flood Infrastructure Maintenance	Adopt and implement a program for clearing debris from bridges, drains and culverts.	04000011	Van Zandt	12010001	120100010608, 120100010607	Upper Sabine	Other	3	Riverine
042000018	4	Sabine	City of Grand Saline "StormReady" Program	Obtain certification in the National Weather Service StormReady Program.	04000009, 04000018	Van Zandt	12010001	120100010601, 120100010605	Upper Sabine	Regulatory and Guidance	2	Riverine
042000019	4	Sabine	City of Grand Saline Flood Infrastructure Maintenance	Adopt and implement a program for clearing debris from bridges, drains, and culverts	04000011	Van Zandt	12010001	120100010601,	Upper Sabine	Other	2	Riverine
042000020	4	Sabine	City of Wills Point "StormReady" Program	Obtain certification in the National Weather Service StormReady Program.	04000009, 04000018	Van Zandt	12010001	120100010501, 120100010502	Upper Sabine	Regulatory and Guidance	4	Riverine
042000021	4	Sabine	City of Wills Point Flood Emergency Notification System	Implement and enhance an area-wide telephone Emergency Notification System ("Reverse 911").	04000015, 04000009	Van Zandt	12010001	120100010501, 120100010502	Upper Sabine	Flood Measurement and Warning	4	Riverine
042000022	4	Sabine	City of Wills Point Flood Infrastructure Maintenance	Adopt and implement a program for clearing debris from bridges, drains and culverts.	04000011	Van Zandt	12010001	120100010501, 120100010502	Upper Sabine	Other	4	Riverine
042000023	4	Sabine	City of Wills Point Flood Awareness Program	Educate community on the dangers of low water crossings through the installation of warning signs and promotion of "Turn Around, Don't Drown" Program.	04000009, 04000017	Van Zandt	12010001	120100010501, 120100010502	Upper Sabine	Education and Outreach	4	Riverine

FMS ID	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Nonrecurring, Noncapital Cost (\$)	Estimated Project Cost (\$)	Potential Funding Sources and Amount	Cost/ Structure removed	Consideration of Nature-based Solution	Negative Impact	Negative Impact Mitigation	Water Supply Benefit	RFPG Recommendation	Reason for Recommendation
042000012	Edgewood	Edgewood	No	\$100,000	\$100,000	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000013	Greenville	Greenville	No	\$10,000	\$10,000	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000014	Fruitvale	Fruitvale	No	\$10,000	\$10,000	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000015	Fruitvale	Fruitvale	No	\$10,000	\$10,000	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000016	Van	Van	No	\$10,000	\$10,000	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000017	Van	Van	No	\$50,000	\$50,000	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000018	Grand Saline	Grand Saline	No	\$10,000	\$10,000	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000019	Grand Saline	Grand Saline	No	\$100,000	\$100,000	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000020	Wills Point	Wills Point	No	\$10,000	\$10,000	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000021	Wills Point	Wills Point	No	\$10,200	\$10,200	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000022	Wills Point	Wills Point	No	\$51,000	\$51,000	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000023	Wills Point	Wills Point	No	\$10,200	\$10,200	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals

FMS ID	RFPG No.	RFPG Name	FMS Name	Description	Associated Goals (ID)	Counties	HUC8s	HUC12s	Watershed Name	Project Type	Strategy Project Area (sqmi)	Flood Risk Type
042000024	4	Sabine	City of Fate Flood Access Improvement	Add secondary entry/access roads to existing neighborhoods where possible/enforce two entry/access road requirements in existing code for new construction	04000011	Rockwall	12010001	120100010301	Upper Sabine	Regulatory and Guidance	12	Riverine
042000025	4	Sabine	City of Fate Flood Infrastructure Maintenance	Develop and implement a county-wide pre-disaster debris removal and monitoring contracts	04000011	Rockwall	12010001	120100010301	Upper Sabine	Other	12	Riverine
042000026	4	Sabine	City of Gladewater Flood Awareness Program	Develop and implement a public education campaign to inform the public about mitigation actions they can take to make their family and home safer. Put information and links to outside resources on city websites and facebook pages.	04000009	Gregg, Upshur	12010002	120100020402, 120100020403, 120100020405	Middle Sabine	Education and Outreach	12	Riverine
042000027	4	Sabine	City of Gladewater Flood Awareness Program	Develop and implement the "Turn Around, Don't Drown Program"	04000009	Gregg, Upshur	12010002	120100020402, 120100020403, 120100020405	Middle Sabine	Education and Outreach	12	Riverine
042000028	4	Sabine	City of Gladewater Flood Infrastructure Maintenance Program	Implement program to remove debris from drainage culverts when needed to alleviate potential flooding hazards	04000011	Gregg, Upshur	12010002	120100020402, 120100020403, 120100020405	Middle Sabine	Other	12	Riverine
042000029	4	Sabine	City of Gladewater Flood Awareness Program	Develop, implement and promote a public education campaign to encourage the public to register for the Nixle warning system; put link on city websites and facebook pages.	04000009	Gregg, Upshur	12010002	120100020405	Middle Sabine	Education and Outreach	7	Riverine
042000030	4	Sabine	City of Kilgore "StormReady" Program	Obtain awareness materials from Texas Floodplain Management Association for distribution to the public. Post public awareness content on social media platforms prior to and during flooding.	04000009	Gregg, Rusk	12010002	120100020506, 120100020405, 120100020502, 120100020503	Middle Sabine	Education and Outreach	19	Riverine
042000032	4	Sabine	City of Kilgore Flood Infrastructure Inspection and Maintenance Program	Investigate the current condition of culverts, headwalls, and repairs to culverts and headwalls	04000011	Rusk	12010002	120100020502, 120100020503, 120100020506, 120100020405	Middle Sabine	Other	19	Riverine
042000033	4	Sabine	City of Clarksville City Flood Infrastructure Inspection and Maintenance Program	Monitor flood-prone areas and remove debris from drainage culverts when needed to alleviate potential flooding hazards.	04000011	Gregg, Upshur	12010002	120100020405	Middle Sabine	Other	7	Riverine

FMS ID	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Nonrecurring, Noncapital Cost (\$)	Estimated Project Cost (\$)	Potential Funding Sources and Amount	Cost/ Structure removed	Consideration of Nature-based Solution	Negative Impact	Negative Impact Mitigation	Water Supply Benefit	RFPG Recommendation	Reason for Recommendation
042000024	Fate	Fate	No	\$0	\$400,000	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000025	Fate	Fate	No	\$100,000	\$100,000	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000026	Gladewater	Gladewater	No	\$10,000	\$10,000	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000027	Gladewater	Gladewater	No	\$10,000	\$10,000	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000028	Gladewater	Gladewater	No	\$20,000	\$20,000	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000029	Gladewater	Gladewater	No	\$10,000	\$10,000	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000030	Kilgore	Kilgore	No	\$5,000	\$5,000	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000032	Kilgore	Kilgore	No	\$30,000	\$30,000	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000033	Clarksville City	Clarksville City	No	\$20,000	\$20,000	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals

FMS ID	RFPG No.	RFPG Name	FMS Name	Description	Associated Goals (ID)	Counties	HUC8s	HUC12s	Watershed Name	Project Type	Strategy Project Area (sqmi)	Flood Risk Type
042000034	4	Sabine	City of Longview Flood Awareness Program	Promote the "Turn Around Don't Drown" campaign, in partnership with DPS.	04000009	Gregg	12010002	120100020506, 120100020601, 120100020504, 120100020505, 120100020602	Middle Sabine	Education and Outreach	56	Riverine
042000035	4	Sabine	City of Longview Flood Mitigation Training Program	Seek state and FEMA sponsored training in flood mitigation for key personnel.	04000009, 04000018	Gregg	12010002	120100020506, 120100020601, 120100020504, 120100020505, 120100020602	Middle Sabine	Regulatory and Guidance	56	Riverine
042000036	4	Sabine	Longview Flood Mitigation Floodplain Development Regulations	Improve the long-range management and use of flood-prone areas by the adoption and enforcement of local ordinances to regulate new development within the floodplain. Review and revise ordinances, when needed.	04000009, 04000018	Gregg	12010002	120100020506, 120100020601, 120100020504, 120100020505, 120100020602	Middle Sabine	Regulatory and Guidance	56	Riverine
042000037	4	Sabine	City of Longview Online Flood Awareness Program	Place links on local websites to free FEMA training for independent study via the internet, such as 15-271 "Anticipating Hazardous Weather and Community Risk."	04000009	Gregg	12010002	120100020506, 120100020601, 120100020504, 120100020505, 120100020602	Middle Sabine	Education and Outreach	56	Riverine
042000038	4	Sabine	City of Longview Regulatory Flood Hazard Map Program	Work with state and federal agencies to maintain current flood maps.	04000009, 04000018	Gregg	12010002	120100020506, 120100020601, 120100020504, 120100020505, 120100020602	Middle Sabine	Regulatory and Guidance	56	Riverine
042000039	4	Sabine	City of Longview Property Acquisition Program	Implementation of program to purchase properties and severe loss-repetitive loss homes in floodplain areas to reserve them from development.	04000005	Gregg	12010002	120100020506, 120100020601, 120100020504, 120100020505, 120100020602	Middle Sabine	Property Acquisition and Structural Elevation	56	Riverine
042000041	4	Sabine	City of Longview Dam Development	Promote FEMA-recommended construction methods for any new dam	04000009, 04000018	Gregg	12010002	120100020506, 120100020601, 120100020504, 120100020505, 120100020602	Middle Sabine	Regulatory and Guidance	56	Riverine
042000042	4	Sabine	City of Hideaway Flood Awareness Program	Conduct public outreach to educate homeowners on flood mitigation measures for their homes.	04000009	Smith	12010002	120100020102	Middle Sabine	Education and Outreach	2	Riverine
042000043	4	Sabine	City of Hideaway Floodplain Development Regulations	Mandate 2 FT Freeboard on Hideaway Lakes Dams	04000009, 04000018	Smith	12010002	120100020102	Middle Sabine	Regulatory and Guidance	2	Riverine
042000044	4	Sabine	City of Hideaway Flood Awareness Program	Public Awareness of Evacuation Routes from rising water from dam failure.	04000009	Smith	12010002	120100020102	Middle Sabine	Education and Outreach	2	Riverine

FMS ID	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Nonrecurring, Noncapital Cost (\$)	Estimated Project Cost (\$)	Potential Funding Sources and Amount	Cost/Structure removed	Consideration of Nature-based Solution	Negative Impact	Negative Impact Mitigation	Water Supply Benefit	RFPG Recommendation	Reason for Recommendation
042000034	Longview	Longview	No	\$10,000	\$10,000	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000035	Longview	Longview	No	\$2,000	\$2,000	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000036	Longview	Longview	No	\$0	\$0	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000037	Longview	Longview	No	\$0	\$0	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000038	Longview	Longview	No	\$0	\$0	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000039	Longview	Longview	No	\$100,000	\$100,000	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000041	Longview	Longview	No	\$10,000	\$10,000	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000042	Hideaway	Hideaway	No	\$10,500	\$10,500	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000043	Hideaway	Hideaway	No	\$10,000	\$10,000	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000044	Hideaway	Hideaway	No	\$10,500	\$10,500	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals

FMS ID	RFPG No.	RFPG Name	FMS Name	Description	Associated Goals (ID)	Counties	HUC8s	HUC12s	Watershed Name	Project Type	Strategy Project Area (sqmi)	Flood Risk Type
042000045	4	Sabine	City of Hideaway Dam Reliability Program	The city will remove trees from earthen dams on hideaway lakes #2 and #3 to mitigate erosion and assist with soil adhesion.	04000011	Smith	12010002	120100020102	Middle Sabine	Other	2	Riverine
042000046	4	Sabine	City of Winona Flood Awareness Program	Conduct public outreach to homeowners and residents on flood mitigation measures for their residents.	04000009	Smith	12010002	120100020107, 120100020303	Middle Sabine	Education and Outreach	2	Riverine
042000047	4	Sabine	City of Royse City Floodplain Management Ordinances	Update Flood Prevention ordinance, adopting a "no-rise" in Base Flood Elevation in the 100-year floodplain.	04000009, 04000018	Rockwall, Collin, Hunt	12010001	120100010202, 120100010301, 120100010302	Upper Sabine	Regulatory and Guidance	18	Riverine
042000048	4	Sabine	City of Royse City "StormReady" Program	Achieve certification by the National Weather Service as a "StormReady" Community.	04000009, 04000018	Rockwall, Collin, Hunt	12010001	120100010202, 120100010301, 120100010302	Upper Sabine	Regulatory and Guidance	18	Riverine
042000049	4	Sabine	City of Como Flood Awareness Program	Disseminate PSA's, Newspaper Articles through local media about dangers of flooded county roads and to "Turn Around; Don't Drown."	04000009	Hopkins	12010003	120100030201	Lake Fork	Education and Outreach	1	Riverine
042000050	4	Sabine	City of Cumby Flood Awareness Program	Develop and implement the "Turn Around, Don't Drown Program"	04000009	Hopkins	12010003	120100030101, 120100030104	Lake Fork	Education and Outreach	1	Riverine
042000051	4	Sabine	City of Cumby Flood Awareness Program	Disseminate PSA's, Newspaper Articles through local media about dangers of flooded county roads	04000009	Hopkins	12010003	120100030101, 120100030104	Lake Fork	Education and Outreach	1	Riverine
042000052	4	Sabine	Sabine Flood Measurement Gages	Install flood measurement gages in Upper Sabine Basin	04000015, 04000016	Regionwide	11140206, 12010001, 12010002, 12010003, 12010004	120100010301	Regionwide	Flood Measurement and Warning	4,760	Riverine
042000053	4	Sabine	Hunt County Flood Warning and Public Safety	Adopt and Promote the program of "Turn Around Don't Drown Campaign." Implement early warning program.	04000015, 04000016	Regionwide	12010001, 12010003	120100010406, 120100010407, 120100010103, 120100010101, 120100010102, 120100010104, 120100010203, 120100010201, 120100010202, 120100010204	Regionwide	Flood Measurement and Warning	879	Riverine
042000054	4	Sabine	Rockwall County Warning Signs and Flood Control Gates	Install automatic flood warning gates to prevent access into flooded areas. Install warning signs and flood control	04000015, 04000016, 04000017	Regionwide	12010001	120100010301, 120100010302	Regionwide	Flood Measurement and Warning	148	Riverine
042000055	4	Sabine	Rockwall County Flood Prevention Ordinance	Update Flood Prevention ordinance, adopting a "no-rise" in Base Flood Elevation in the 100-year floodplain	04000018	Regionwide	12010001	120100010301, 120100010302	Regionwide	Regulatory and Guidance	148	Riverine

FMS ID	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Nonrecurring, Noncapital Cost (\$)	Estimated Project Cost (\$)	Potential Funding Sources and Amount	Cost/ Structure removed	Consideration of Nature-based Solution	Negative Impact	Negative Impact Mitigation	Water Supply Benefit	RFPG Recommendation	Reason for Recommendation
042000045	Hideaway	Hideaway	No	\$60,000	\$60,000	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000046	Winona	Winona	No	\$104,000	\$104,000	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000047	Royse City	Royse City	No	\$10,000	\$10,000	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000048	Royse City	Royse City	No	\$10,000	\$10,000	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000049	Como	Como	No	\$10,000	\$10,000	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000050	Cumby	Cumby	No	\$0	\$0	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000051	Cumby	Cumby	No	\$11,500	\$11,500	Yes	\$0	Yes	No	N/A	Non-Structural	Yes	Aligns with RFPG Goals
042000052	Sabine River Authority	Sabine River Authority	Yes	\$50,000	\$800,100	Yes	\$0	Yes	No	N/A	None	Yes	Aligns with RFPG Goals
042000053	Hunt	Hunt	Yes	\$250,000	\$250,000	Yes	\$0	Yes	No	N/A	None	Yes	Aligns with RFPG Goals
042000054	Rockwall	Rockwall	No	\$250,000	\$250,000	Yes	\$0	Yes	No	N/A	None	Yes	Aligns with RFPG Goals
042000055	Rockwall	Rockwall	No	\$100,000	\$100,000	Yes	\$0	Yes	No	N/A	None	Yes	Aligns with RFPG Goals

FMS ID	RFPG No.	RFPG Name	FMS Name	Description	Associated Goals (ID)	Counties	HUC8s	HUC12s	Watershed Name	Project Type	Strategy Project Area (sqmi)	Flood Risk Type
042000056	4	Sabine	Wills Point Structure Permitting Requirement Update	Increase freeboard requirements for permitting structures in the SFHA; Adopt a "no-rise" in BFE in the 100-year floodplain; Update local flood ordinance	04000018	Regionwide	12010001	120100010501, 120100010502	Regionwide	Regulatory and Guidance	4	Riverine
042000057	4	Sabine	Kaufman County Regulation Standards to Protect Open Space Flood-Prone Areas	Conduct program in conjunction with local communities to incorporate regulatory standards to protect open space flood-prone areas	04000018	Regionwide	12010001	120100010501, 120100010303, 120100010404, 120100010302, 120100010405	Regionwide	Regulatory and Guidance	805	Riverine
042000058	4	Sabine	Kaufman County Agreement to Monitor High Hazard Dams	Develop a mutual aid agreement with the City of Terrell, City of Kemp, City of Kaufman to monitor High hazard dams with automated monitor to minimize potential dam failure of the structure	04000015, 04000016	Regionwide	12010001	120100010501, 120100010303, 120100010404, 120100010302, 120100010405	Regionwide	Flood Measurement and Warning	805	Riverine
042000059	4	Sabine	City of Kilgore Property Acquisition	Implementation of program to purchase properties and repetitive loss homes in floodplain areas to reserve them from development.	04000005, 04000006	Regionwide	12010002	120100020501, 120100020506, 120100020502, 120100020503, 120100020601	Regionwide	Property Acquisition and Structural Elevation	155	Riverine
042000060	4	Sabine	Kaufman County Flood Education Program	Conduct countywide outreach to educate residents on flood hazards, mitigation techniques and promote availability of NFIP flood insurance.	04000009, 04000010	Regionwide	12010001	120100010501, 120100010303, 120100010404, 120100010302, 120100010405	Regionwide	Education and Outreach	805	Riverine
042000061	4	Sabine	City of Nevada NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	04000018	Regionwide	12010001	120100010301	Regionwide	Regulatory and Guidance	2	Riverine
042000062	4	Sabine	Van Zandt County Flood Safety Improvements and Education	Educate community on the dangers of low water crossings	04000007, 04000008	Regionwide	12010001	120100010407, 120100010503, 120100010501, 120100010502, 120100010504, 120100010601, 120100010507, 120100010603,	Regionwide	Education and Outreach	856	Riverine

FMS ID	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Nonrecurring, Noncapital Cost (\$)	Estimated Project Cost (\$)	Potential Funding Sources and Amount	Cost/ Structure removed	Consideration of Nature-based Solution	Negative Impact	Negative Impact Mitigation	Water Supply Benefit	RFPG Recommendation	Reason for Recommendation
042000056	Wills Point	Wills Point	No	\$100,000	\$100,000	Yes	\$0	Yes	No	N/A	None	Yes	Aligns with RFPG Goals
042000057	Kaufman	Kaufman	No	\$100,000	\$100,000	Yes	\$0	Yes	No	N/A	None	Yes	Aligns with RFPG Goals
042000058	Kaufman	Kaufman	No	\$300,000	\$300,000	Yes	\$0	Yes	No	N/A	None	Yes	Aligns with RFPG Goals
042000059	Kilgore	Kilgore	Yes	\$50,000	\$64,351,367	Yes	\$0	Yes	No	N/A	None	Yes	Aligns with RFPG Goals
042000060	Kaufman	Kaufman	No	\$50,000	\$50,000	Yes	\$0	Yes	No	N/A	None	Yes	Aligns with RFPG Goals
042000061	Nevada	Nevada	No	\$100,000	\$100,000	Yes	\$0	Yes	No	N/A	None	Yes	Aligns with RFPG Goals
042000062	Van Zandt	Van Zandt	No	\$50,000	\$50,000	Yes	\$0	Yes	No	N/A	None	Yes	Aligns with RFPG Goals

Table 5B-1: Model Coverage

Model ID	Model Name	Model Description	RFPG Number	RFPG Name	Model Type	Model Software	Software Version	Last Updated
040000000001	Upper Sabine FIF	Hydraulic and Hydrologic model of Longview and Kilgore	4	Sabine	Hydraulic	HEC-RAS	6.3.1	2023-05-31
040000000002	Hunt County FIF	Hydraulic and Hydrologic model of Hunt County	4	Sabine	Hydraulic	HEC-RAS	6.3.1	2023-05-31
040000000003	Kilgore SWMM	SWMM model of Kilgore storm drain system	4	Sabine	Hydraulic	SWMM	5.0.018	2023-05-31
040000000004	Parker Creek Corridor	Hydraulic and Hydrologic model of Parker Creek through Marshall	4	Sabine	Hydraulic	HEC-RAS	6.3.1	2023-05-31
040000000005	Orange County Task 12	Hydraulic and Hydrologic model of Cow Bayou, Adams Bayou, Little Cypress Creek, Cole Creek, Sandy Creek, and Terry Gully	4	Sabine	Hydraulic	HEC-RAS	6.3.1	2023-05-31
040000000006	Kaufman County FIF	Hydraulic and Hydrologic model of Kaufman County	4	Sabine	Hydraulic	HEC-RAS	6.3.1	2023-05-31

Region Number	FMP ID	FMP Name	FMP Meets ALL No Negative Impacts Requirements from Exhibit C Section 3.6.A (Yes/ No)	Negative Impact Description	Planning level Mitigation Plan (Yes/ No)	Mitigation Plan Description	No Negative Impact Determination (Yes/No)	Basis of No Negative Impact Determination (Model, Study, Engineering Judgement)	Model ID	Model Name	Model Submitted	Study Name and Location	Engineer of Record (Optional)	Engineering Judgement Description
4	043000001	Terry Gully Regional Detention Pond 1	Yes	All impacts are within Exhibit C criteria for 2D hydraulic model	No		Yes	Model	040000000005	Orange County Task 12		Orange County Task 12		
4	043000002	Terry Gully Regional Detention Pond 2	Yes	All impacts are within Exhibit C criteria for 2D hydraulic model	No		Yes	Model	040000000005	Orange County Task 12		Orange County Task 12		
4	043000003	Terry Gully Regional Detention Pond 3	Yes	All impacts are within Exhibit C criteria for 2D hydraulic model	No		Yes	Model	040000000005	Orange County Task 12		Orange County Task 12		
4	043000004	Terry Gully Regional Detention Pond 4	Yes	All impacts are within Exhibit C criteria for 2D hydraulic model	No		Yes	Model	040000000005	Orange County Task 12		Orange County Task 12		
4	043000005	Claborne Park Regional Detention Pond	Yes	All impacts are within Exhibit C criteria for 2D hydraulic model	No		Yes	Model	040000000005	Orange County Task 12		Orange County Task 12		
4	043000006	Kinard Estates Drainage Improvements	Yes	All impacts are within Exhibit C criteria for 2D hydraulic model	No		Yes	Model	040000000005	Orange County Task 12		Orange County Task 12		
4	043000007	Elevation of Feeder Road Along IH-10 at Cole Creek	Yes	All impacts are within Exhibit C criteria for 2D hydraulic model	No		Yes	Model	040000000005	Orange County Task 12		Orange County Task 12		
4	043000008	Lawrence Road Detention Pond	Yes	All impacts are within Exhibit C criteria for 2D hydraulic model	No		Yes	Model	040000000005	Orange County Task 12		Orange County Task 12		
4	043000009	Upper Cow Detention Pond	Yes	All impacts are within Exhibit C criteria for 2D hydraulic model	No		Yes	Model	040000000005	Orange County Task 12		Orange County Task 12		
4	043000010	Upper Adams Detention Pond	Yes	All impacts are within Exhibit C criteria for 2D hydraulic model	No		Yes	Model	040000000005	Orange County Task 12		Orange County Task 12		
4	043000011	Cole Creek Detention Pond	Yes	All impacts are within Exhibit C criteria for 2D hydraulic model	No		Yes	Model	040000000005	Orange County Task 12		Orange County Task 12		
4	043000012	CR-2400 Drainage Improvements	Yes	All impacts are within Exhibit C criteria for 2D hydraulic model	No		Yes	Model	040000000002	Hunt County FIF		Hunt County FIF		
4	043000013	CR-2706 Drainage Improvements	Yes	All impacts are within Exhibit C criteria for 2D hydraulic model	No		Yes	Model	040000000002	Hunt County FIF		Hunt County FIF		
4	043000014	CR-3101 Drainage Improvements	Yes	All impacts are within Exhibit C criteria for 2D hydraulic model	No		Yes	Model	040000000002	Hunt County FIF		Hunt County FIF		
4	043000015	CR-4105 Drainage Improvements	Yes	All impacts are within Exhibit C criteria for 2D hydraulic model	No		Yes	Model	040000000002	Hunt County FIF		Hunt County FIF		
4	043000016	CR-4106 Drainage Improvements	Yes	All impacts are within Exhibit C criteria for 2D hydraulic model	No		Yes	Model	040000000002	Hunt County FIF		Hunt County FIF		
4	043000017	Orange County Coastal Storm Risk Management Project	Yes	Potential impacts on the interior side of the levee	Yes	Mitigation will be proposed on interior side of the levee in accordance with local governing design criteria of "no rise"	Yes	Study, Engineering Judgement				Sabine Pass to Galveston Bay, Texas Coastal Storm Risk Management and Ecosystem Restoration Final Integrated Feasibility Report		Refer to Memorandum of Record in Appendix 5-F
4	043000018	Kilgore Downtown Storm Sewer Master Plan Improvements	Yes	No impacts	No		Yes	Model, Study	040000000003	Kilgore SWMM Corridor		Downtown Storm Sewer Master Plan Kilgore, Texas		
4	043000019	Turtle Creek Detention Pond	Yes	All impacts are within Exhibit C criteria for 2D hydraulic model	No		Yes	Model	040000000004	Parker Creek Corridor		Parker Creek Corridor		
4	043000020	Parker Creek Maintenance	Yes	All impacts are within Exhibit C criteria for 2D hydraulic model	No		Yes	Model	040000000004	Parker Creek Corridor		Parker Creek Corridor		
4	043000021	Turtle Creek Maintenance	Yes	All impacts are within Exhibit C criteria for 2D hydraulic model	No		Yes	Model	040000000004	Parker Creek Corridor		Parker Creek Corridor		
4	043000022	Upper Happy Hollow Drainage Improvement - City Park	Yes	All impacts are within Exhibit C criteria for 2D hydraulic model	No		Yes	Model	040000000004	Parker Creek Corridor		Parker Creek Corridor		
4	043000023	Parker Creek Detention Pond	Yes	All impacts are within Exhibit C criteria for 2D hydraulic model	No		Yes	Model	040000000004	Parker Creek Corridor		Parker Creek Corridor		
4	043000024	Upper Happy Hollow Drainage Improvement - Smith Park	Yes	All impacts are within Exhibit C criteria for 2D hydraulic model	No		Yes	Model	040000000004	Parker Creek Corridor		Parker Creek Corridor		
4	043000025	Parker Creek Improvements	Yes	All impacts are within Exhibit C criteria for 2D hydraulic model	No		Yes	Model	040000000004	Parker Creek Corridor		Parker Creek Corridor		
4	043000026	City of Longview Property Acquisition	Yes	No impacts	No		Yes	Model						
4	043000027	City of Kilgore Property Buyout	Yes	No impacts	No		Yes	Model						
4	043000029	Orange County Property Buyouts	Yes	No impacts	No		Yes	Model	040000000005	Orange County Task 12		Orange County Task 12		
4	043000030	Orange County Elevation of Residential Structures Program	Yes	No impacts	No		Yes	Model	040000000005	Orange County Task 12		Orange County Task 12		
4	043000031	Bighead Creek Flooding - Roadway Improvements to Stone Road	Yes	All impacts are within Exhibit C criteria for 2D hydraulic model	No		Yes	Model	040000000001	Upper Sabine FIF		Upper Sabine FIF		
4	043000032	Harris Creek Tributary Flooding	Yes	All impacts are within Exhibit C criteria for 2D hydraulic model	No		Yes	Model	040000000001	Upper Sabine FIF		Upper Sabine FIF		
4	043000033	Iron Bridge Creek Neighborhood Flooding	Yes	All impacts are within Exhibit C criteria for 2D hydraulic model	No		Yes	Model	040000000001	Upper Sabine FIF		Upper Sabine FIF		

**APPENDIX 5-C
ONE PAGE SUMMARIES**

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Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

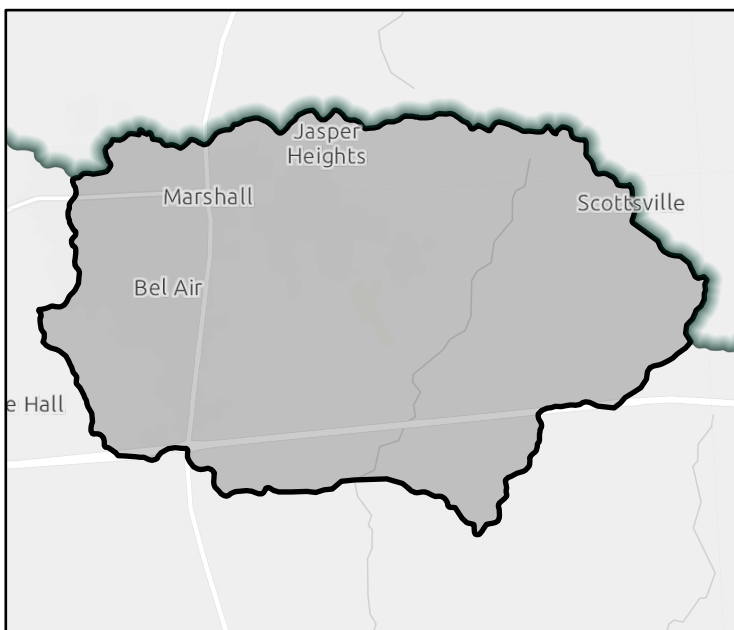
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

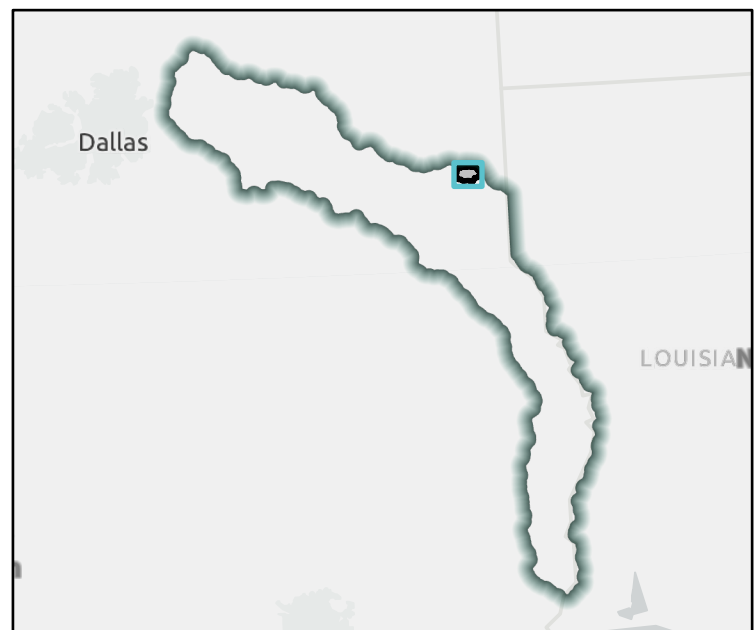
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

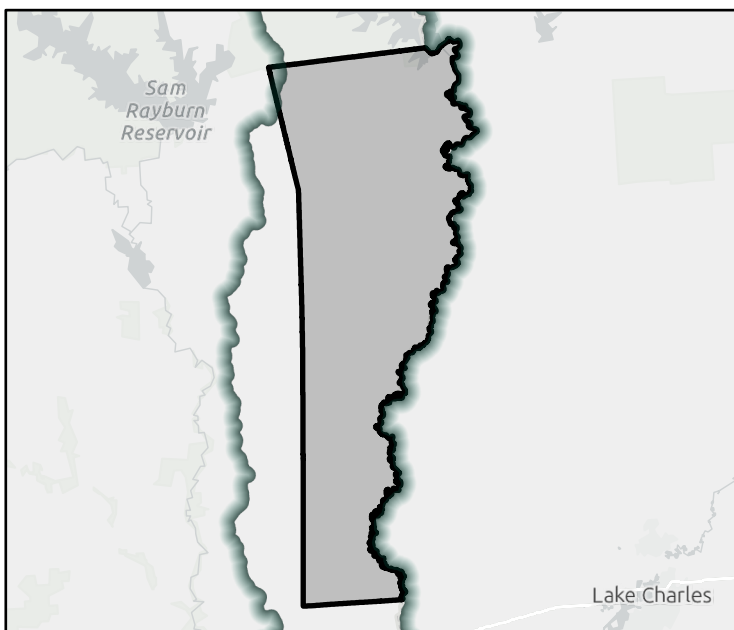
Flood risk type: Riverine? Yes Coastal? Yes Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

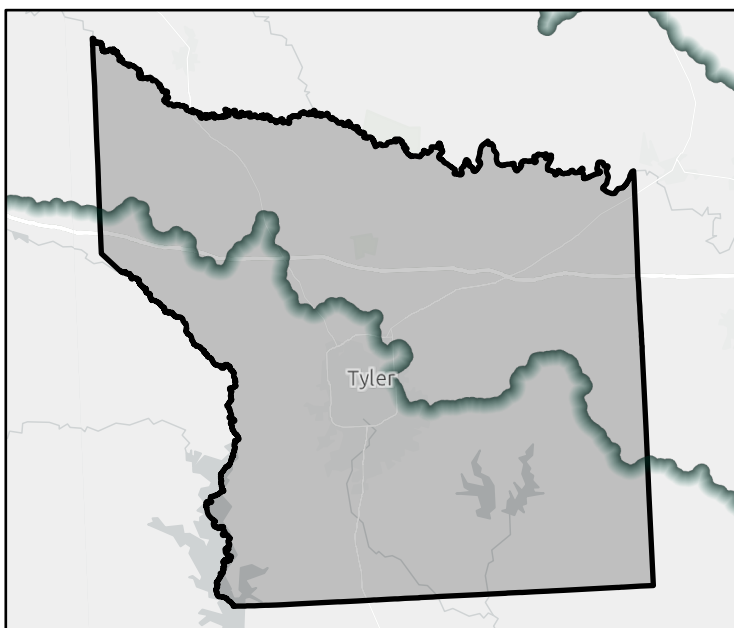
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

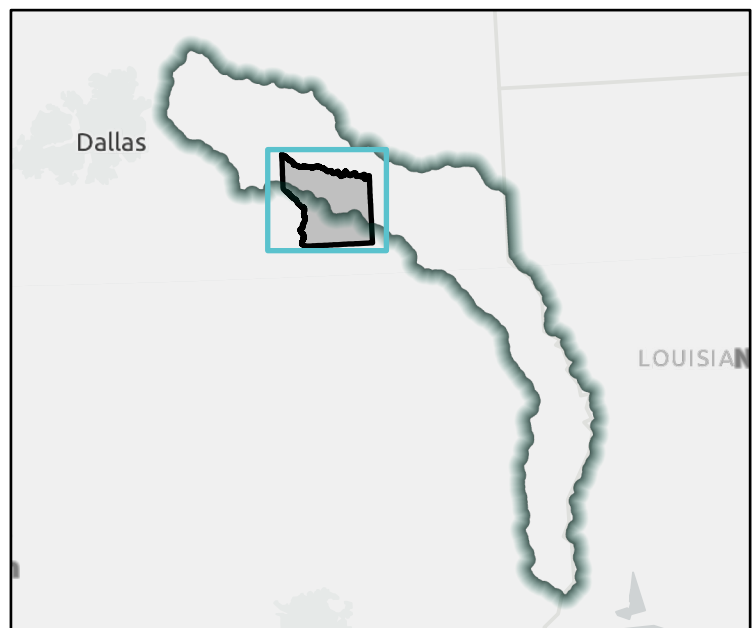
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

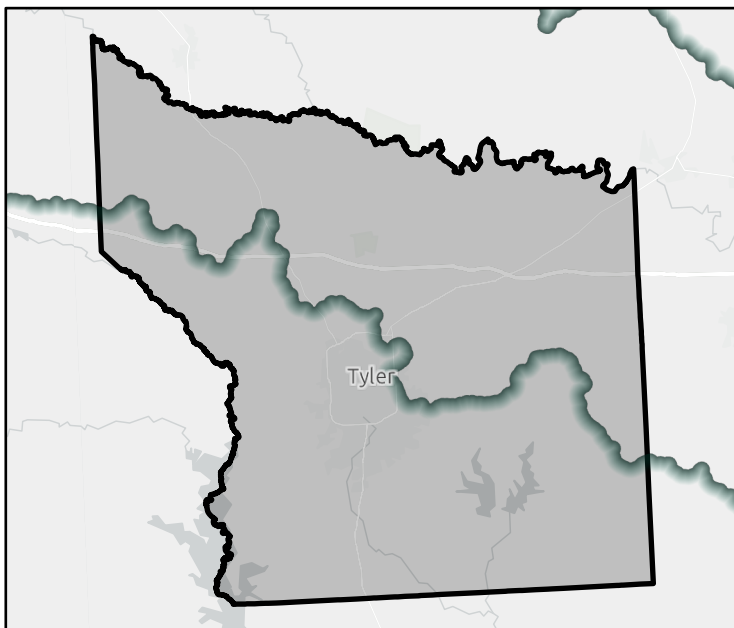
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

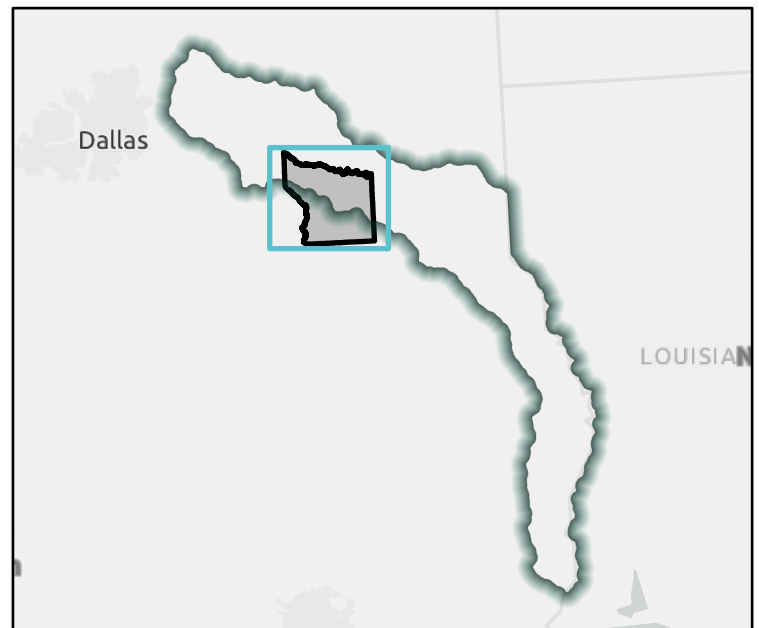
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title Harrison County Flood Hazard Mapping

ID# 041000005 Sponsor Harrison (County)

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type Watershed Planning County Panola,Harrison

Study description Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.) 912

Goal(s) Goal 1: Increase the coverage of adequate flood hazard mapping to at least 50% of the region.
Goal 2: Increase regulatory flood hazard mapping in at least 50% of the areas identified as having out of date flood mapping.
Goal 3: Advance multiple flood protection planning studies and preliminary engineering efforts in flood prone areas including the Sabine Pass to Galveston CSRSM.

100-Year Flood Risk Summary

Population at risk 5,521 # of structures 1,086 # of critical facilities 3

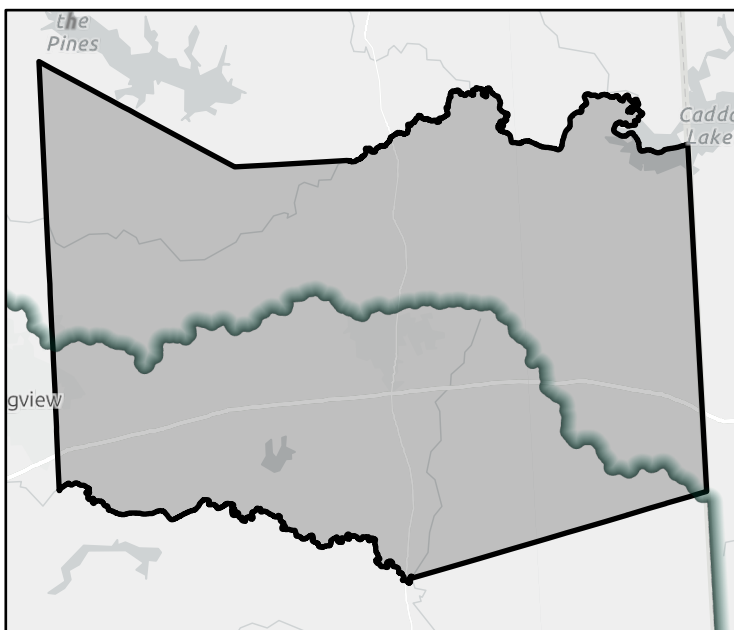
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) 9,144 Roadways impacted (miles) 82

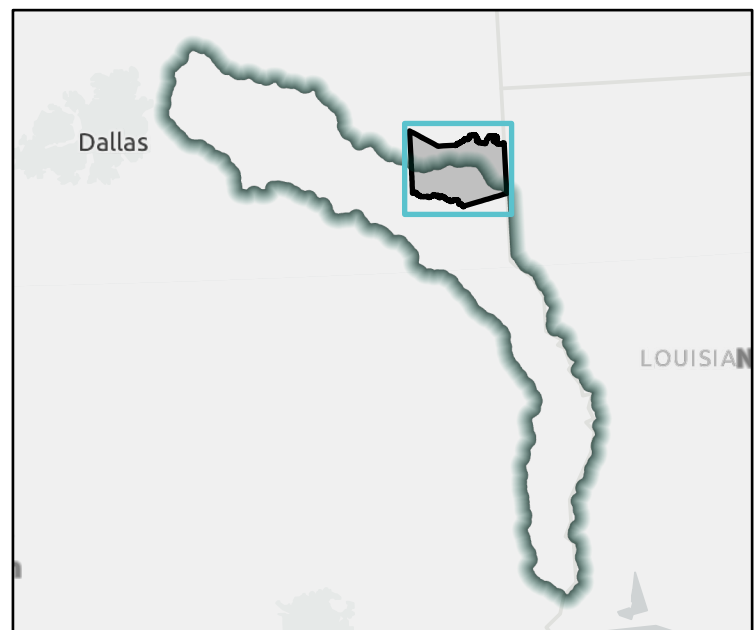
of low water crossings 2 # of historical road closures 2

Estimated Cost and Funding Availability

Total Cost \$1,850,000 Potential federal funding availability? Yes Potential Federal Funding Sources -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.)

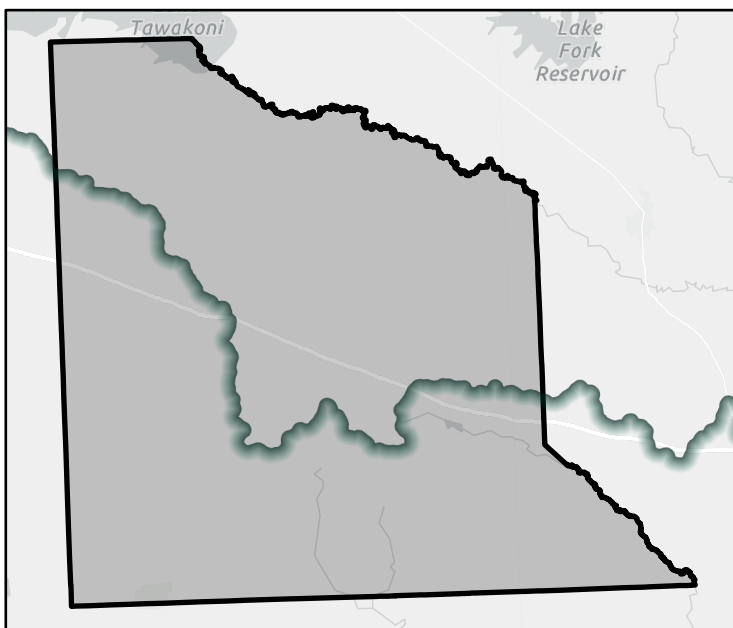
Goal(s)

100-Year Flood Risk Summary

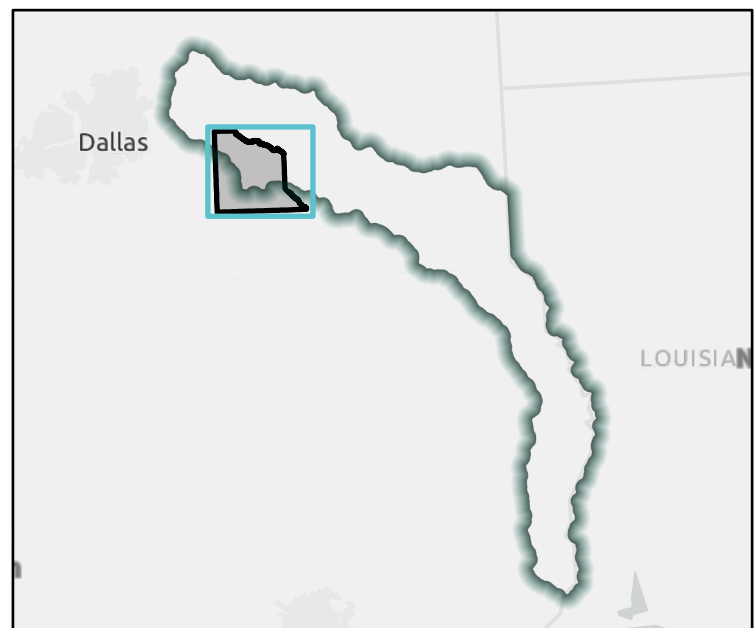
Population at risk	<input type="text" value="1,471"/>	# of structures	<input type="text" value="1,080"/>	# of critical facilities	<input type="text" value="13"/>		
Flood risk type: Riverine?	<input checked="" type="checkbox"/> Yes	Coastal?	<input type="checkbox"/> No	Local Flooding?	<input type="checkbox"/> No	Other?	<input type="checkbox"/> No
Farm/Ranch land impacted (ac.)	<input type="text" value="26,372"/>	Roadways impacted (miles)	<input type="text" value="79"/>				
# of low water crossings	<input type="text" value="9"/>	# of historical road closures	<input type="text" value="9"/>				

Estimated Cost and Funding Availability

Total Cost	<input type="text" value="\$2,230,000"/>	Potential federal funding availability?	<input checked="" type="checkbox"/> Yes	Potential Federal Funding Sources	<input type="text" value="-"/>
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FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

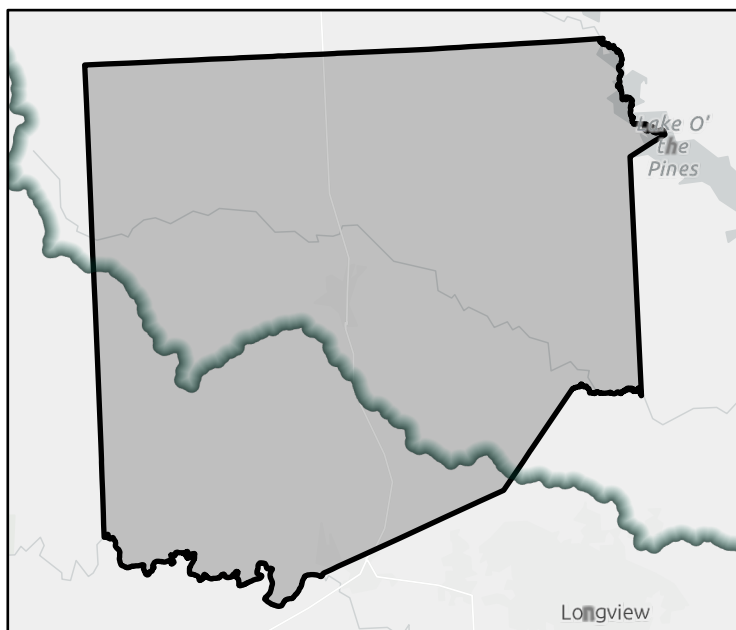
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

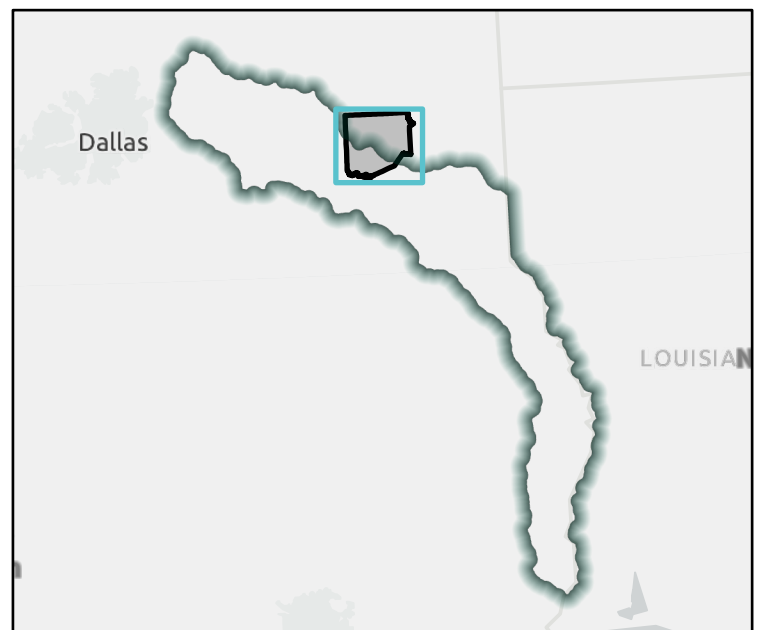
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title Sabine County Flood Hazard Mapping

ID# 041000008 Sponsor Sabine (County)

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type Watershed Planning County Sabine

Study description Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.) 574

Goal(s) Goal 1: Increase the coverage of adequate flood hazard mapping to at least 50% of the region.
 Goal 2: Increase regulatory flood hazard mapping in at least 50% of the areas identified as having out of date flood mapping.
 Goal 3: Advance multiple flood protection planning studies and preliminary engineering efforts in flood prone areas including the Sabine Pass to Galveston CSRM.

100-Year Flood Risk Summary

Population at risk 762 # of structures 1,611 # of critical facilities 0

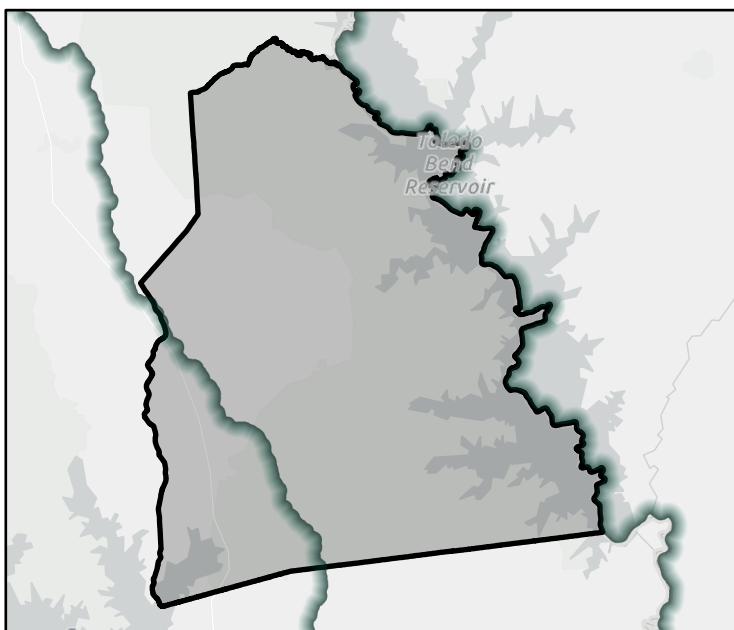
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) 2,311 Roadways impacted (miles) 33

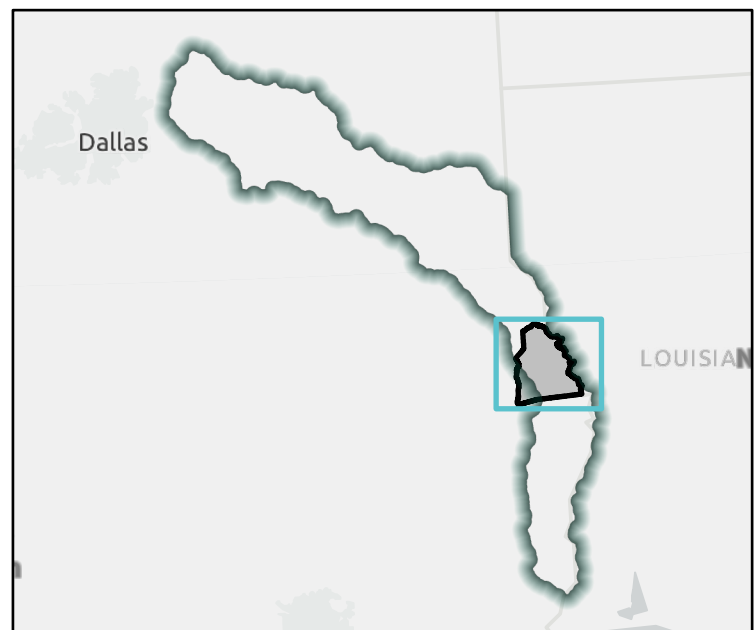
of low water crossings 6 # of historical road closures 6

Estimated Cost and Funding Availability

Total Cost \$1,100,000 Potential federal funding availability? Yes Potential Federal Funding Sources -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



Title Sabine County Drainage Master Plan

ID# 041000009 Sponsor Sabine (County)

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type Watershed Planning County Sabine

Study description Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.) 574

Goal(s) Goal 1: Increase the coverage of adequate flood hazard mapping to at least 50% of the region.
 Goal 2: Increase regulatory flood hazard mapping in at least 50% of the areas identified as having out of date flood mapping.
 Goal 3: Advance multiple flood protection planning studies and preliminary engineering efforts in flood prone areas including the Sabine Pass to Galveston CSRSM.

100-Year Flood Risk Summary

Population at risk 762 # of structures 1,611 # of critical facilities 0

Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) 2,311 Roadways impacted (miles) 33

of low water crossings 6 # of historical road closures 6

Estimated Cost and Funding Availability

Total Cost \$460,000 Potential federal funding availability? Yes Potential Federal Funding Sources -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

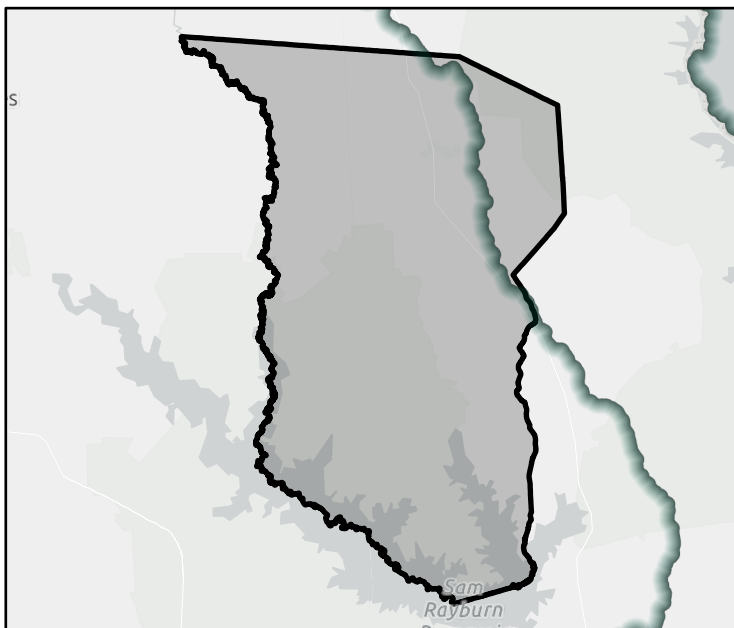
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

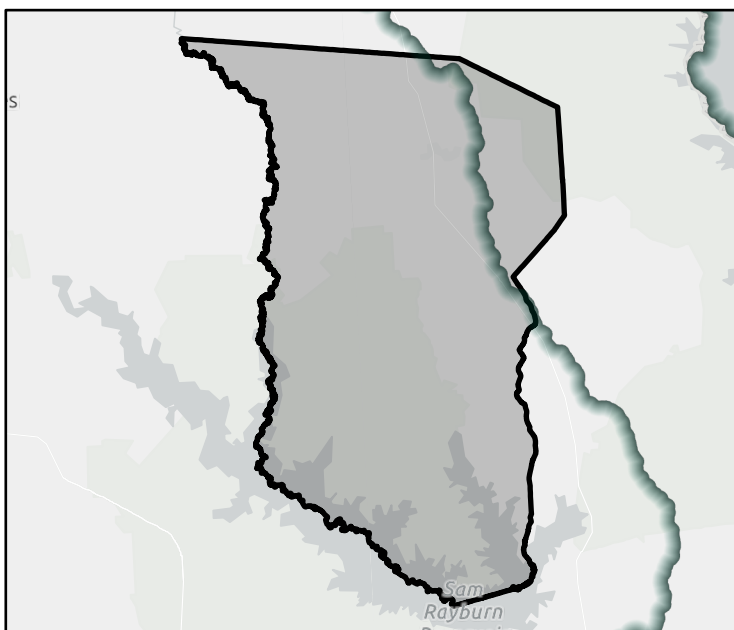
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

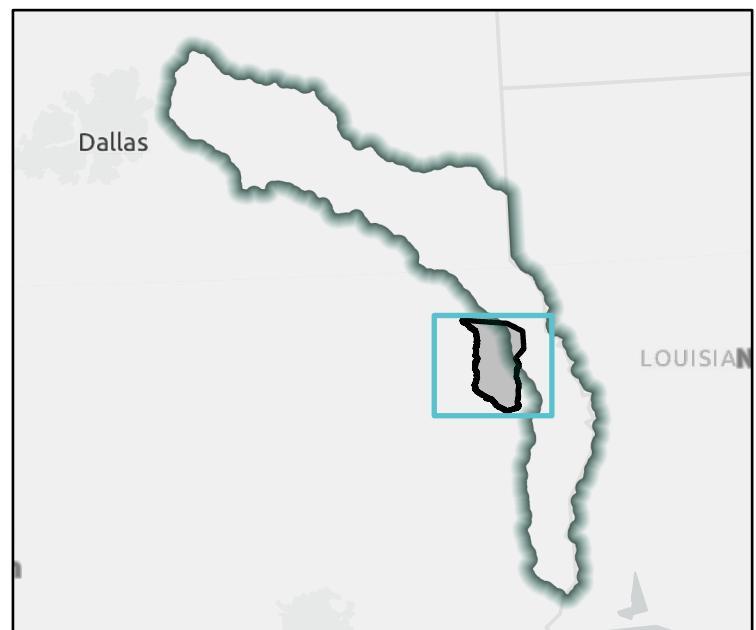
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

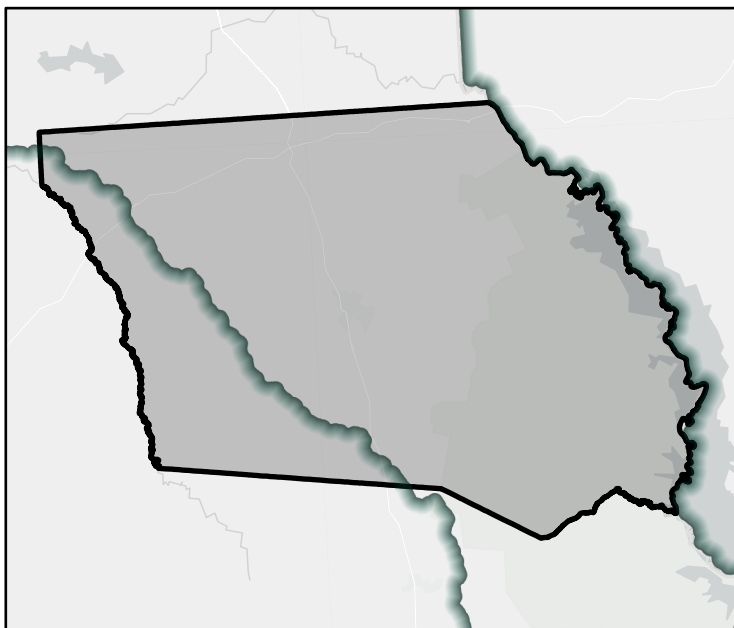
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

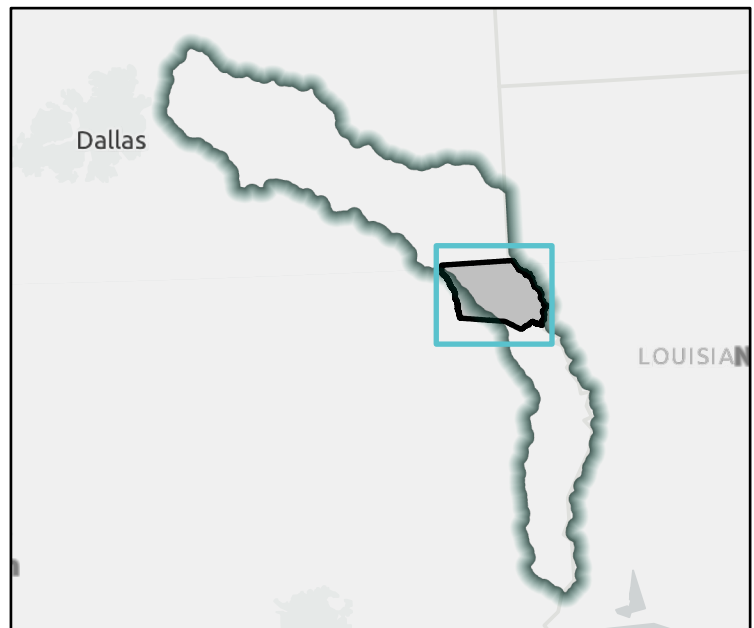
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

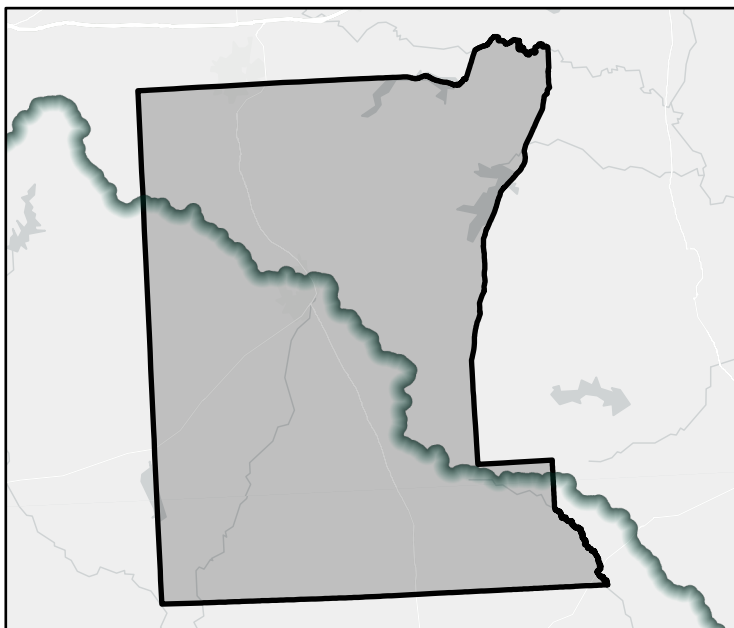
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

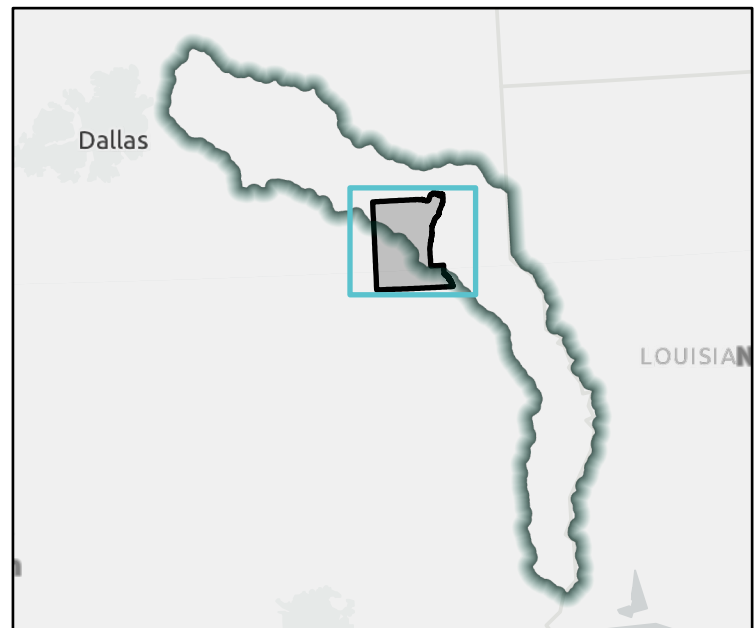
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.)

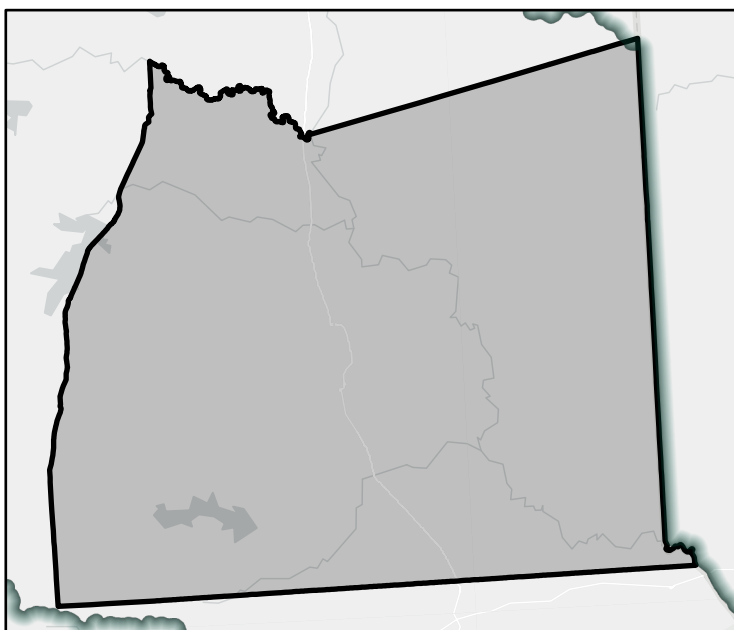
Goal(s)

100-Year Flood Risk Summary

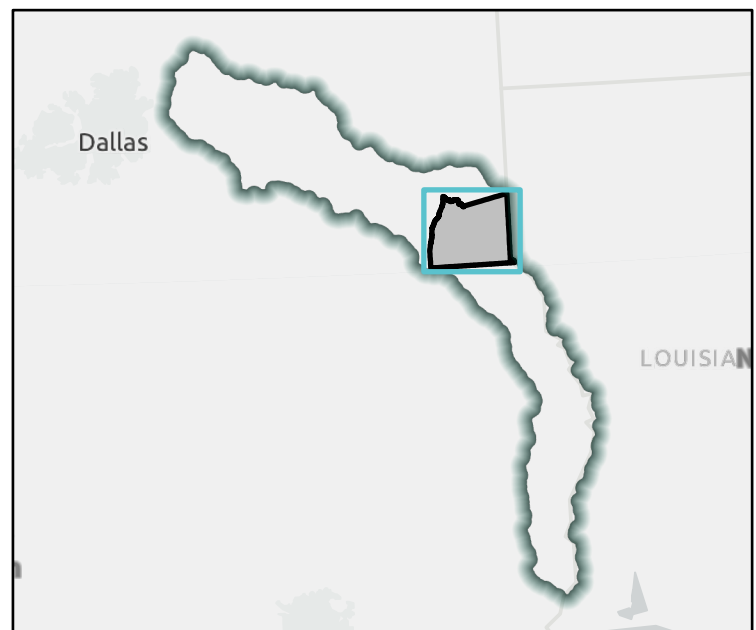
Population at risk	<input type="text" value="1,416"/>	# of structures	<input type="text" value="750"/>	# of critical facilities	<input type="text" value="2"/>		
Flood risk type: Riverine?	<input checked="" type="checkbox"/> Yes	Coastal?	<input type="checkbox"/> No	Local Flooding?	<input type="checkbox"/> No	Other?	<input type="checkbox"/> No
Farm/Ranch land impacted (ac.)	<input type="text" value="24,459"/>	Roadways impacted (miles)	<input type="text" value="119"/>				
# of low water crossings	<input type="text" value="10"/>	# of historical road closures	<input type="text" value="10"/>				

Estimated Cost and Funding Availability

Total Cost	<input type="text" value="\$3,700,000"/>	Potential federal funding availability?	<input checked="" type="checkbox"/> Yes	Potential Federal Funding Sources	<input type="text" value="-"/>
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FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

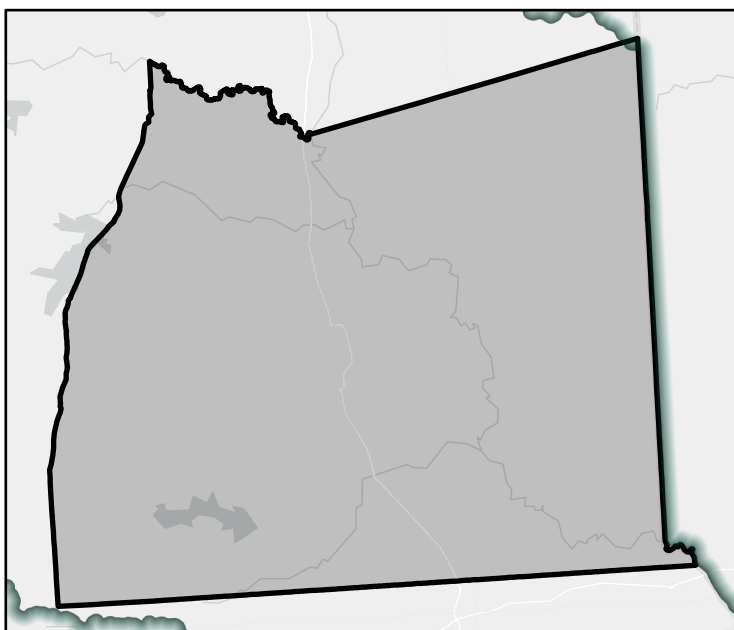
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

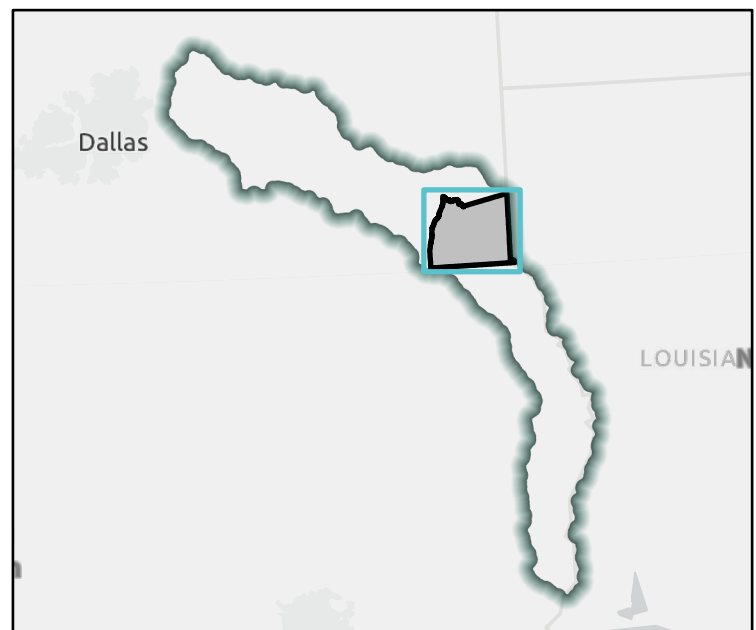
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

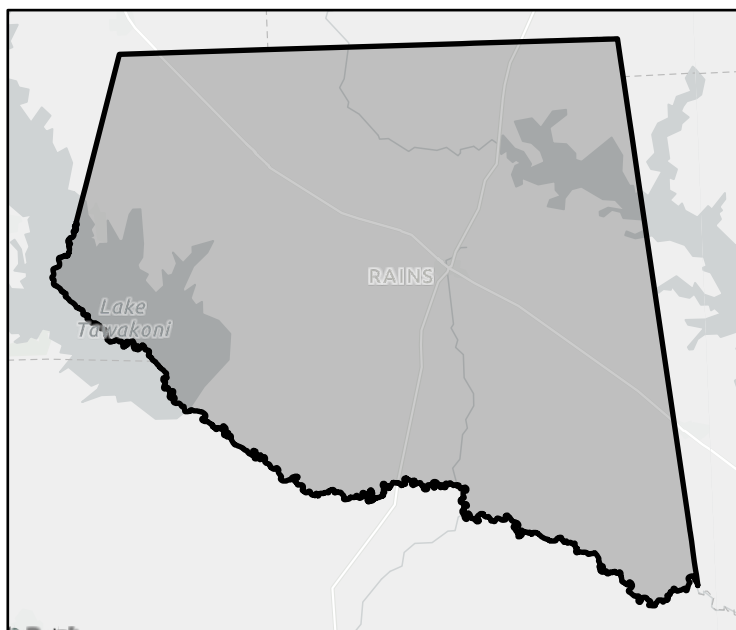
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

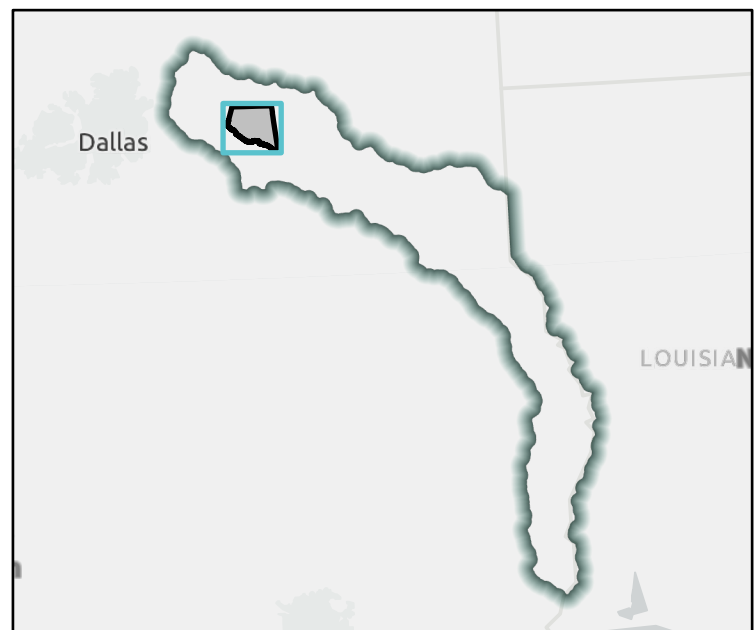
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

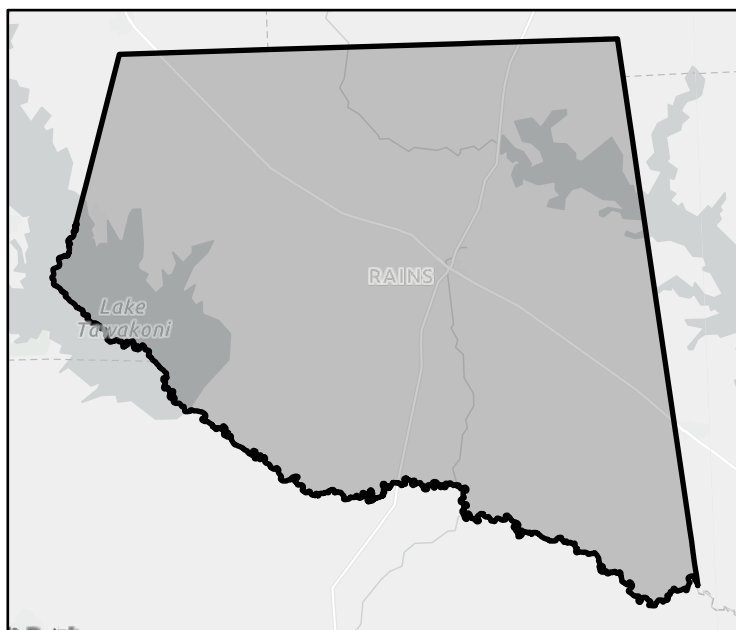
Flood risk type: Riverine? Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

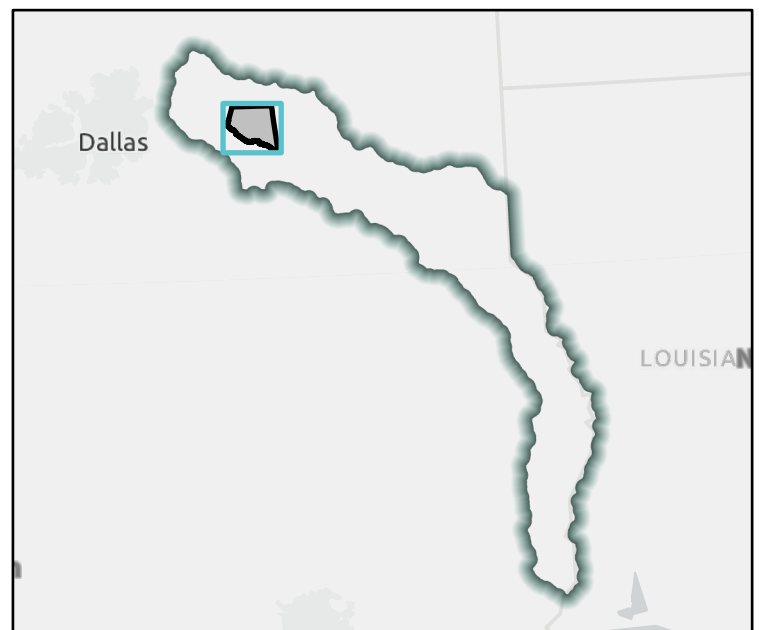
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

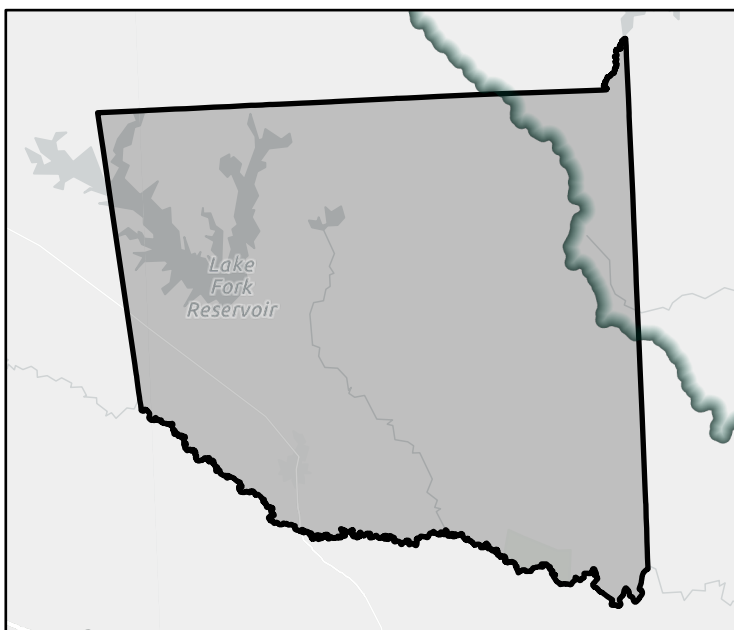
Flood risk type: Riverine? Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

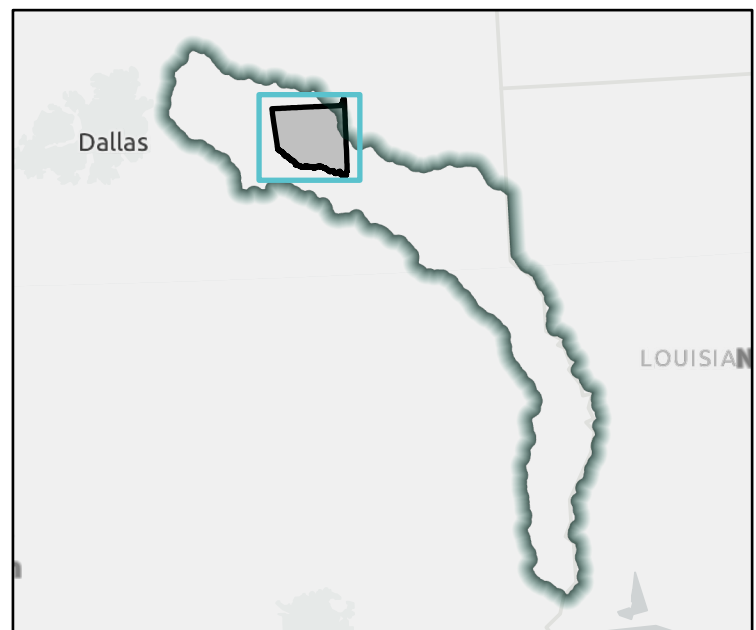
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title Hopkins County Flood Hazard Mapping

ID# 041000019 Sponsor Hopkins (County)

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type Watershed Planning County Wood,Hopkins,Franklin

Study description Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.) 791

Goal(s) Goal 1: Increase the coverage of adequate flood hazard mapping to at least 50% of the region.
 Goal 2: Increase regulatory flood hazard mapping in at least 50% of the areas identified as having out of date flood mapping.
 Goal 3: Advance multiple flood protection planning studies and preliminary engineering efforts in flood prone areas including the Sabine Pass to Galveston CSRSM.

100-Year Flood Risk Summary

Population at risk 92 # of structures 156 # of critical facilities 0

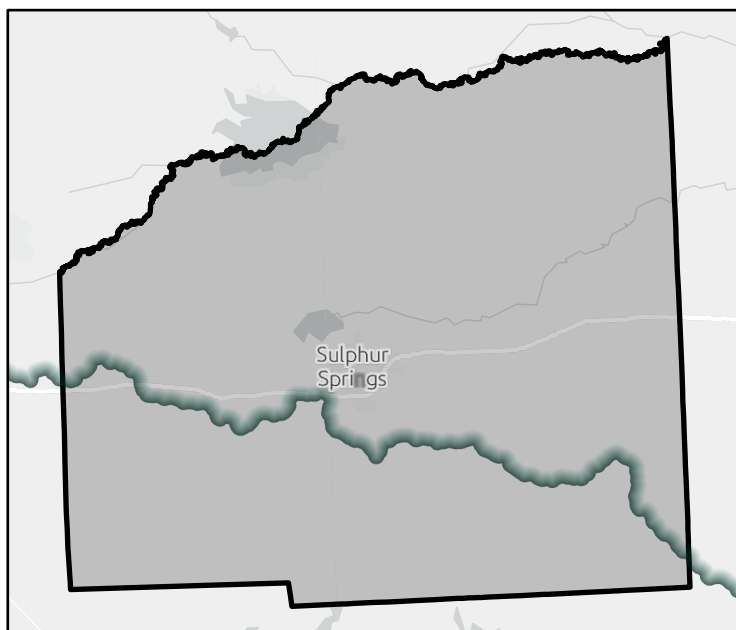
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) 13,195 Roadways impacted (miles) 48

of low water crossings 5 # of historical road closures 5

Estimated Cost and Funding Availability

Total Cost \$1,550,000 Potential federal funding availability? Yes Potential Federal Funding Sources -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

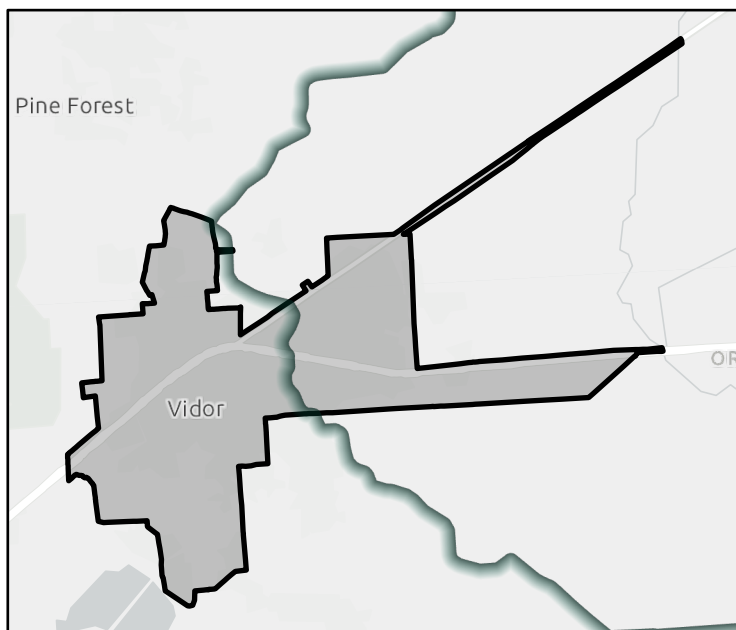
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

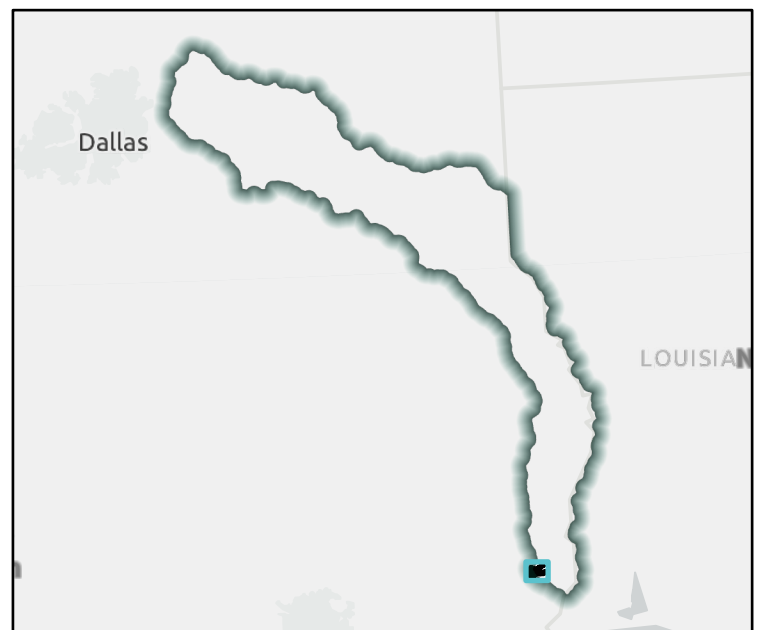
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Yes Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

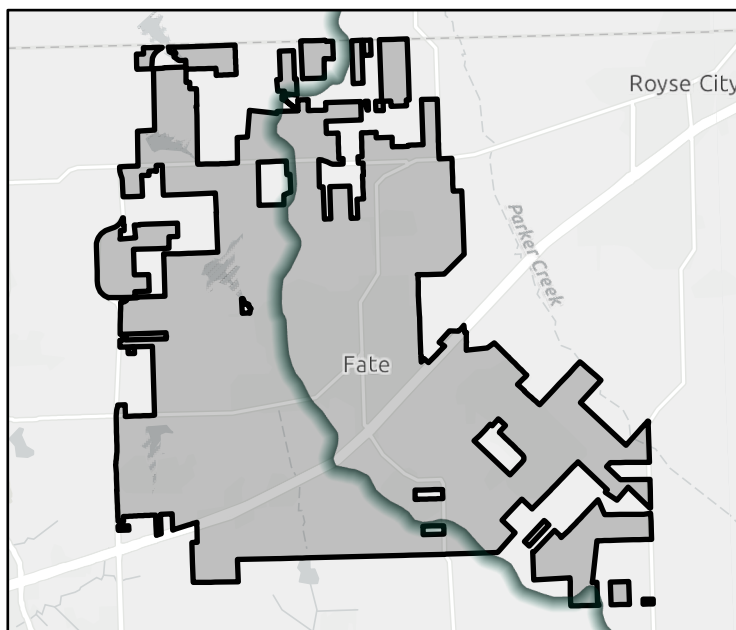
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

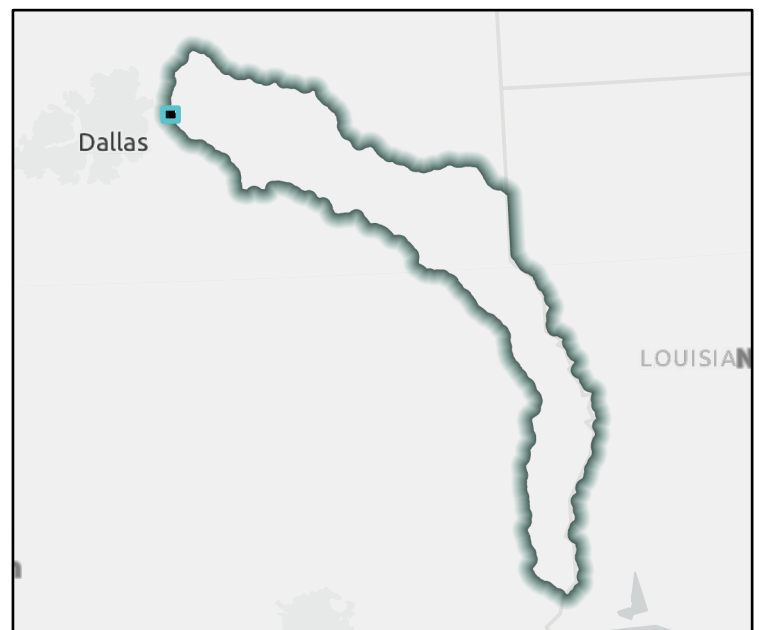
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? Yes Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

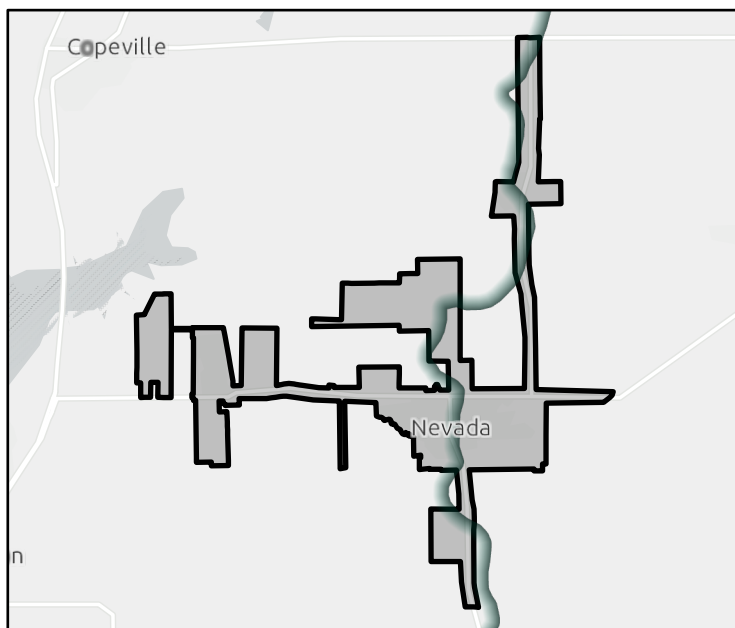
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

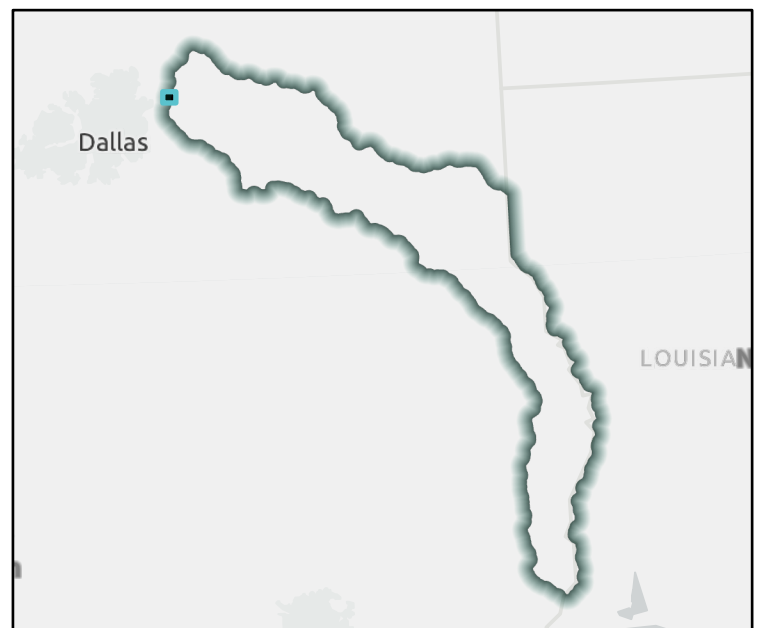
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

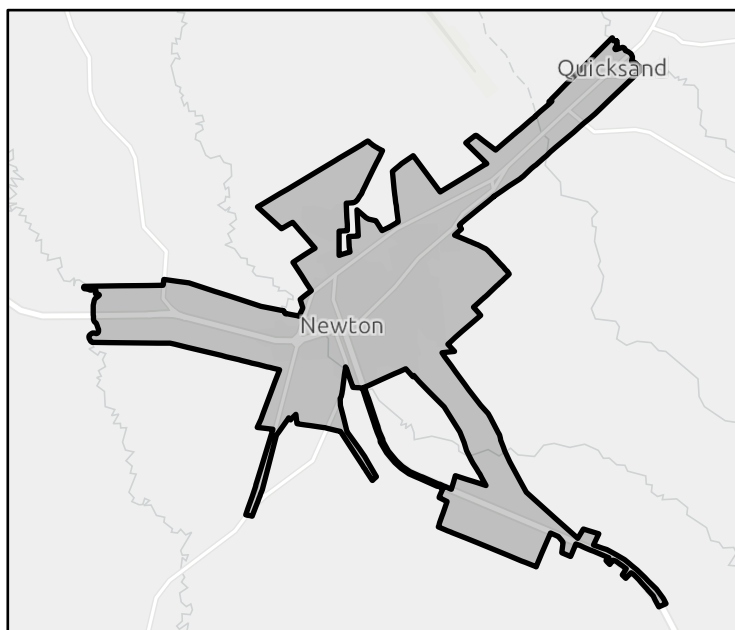
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

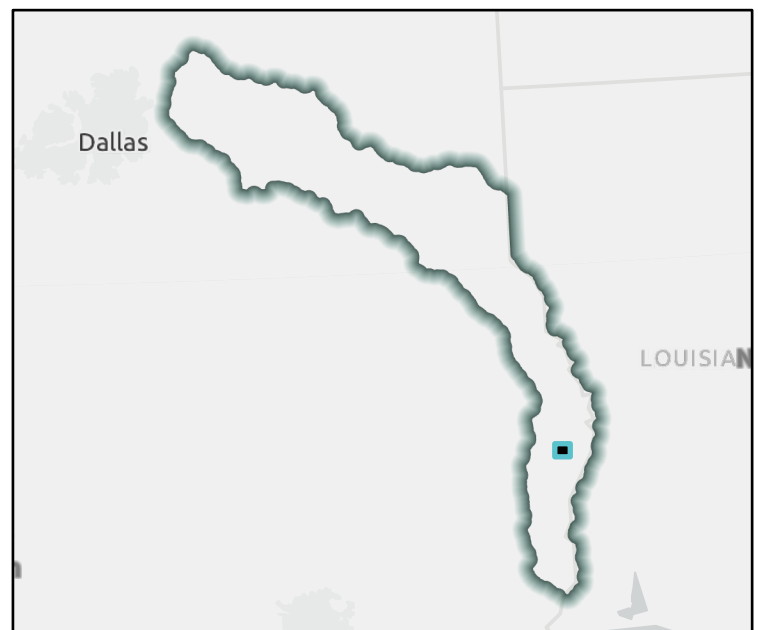
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? Yes Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

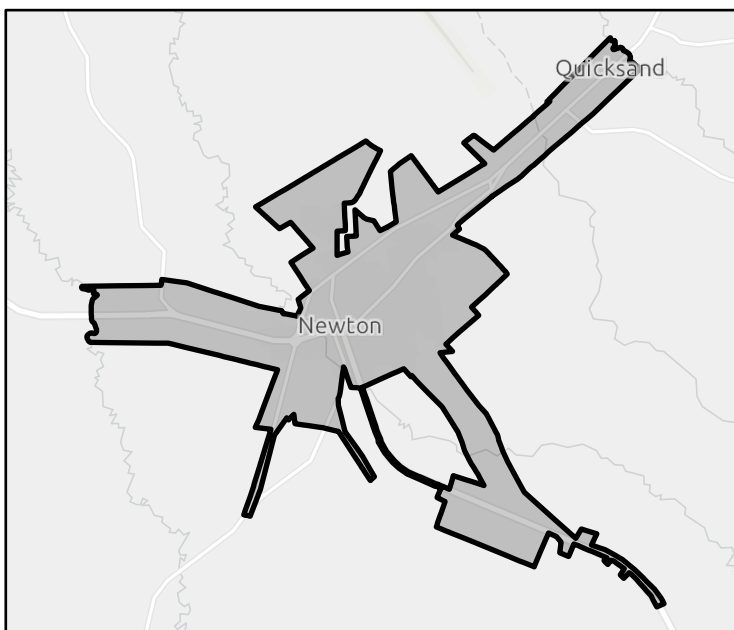
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

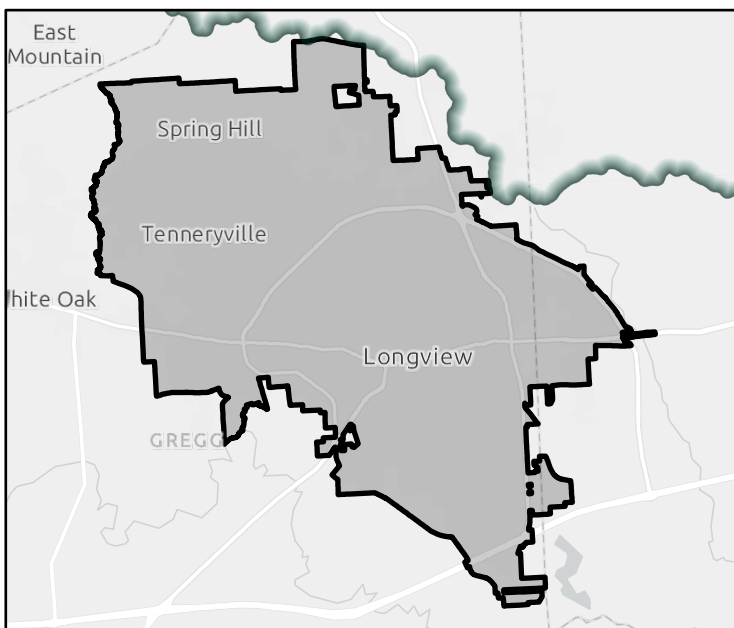
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

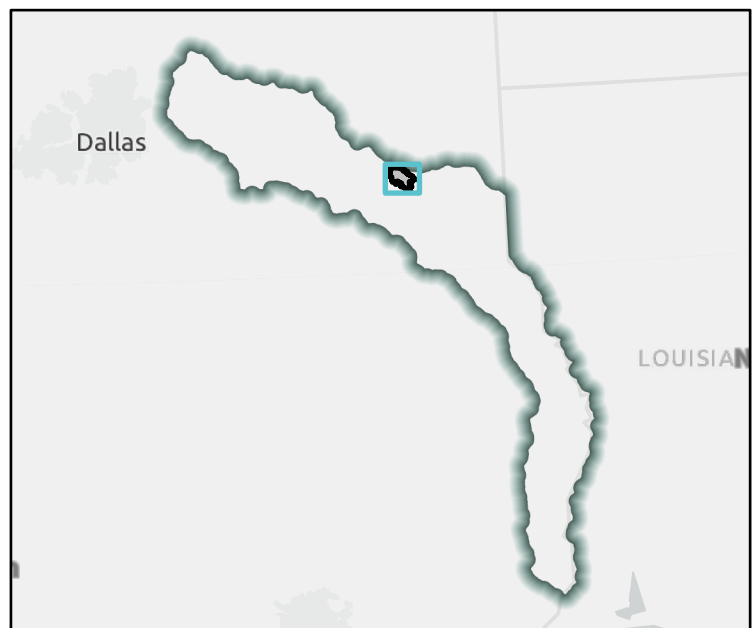
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? Yes Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

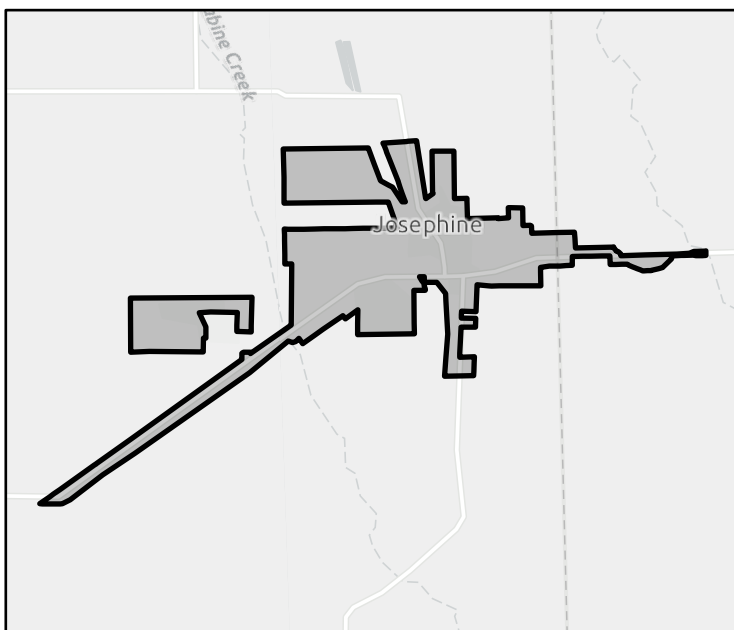
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

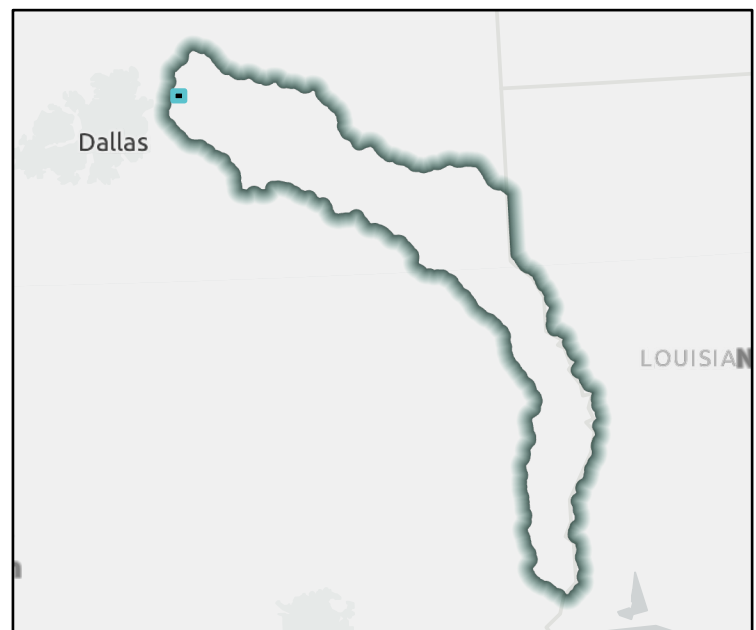
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

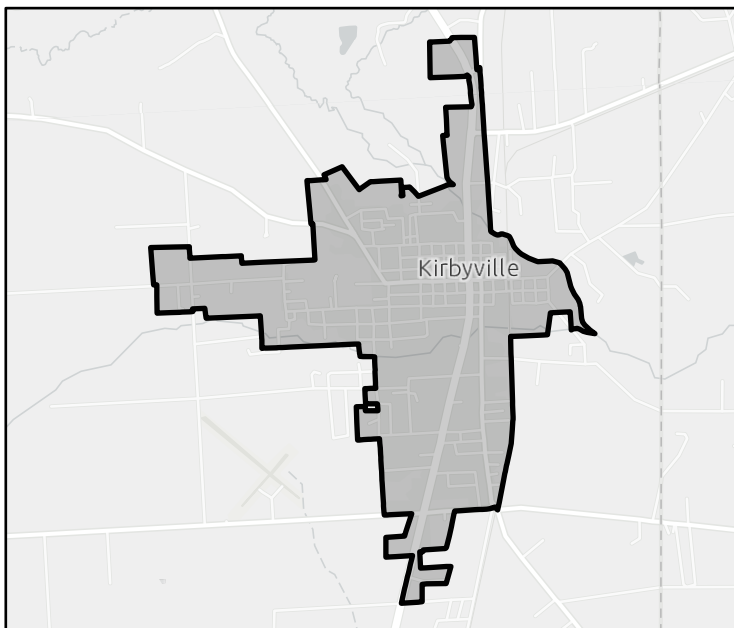
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? Yes Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

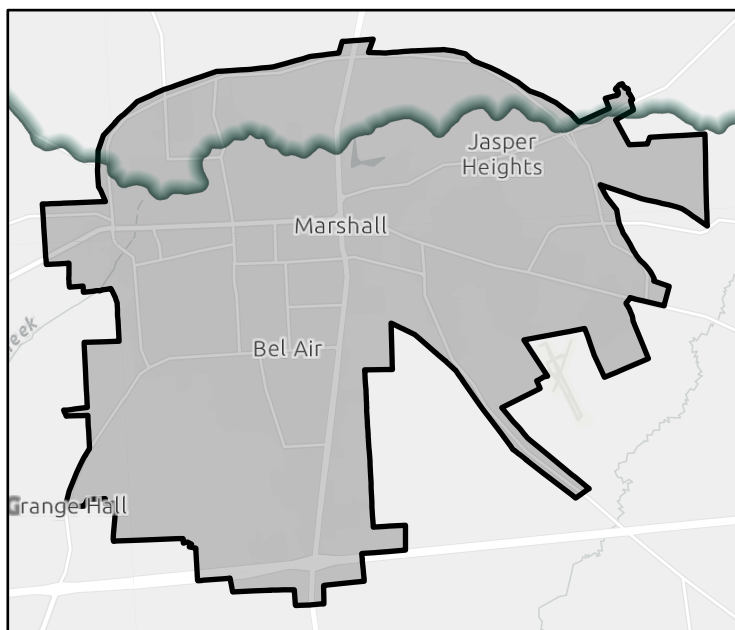
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

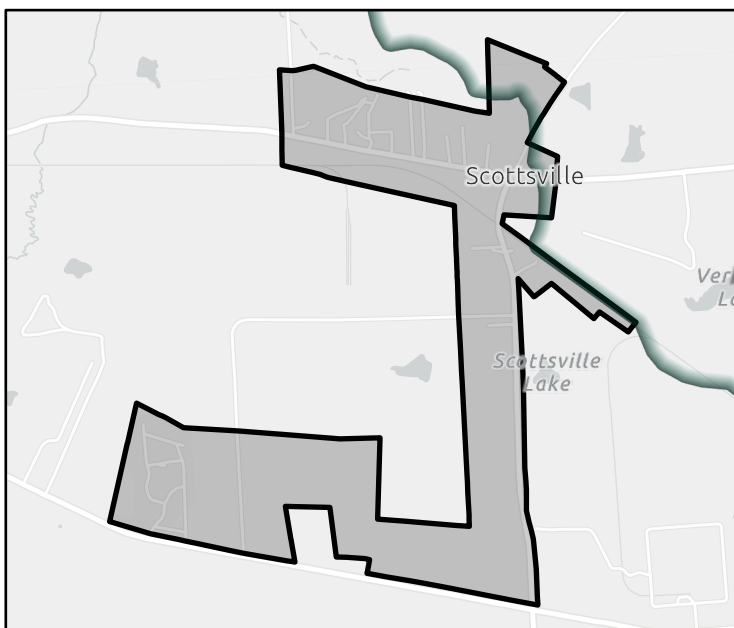
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? No Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.)

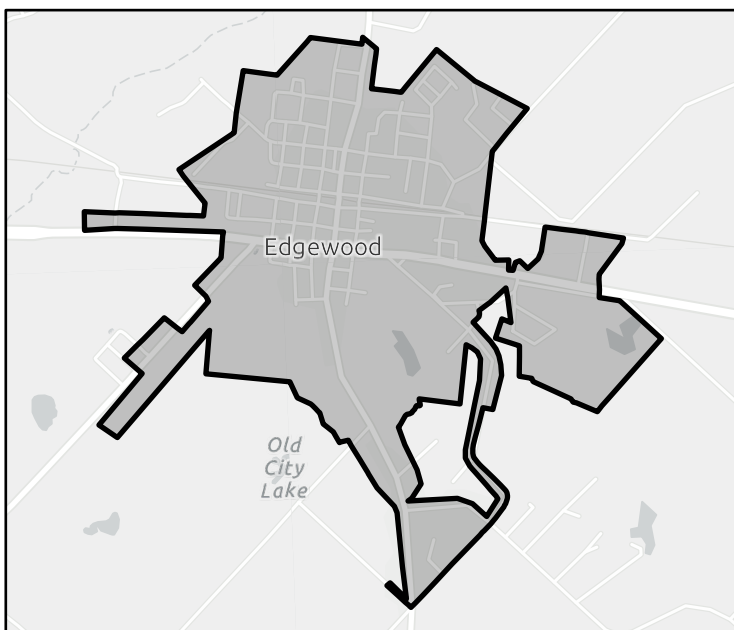
Goal(s)

100-Year Flood Risk Summary

Population at risk	<input type="text" value="22"/>	# of structures	<input type="text" value="27"/>	# of critical facilities	<input type="text" value="0"/>		
Flood risk type: Riverine?	<input checked="" type="checkbox"/> Yes	Coastal?	<input type="checkbox"/> No	Local Flooding?	<input type="checkbox"/> No	Other?	<input type="checkbox"/> No
Farm/Ranch land impacted (ac.)	<input type="text" value="29"/>	Roadways impacted (miles)	<input type="text" value="1"/>				
# of low water crossings	<input type="text" value="0"/>	# of historical road closures	<input type="text" value="0"/>				

Estimated Cost and Funding Availability

Total Cost	<input type="text" value="\$100,000"/>	Potential federal funding availability?	<input checked="" type="checkbox"/> Yes	Potential Federal Funding Sources	<input type="text" value="-"/>
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FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

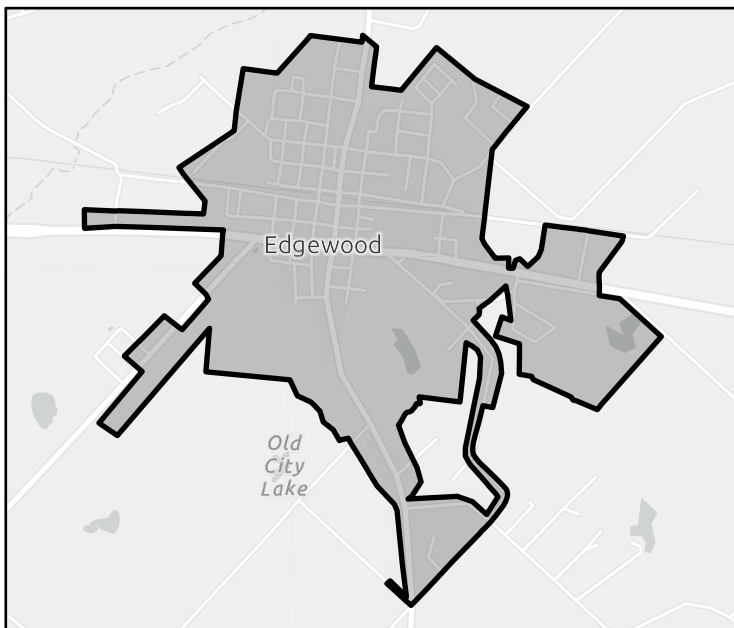
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? No Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

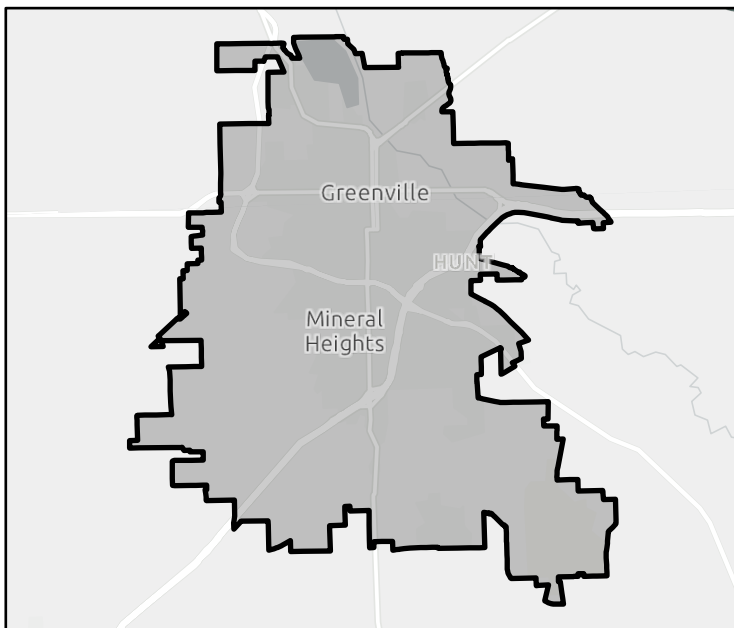
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

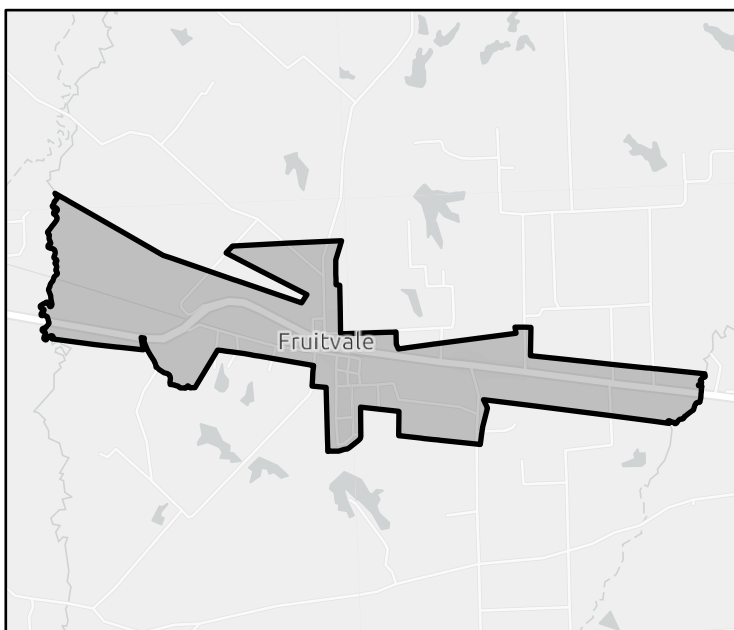
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

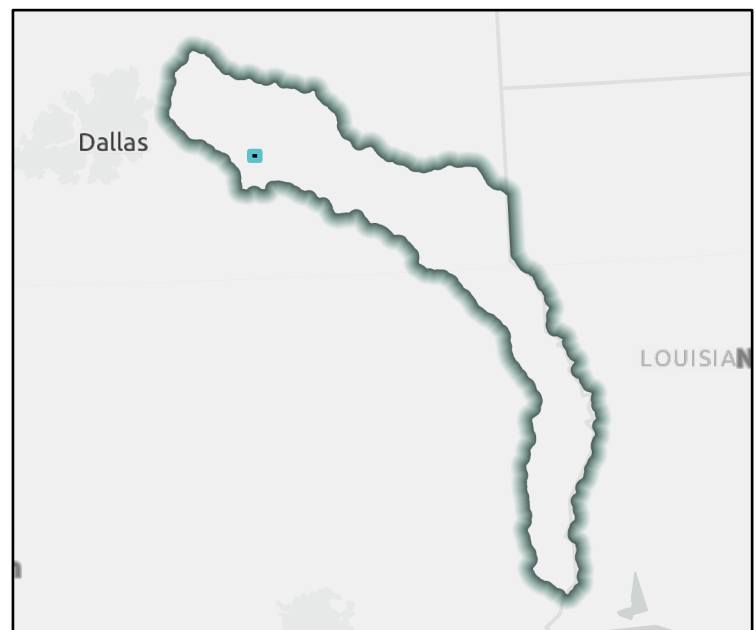
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? No Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

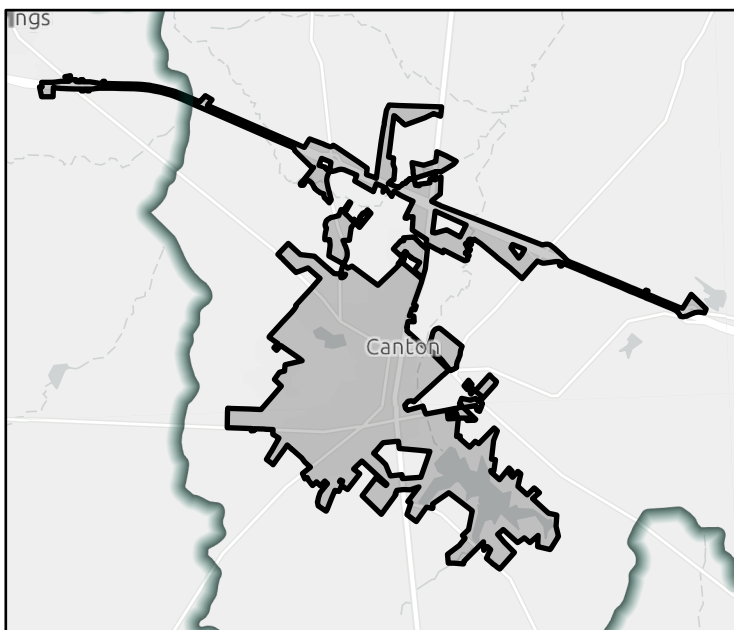
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

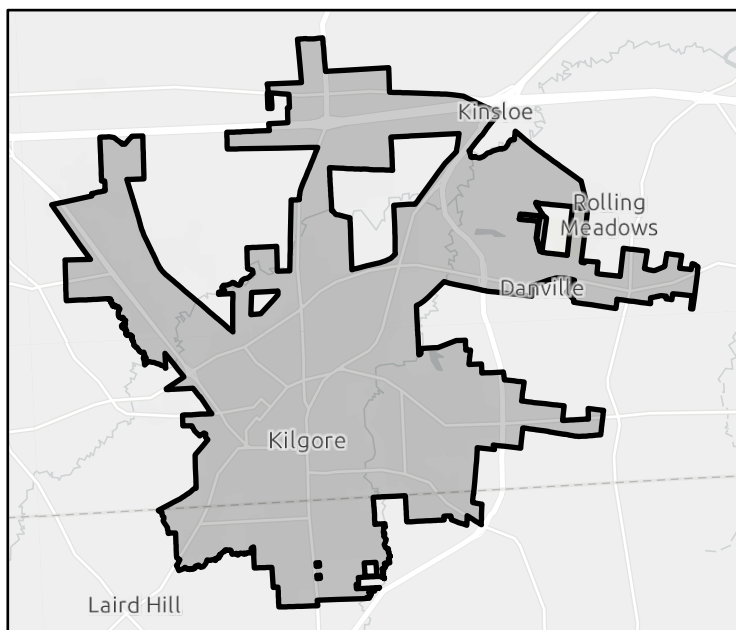
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

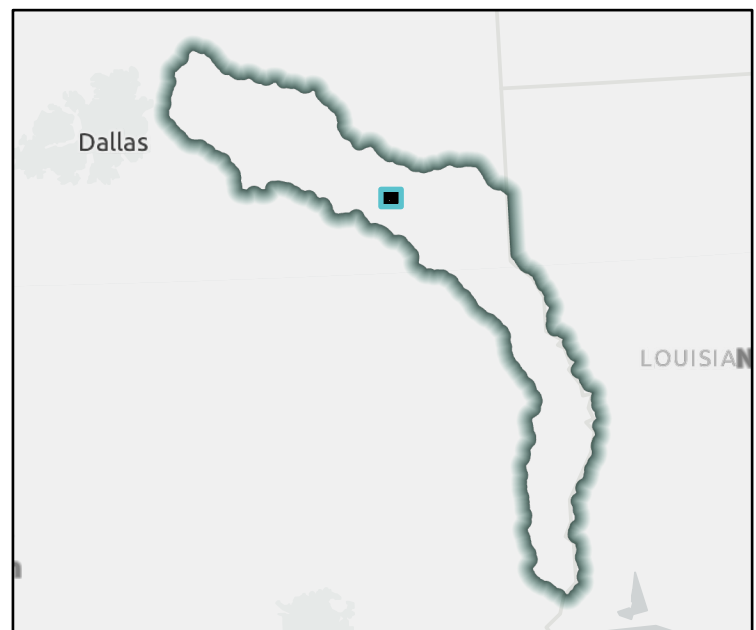
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

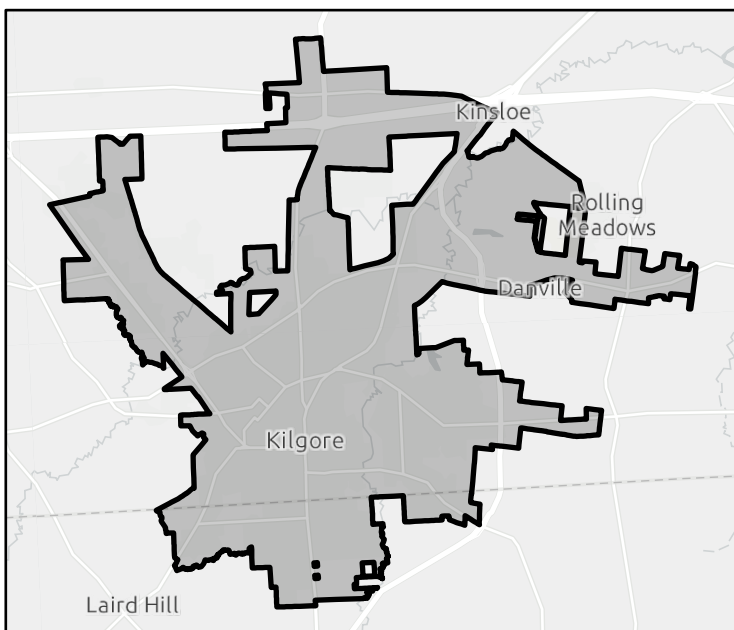
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

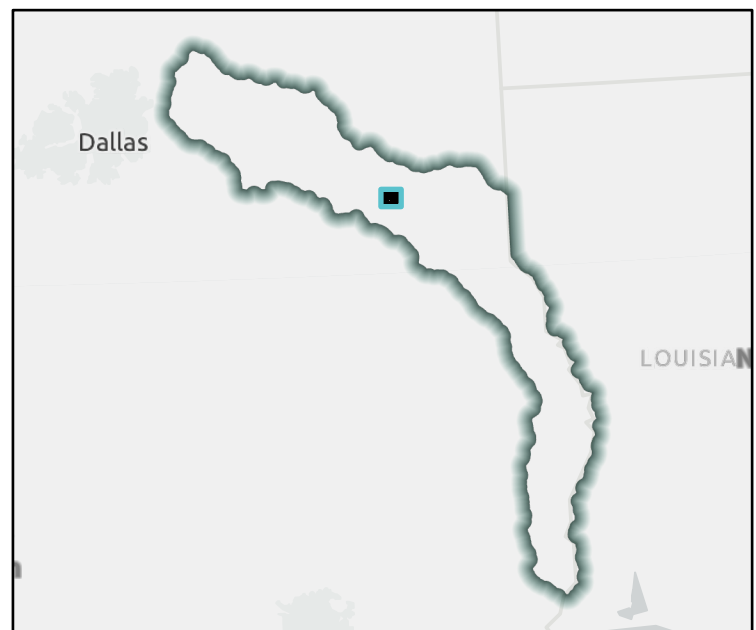
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? No Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

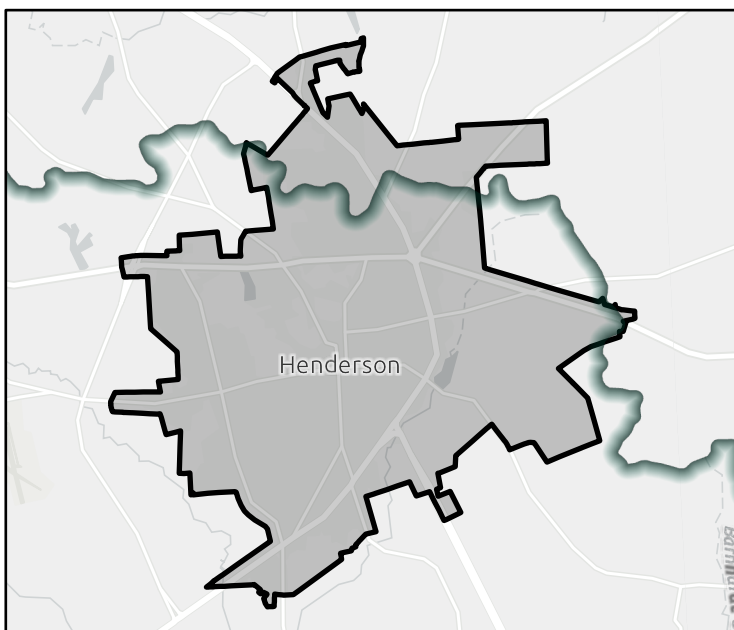
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? No Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

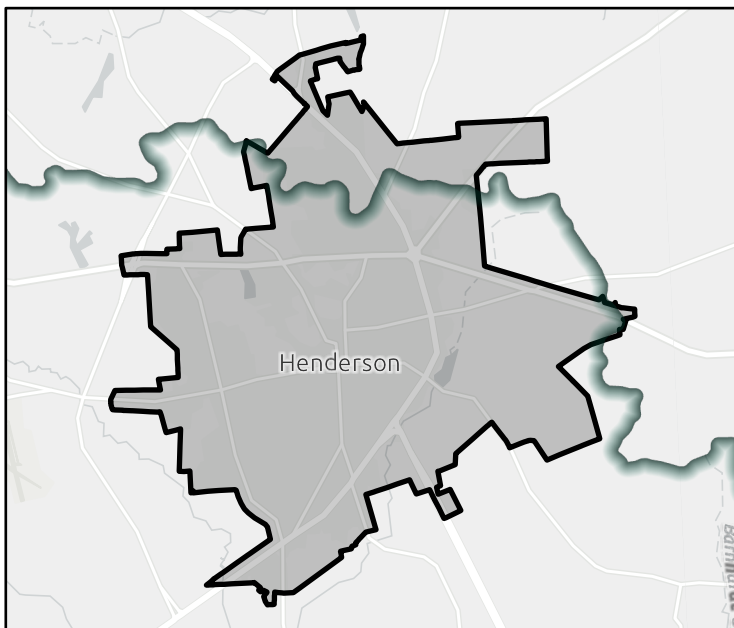
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? No Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

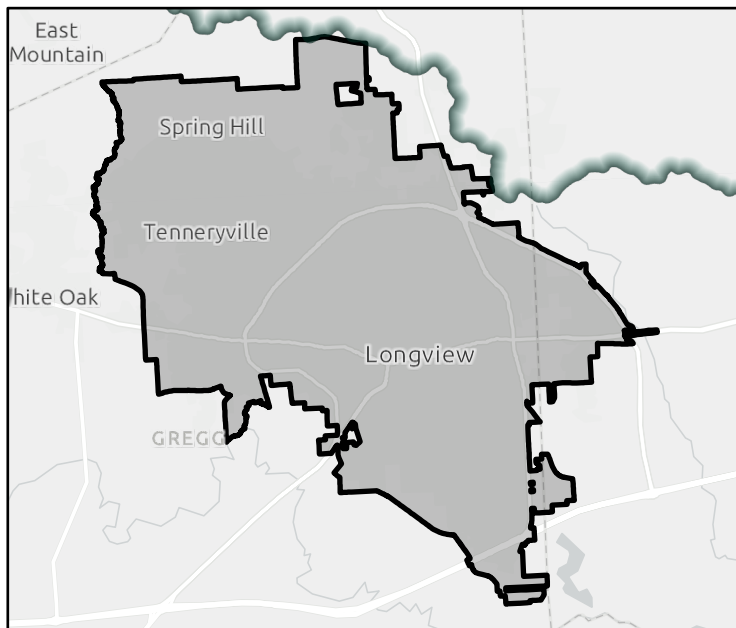
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

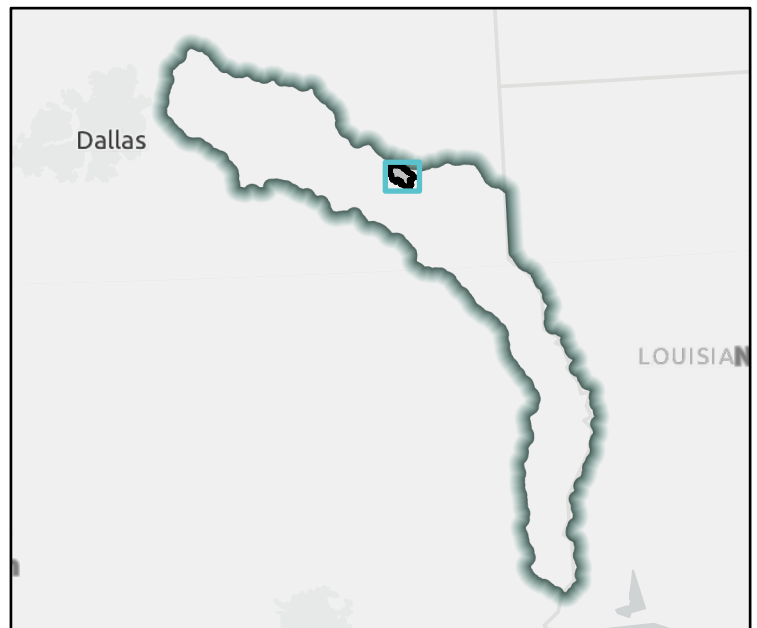
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title Lone Oak - Dam Inundation Study

ID# 041000040 Sponsor Lone Oak (Municipality)

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type Other County Hunt

Study description Dam inundation study, safety study, and inventory of mitigation activities to implement for the county dams.

FME to create new H&H model? No Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.) 1

Goal(s) Goal 1: Advance multiple flood protection planning studies and preliminary engineering efforts in flood prone areas including the Sabine Pass to Galveston CSRM.

100-Year Flood Risk Summary

Population at risk 2 # of structures 3 # of critical facilities 0

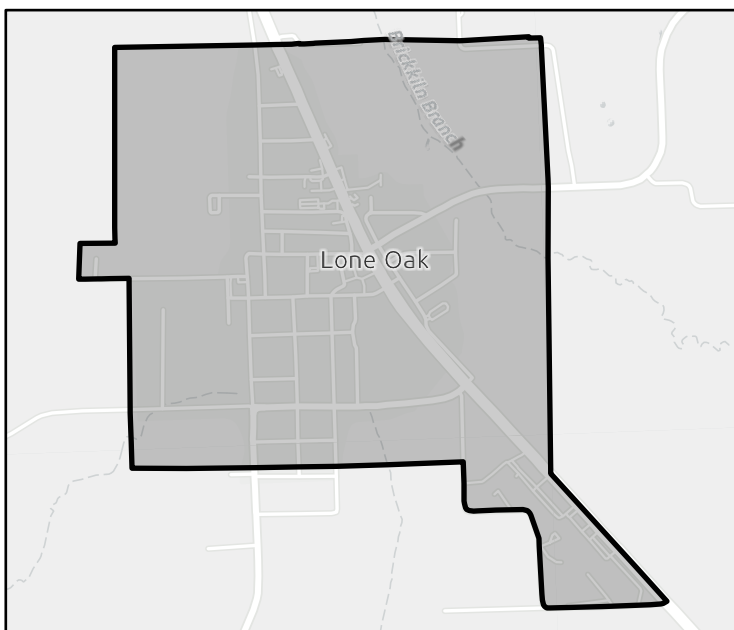
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) 30 Roadways impacted (miles) 0

of low water crossings 0 # of historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$500,000 Potential federal funding availability? Yes Potential Federal Funding Sources -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title Kirbyville Drainage Improvement Study

ID# 041000041 Sponsor Kirbyville (Municipality)

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type Project Planning County Jasper

Study description Study to coordinate and improve storm water drainage throughout the county; encourage new development to balance impervious surfaces with adjacent green space

FME to create new H&H model? No Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.) 2

Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.
Goal 2: Advance multiple flood protection planning studies and preliminary engineering efforts in flood prone areas including the Sabine Pass to Galveston CSRM.

100-Year Flood Risk Summary

Population at risk 436 # of structures 135 # of critical facilities 3

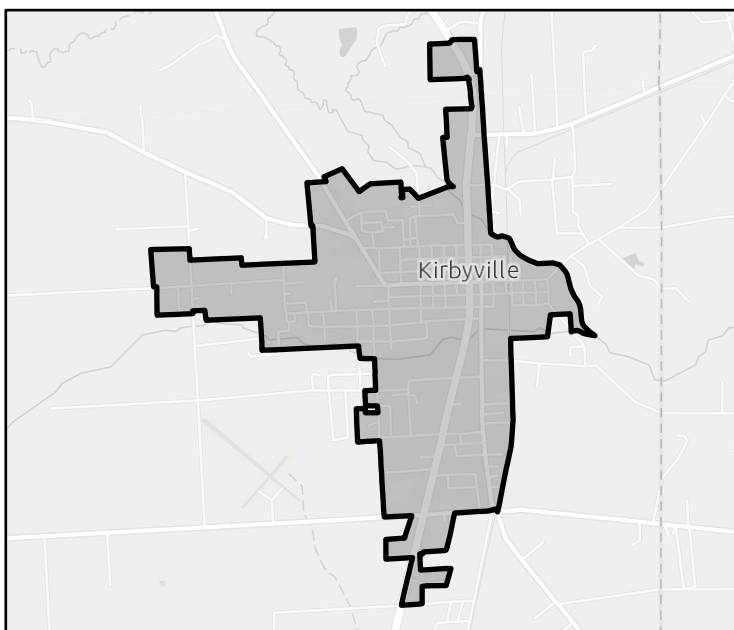
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) 12 Roadways impacted (miles) 3

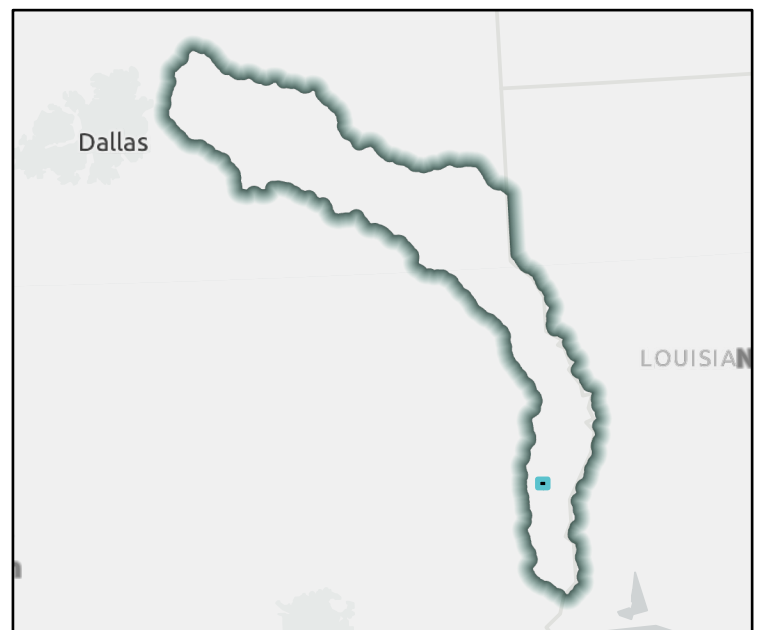
of low water crossings 3 # of historical road closures 3

Estimated Cost and Funding Availability

Total Cost \$100,000 Potential federal funding availability? Yes Potential Federal Funding Sources -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



Title Feasibility Assessment and Conceptual Design of Dredging of Segments of Adams Bayou

ID# 041000042 Sponsor Orange County Drainage District

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type Project Planning County Orange

Study description H&H Study and Modeling for Feasibility Assessment of Dredging of Segments of Adams Bayou

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.) 146

Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.
 Goal 2: Increase the coverage of adequate flood hazard mapping to at least 50% of the region.
 Goal 3: Increase regulatory flood hazard mapping in at least 50% of the areas identified as having out of date flood mapping.
 Goal 4: Advance multiple flood protection planning studies and preliminary engineering efforts in flood prone areas including the Sabine Pass to Galveston CSRSM.

100-Year Flood Risk Summary

Population at risk 18,428 # of structures 10,571 # of critical facilities 306

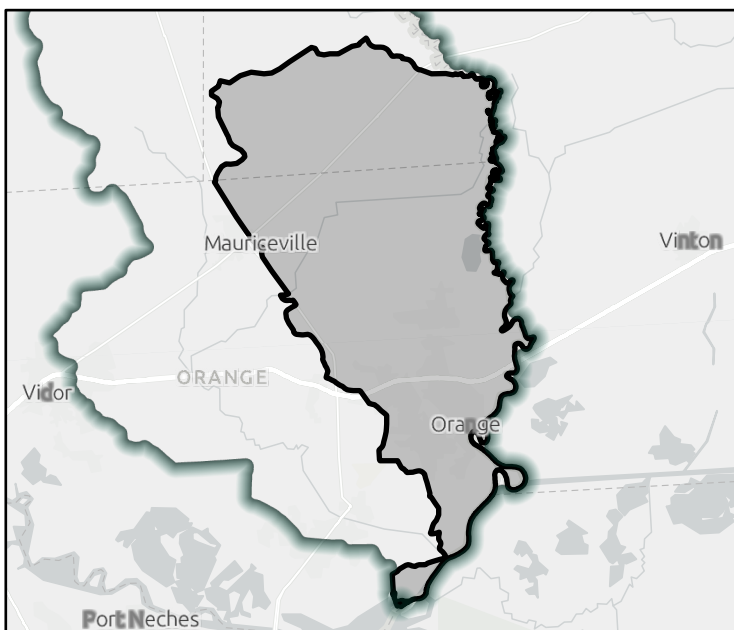
Flood risk type: Riverine? Yes Coastal? Yes Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) 9,260 Roadways impacted (miles) 240

of low water crossings 15 # of historical road closures 15

Estimated Cost and Funding Availability

Total Cost \$2,000,000 Potential federal funding availability? Yes Potential Federal Funding Sources -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.
 Goal 2: Increase the coverage of adequate flood hazard mapping to at least 50% of the region.
 Goal 3: Increase regulatory flood hazard mapping in at least 50% of the areas identified as having out of date flood mapping.
 Goal 4: Advance multiple flood protection planning studies and preliminary engineering efforts in flood prone areas including the Sabine Pass to Galveston CSRSM.

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

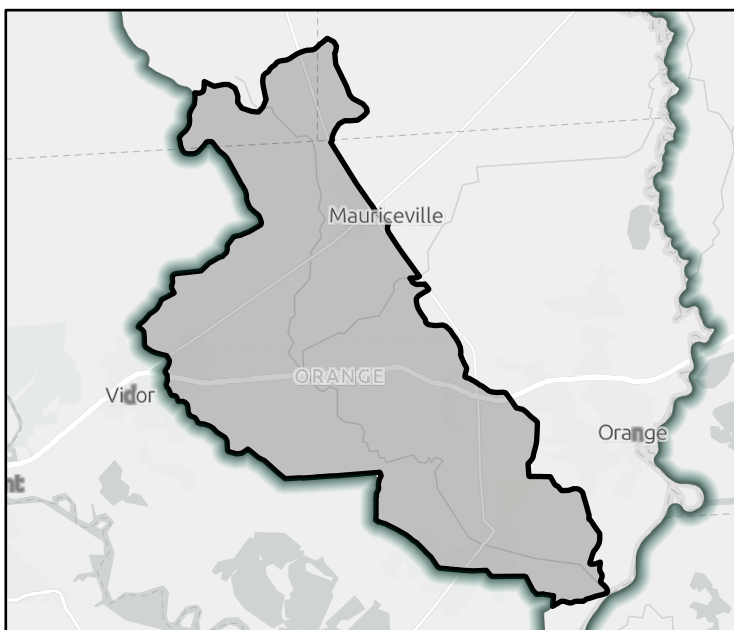
Flood risk type: Riverine? Yes Coastal? Yes Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

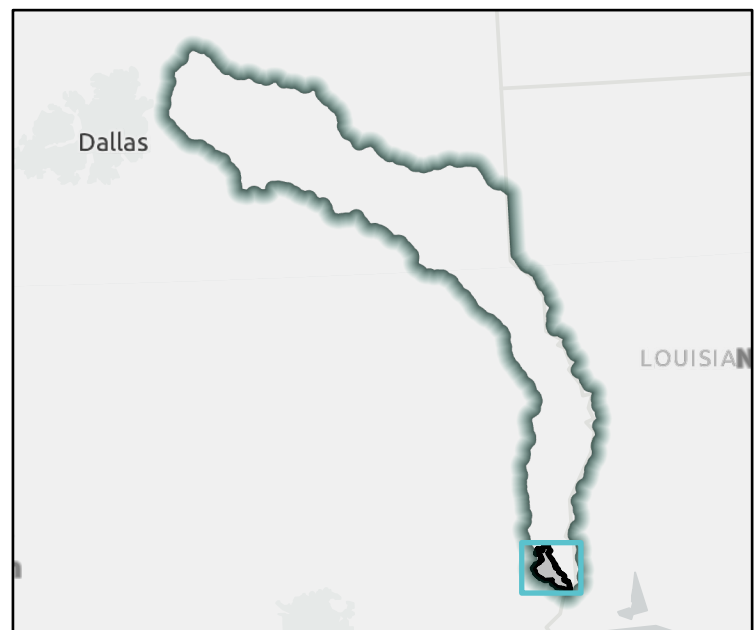
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title Feasibility Assessment and Conceptual Design of Dredging of Segments of Little Cypress Bayou
 ID# 041000044 Sponsor Orange County Drainage District
 Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type Project Planning County Orange
 Study description H&H Study and Modeling for Feasibility Assessment of Dredging of Segments of Little Cypress Bayou

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.) 146

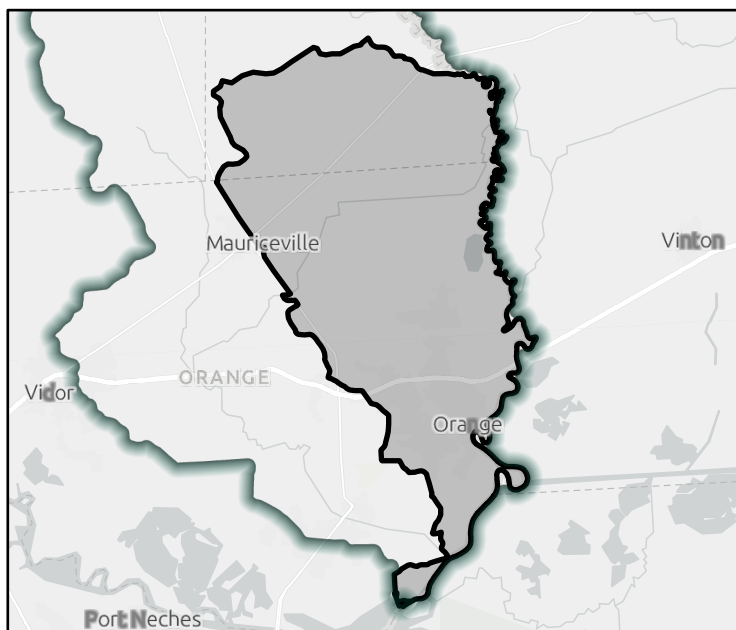
Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.
 Goal 2: Increase the coverage of adequate flood hazard mapping to at least 50% of the region.
 Goal 3: Increase regulatory flood hazard mapping in at least 50% of the areas identified as having out of date flood mapping.
 Goal 4: Advance multiple flood protection planning studies and preliminary engineering efforts in flood prone areas including the Sabine Pass to Galveston CSRSM.

100-Year Flood Risk Summary

Population at risk 18,428 # of structures 10,571 # of critical facilities 306
 Flood risk type: Riverine? Yes Coastal? Yes Local Flooding? No Other? No
 Farm/Ranch land impacted (ac.) 9,260 Roadways impacted (miles) 240
 # of low water crossings 15 # of historical road closures 15

Estimated Cost and Funding Availability

Total Cost \$1,000,000 Potential federal funding availability? Yes Potential Federal Funding Sources -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



Title **Feasibility Assessment and Conceptual Design of Constructing a Stormwater Detention Pond Adjacent to Cow Bayou near Claiborne Park**

ID# **041000045** Sponsor **Orange County Drainage District**

Recommended by RFPG? **Yes** Reason for Recommendation **Aligns with RFPG Goals**

Study Details

Study type **Project Planning** County **Orange**

Study description **H&H Study and Modeling for Feasibility Assessment of Construction of a Stormwater Detention Pond Adjacent to Cow Bayou near Claiborne Park**

FME to create new H&H model? **Yes** Emergency Need? **Yes** Anticipated models in near term? **Yes** Drainage area (sq. mi., est.) **119**

Goal(s) **Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.
 Goal 2: Increase the coverage of adequate flood hazard mapping to at least 50% of the region.
 Goal 3: Increase regulatory flood hazard mapping in at least 50% of the areas identified as having out of date flood mapping.
 Goal 4: Advance multiple flood protection planning studies and preliminary engineering efforts in flood prone areas including the Sabine Pass to Galveston CSRSM.**

100-Year Flood Risk Summary

Population at risk **10,805** # of structures **7,655** # of critical facilities **7**

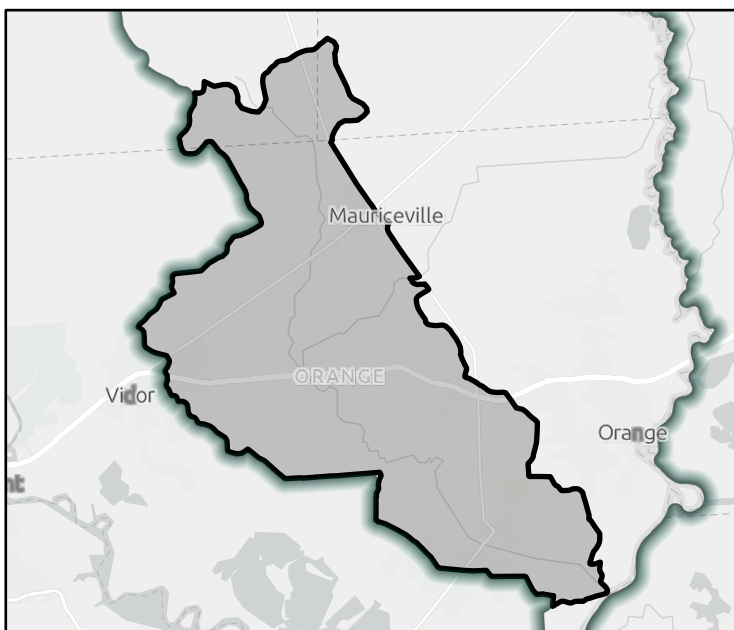
Flood risk type: Riverine? **Yes** Coastal? **Yes** Local Flooding? **No** Other? **No**

Farm/Ranch land impacted (ac.) **9,437** Roadways impacted (miles) **156**

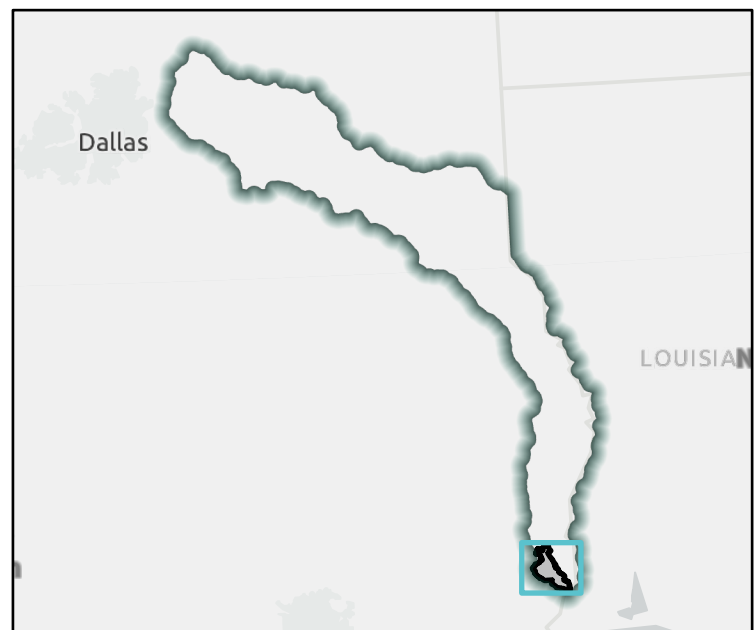
of low water crossings **7** # of historical road closures **7**

Estimated Cost and Funding Availability

Total Cost **\$600,000** Potential federal funding availability? **Yes** Potential Federal Funding Sources **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title Feasibility Assessment and Conceptual Design of Increasing the Size of Culverts and Railroad Trestles on Major Drainage Structures

ID# 041000046 Sponsor Orange County Drainage District

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type Project Planning County Orange

Study description H&H Study and Modeling for Determination of Need and Feasibility Assessment for Increase in Size of Culverts and Railroad Trestles on Major Drainage Structures Throughout Orange County

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.) 371

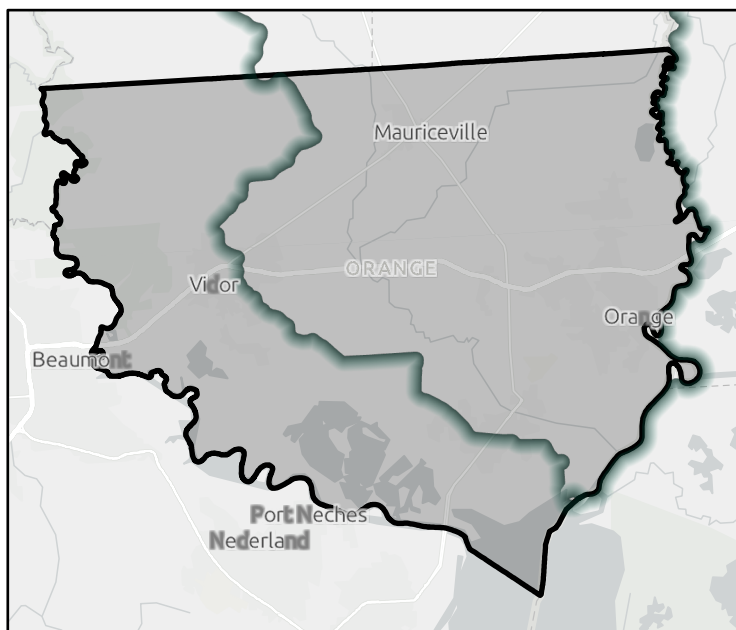
- Goal(s)
- Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.
 - Goal 2: Increase the coverage of adequate flood hazard mapping to at least 50% of the region.
 - Goal 3: Increase regulatory flood hazard mapping in at least 50% of the areas identified as having out of date flood mapping.
 - Goal 4: Advance multiple flood protection planning studies and preliminary engineering efforts in flood prone areas including the Sabine Pass to Galveston CSRSM.

100-Year Flood Risk Summary

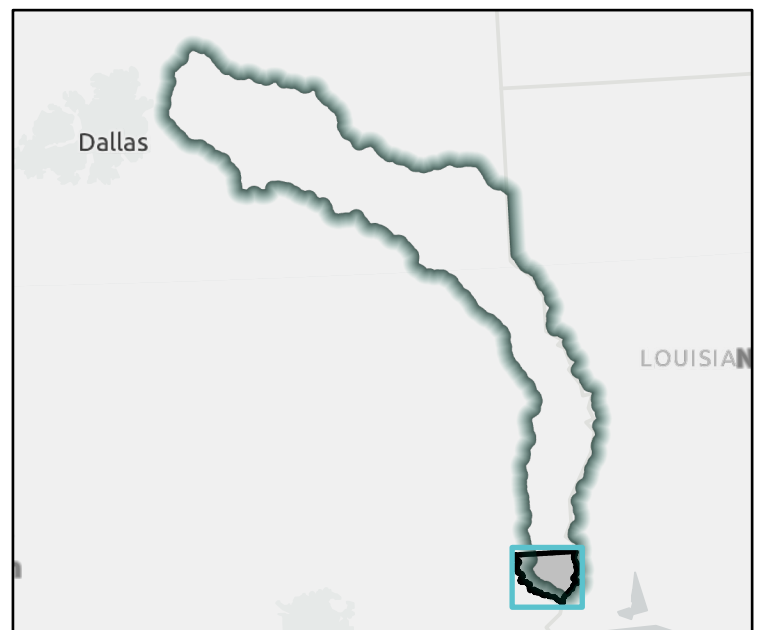
Population at risk	26,881	# of structures	16,974	# of critical facilities	276
Flood risk type: Riverine?	Yes	Coastal?	Yes	Local Flooding?	No
				Other?	No
Farm/Ranch land impacted (ac.)	17,171	Roadways impacted (miles)	364		
# of low water crossings	22	# of historical road closures	22		

Estimated Cost and Funding Availability

Total Cost	\$500,000	Potential federal funding availability?	Yes	Potential Federal Funding Sources	-
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FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title Feasibility Assessment and Conceptual Design of Increasing Capacity of Drainage Ditches and Channels that Convey Stormwater from Neighborhoods

ID# 041000047 Sponsor Orange County Drainage District

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type Project Planning County Orange

Study description H&H Study and Modeling for Determination of Need and Feasibility Assessment of the Capacity of Drainage Ditches and Channels that Convey Stormwater from Neighborhoods Located Within Orange County

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.) 371

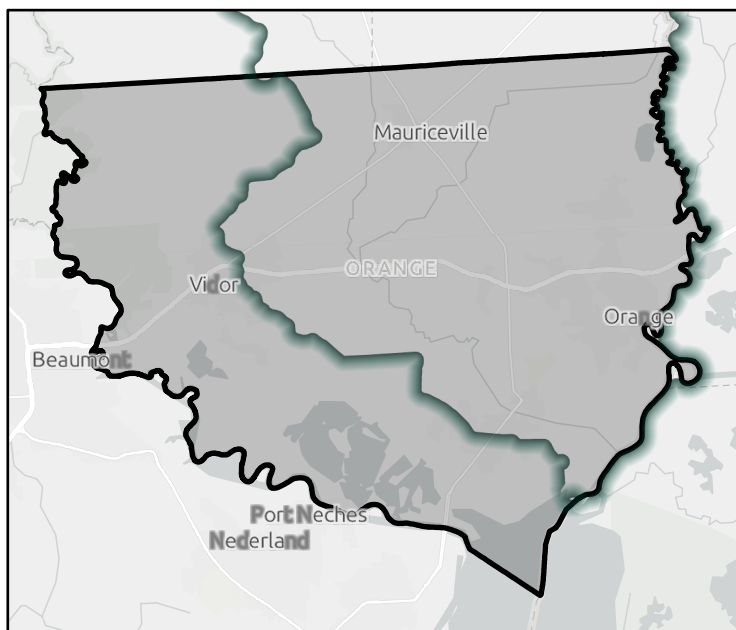
Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.
 Goal 2: Increase the coverage of adequate flood hazard mapping to at least 50% of the region.
 Goal 3: Increase regulatory flood hazard mapping in at least 50% of the areas identified as having out of date flood mapping.
 Goal 4: Advance multiple flood protection planning studies and preliminary engineering efforts in flood prone areas including the Sabine Pass to Galveston CSRSM.

100-Year Flood Risk Summary

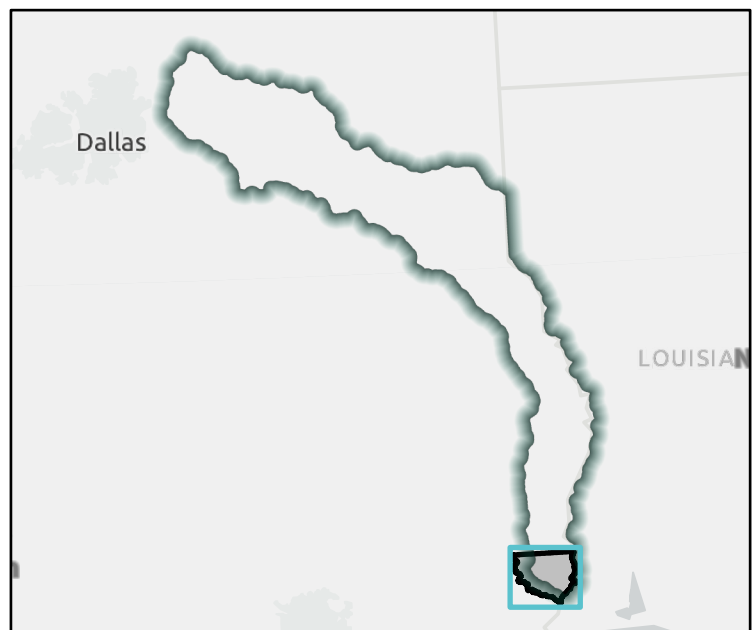
Population at risk	26,881	# of structures	16,974	# of critical facilities	276
Flood risk type: Riverine?	Yes	Coastal?	Yes	Local Flooding?	No
				Other?	No
Farm/Ranch land impacted (ac.)	17,171	Roadways impacted (miles)	364		
# of low water crossings	22	# of historical road closures	22		

Estimated Cost and Funding Availability

Total Cost	\$1,000,000	Potential federal funding availability?	Yes	Potential Federal Funding Sources	-
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FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

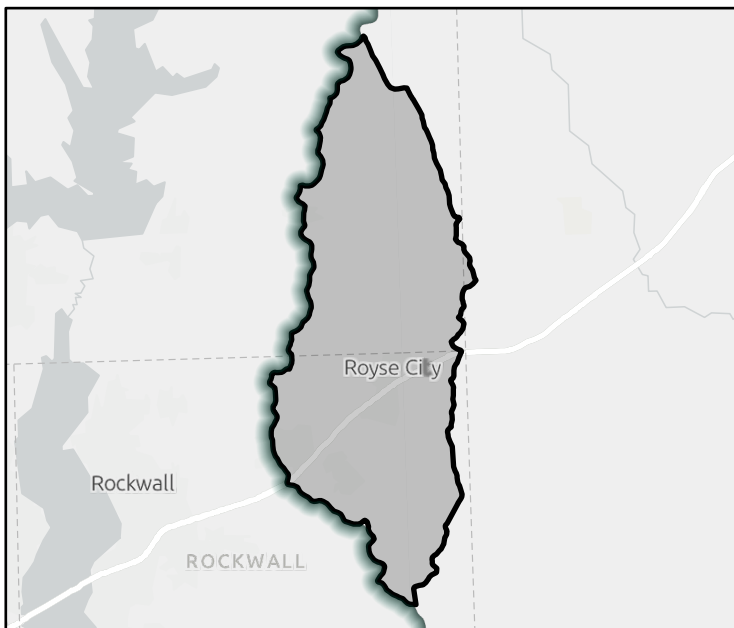
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? No Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.
 Goal 2: Increase the coverage of adequate flood hazard mapping to at least 50% of the region.
 Goal 3: Increase regulatory flood hazard mapping in at least 50% of the areas identified as having out of date flood mapping.
 Goal 4: Advance multiple flood protection planning studies and preliminary engineering efforts in flood prone areas including the Sabine Pass to Galveston CSRSM.

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

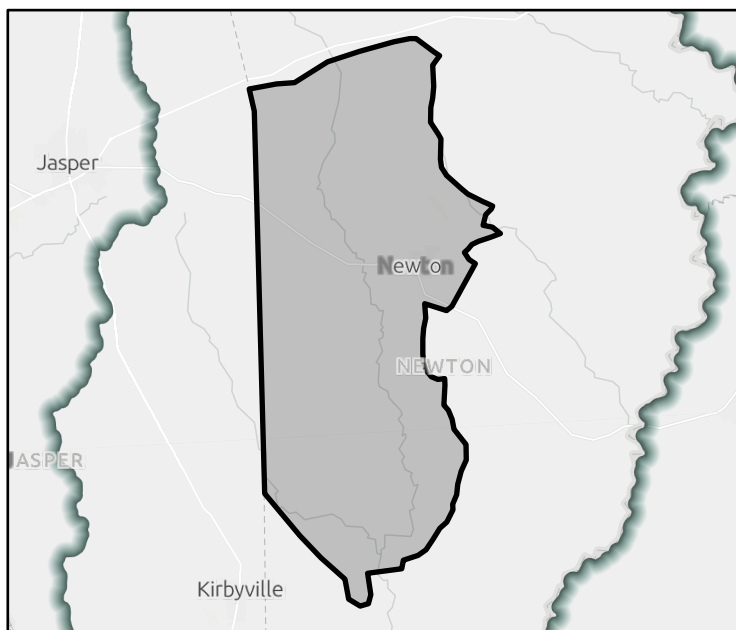
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? No Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.)

- Goal(s)
- Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.
 - Goal 2: Increase the coverage of adequate flood hazard mapping to at least 50% of the region.
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100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

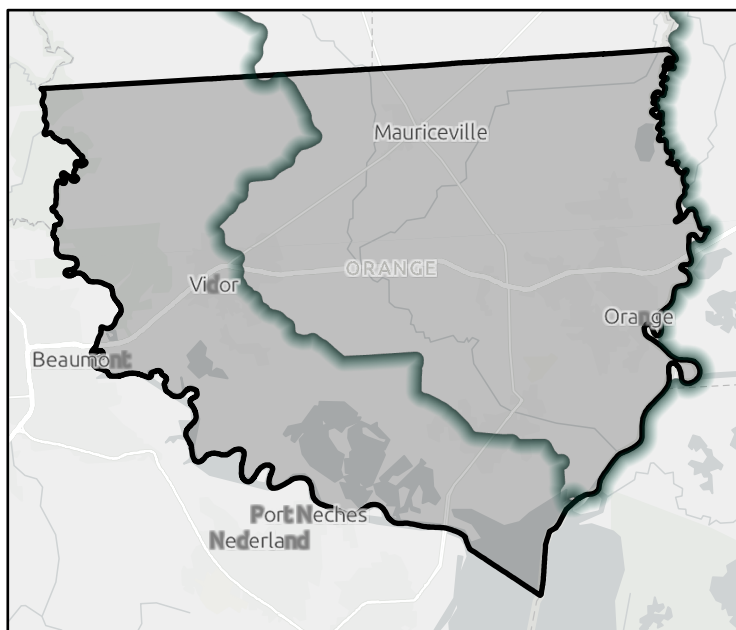
Flood risk type: Riverine? Yes Coastal? Yes Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

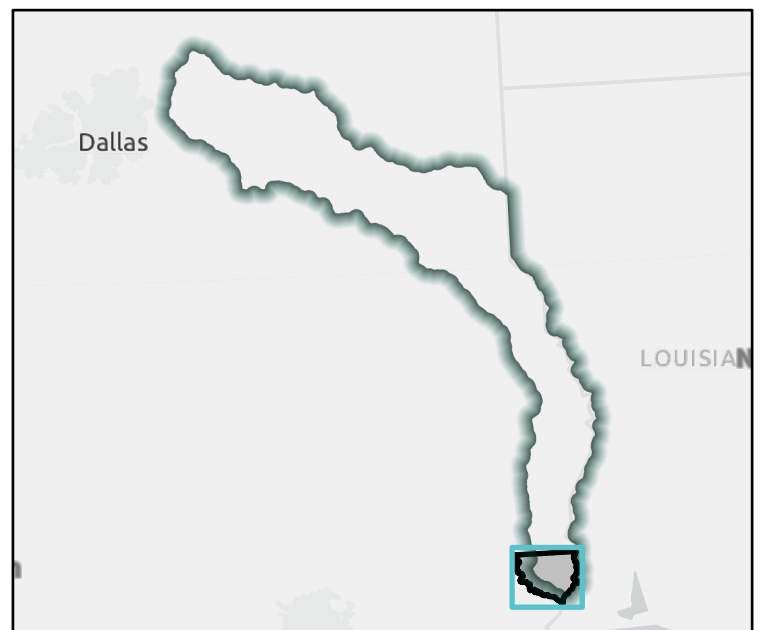
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

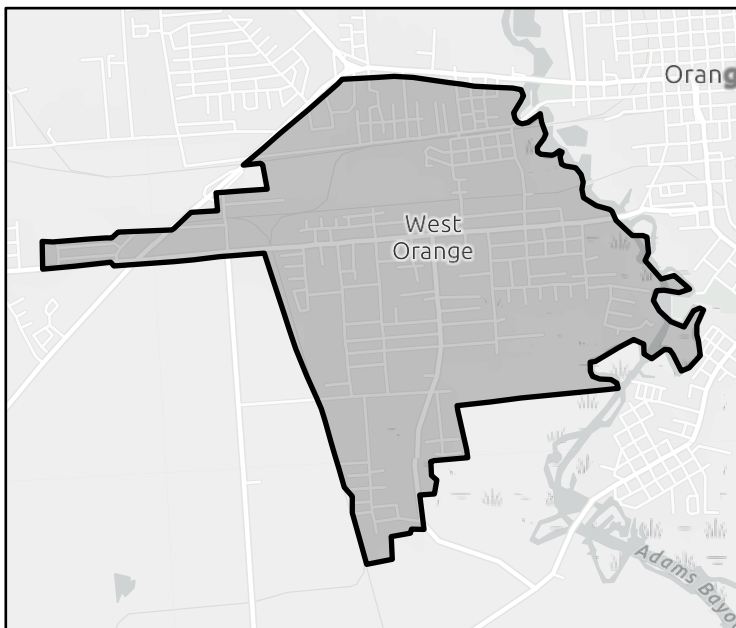
Flood risk type: Riverine? Yes Coastal? Yes Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

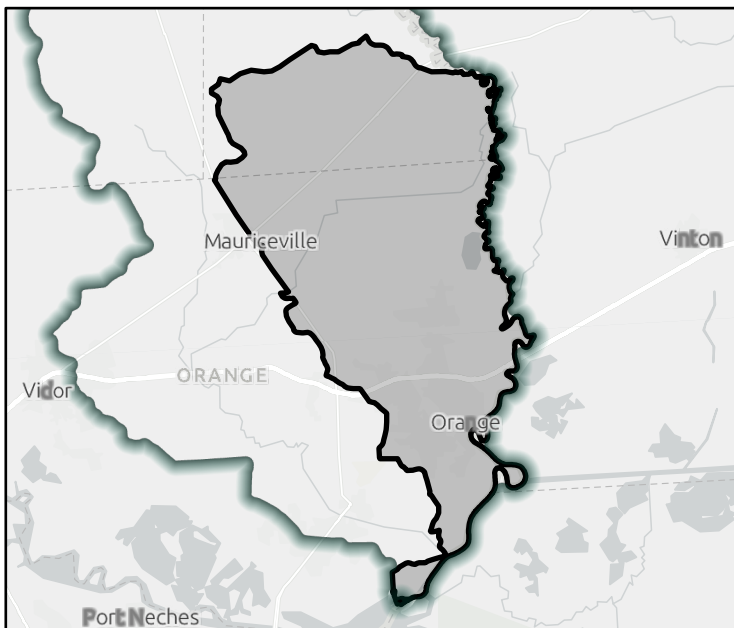
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.
 Goal 2: Increase the coverage of adequate flood hazard mapping to at least 50% of the region.
 Goal 3: Increase regulatory flood hazard mapping in at least 50% of the areas identified as having out of date flood mapping.
 Goal 4: Advance multiple flood protection planning studies and preliminary engineering efforts in flood prone areas including the Sabine Pass to Galveston CSRSM.

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

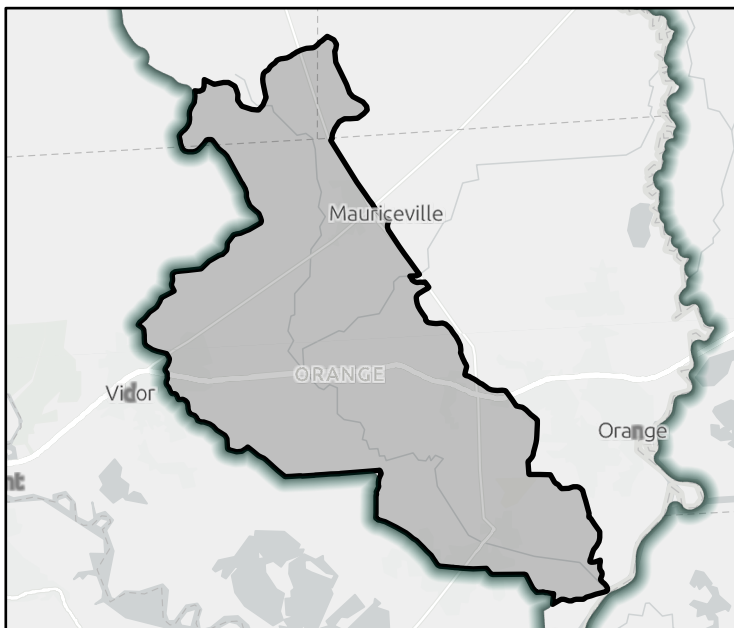
Flood risk type: Riverine? Yes Coastal? Yes Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

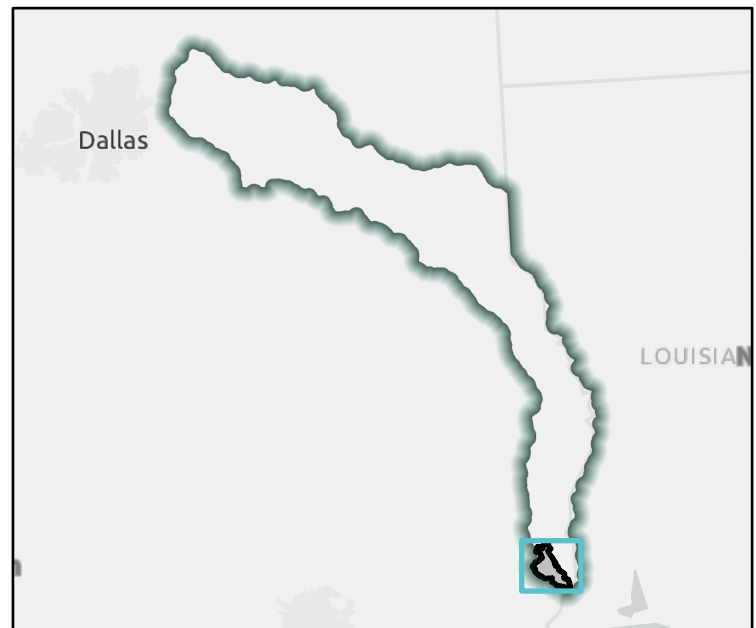
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.
 Goal 2: Increase the coverage of adequate flood hazard mapping to at least 50% of the region.
 Goal 3: Increase regulatory flood hazard mapping in at least 50% of the areas identified as having out of date flood mapping.
 Goal 4: Advance multiple flood protection planning studies and preliminary engineering efforts in flood prone areas including the Sabine Pass to Galveston CSRSM.

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

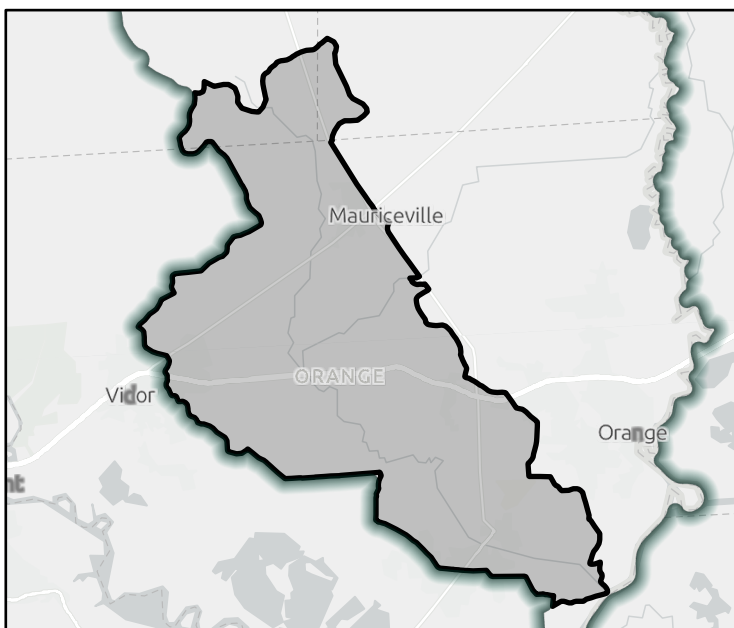
Flood risk type: Riverine? Yes Coastal? Yes Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

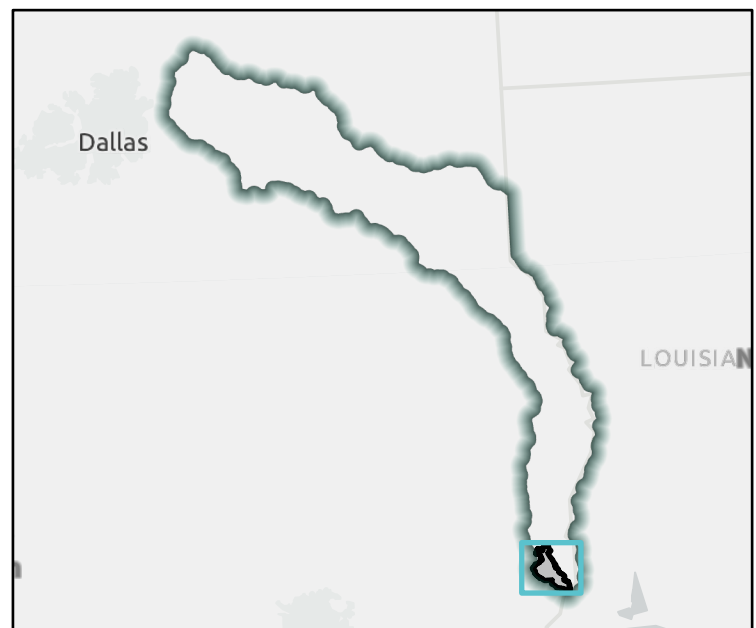
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

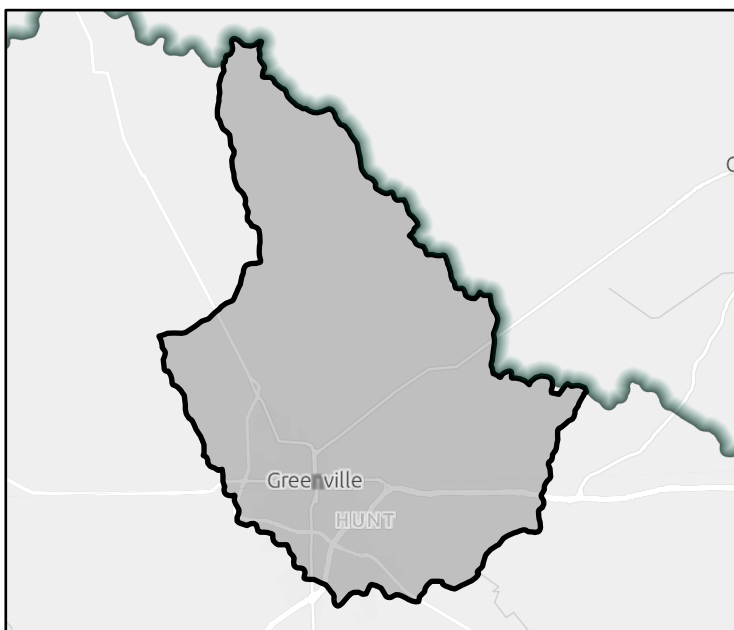
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

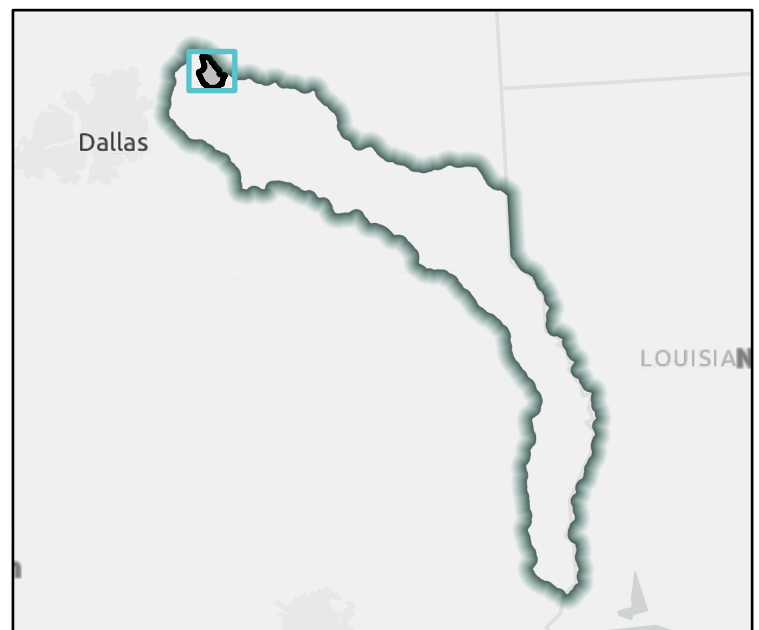
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

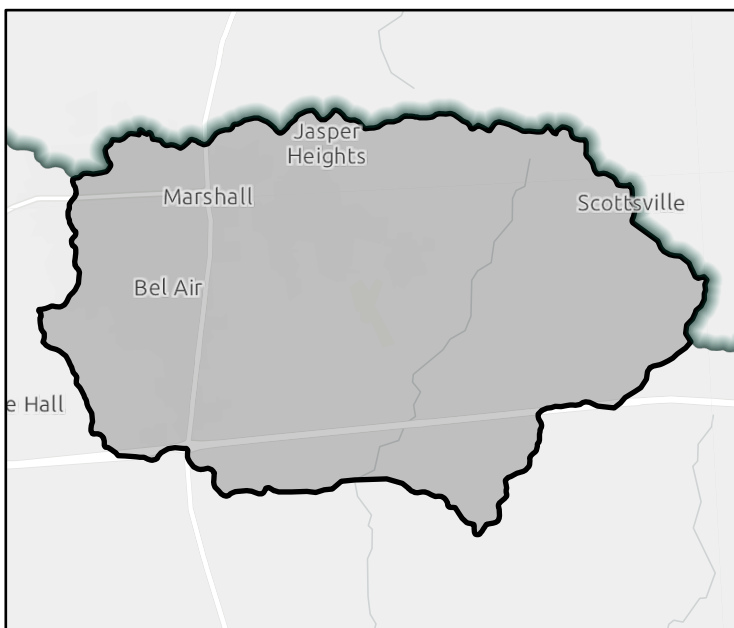
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

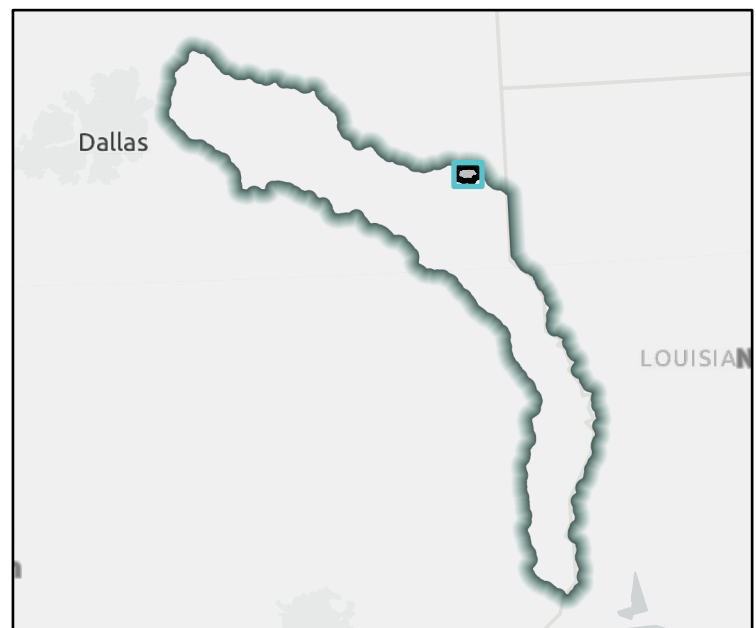
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



Title Terry Gully Detention Ponds Study

ID# 041000057 Sponsor Orange County Drainage District

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type Project Planning County Orange

Study description Flood Protection Planning Study Cow Bayou & Adams Bayou Alternative

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.) 40

Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.
 Goal 2: Increase the coverage of adequate flood hazard mapping to at least 50% of the region.
 Goal 3: Increase regulatory flood hazard mapping in at least 50% of the areas identified as having out of date flood mapping.
 Goal 4: Advance multiple flood protection planning studies and preliminary engineering efforts in flood prone areas including the Sabine Pass to Galveston CSRM.

100-Year Flood Risk Summary

Population at risk 3,541 # of structures 2,444 # of critical facilities 0

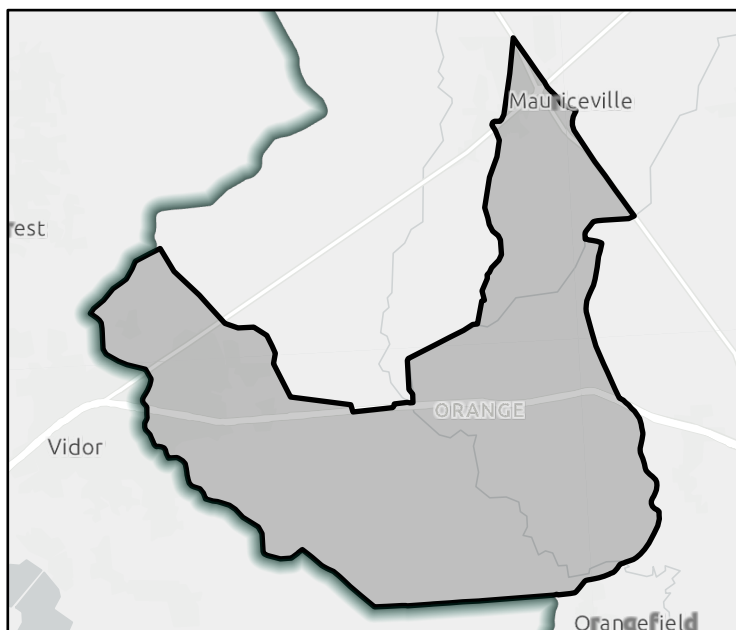
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) 3,308 Roadways impacted (miles) 55

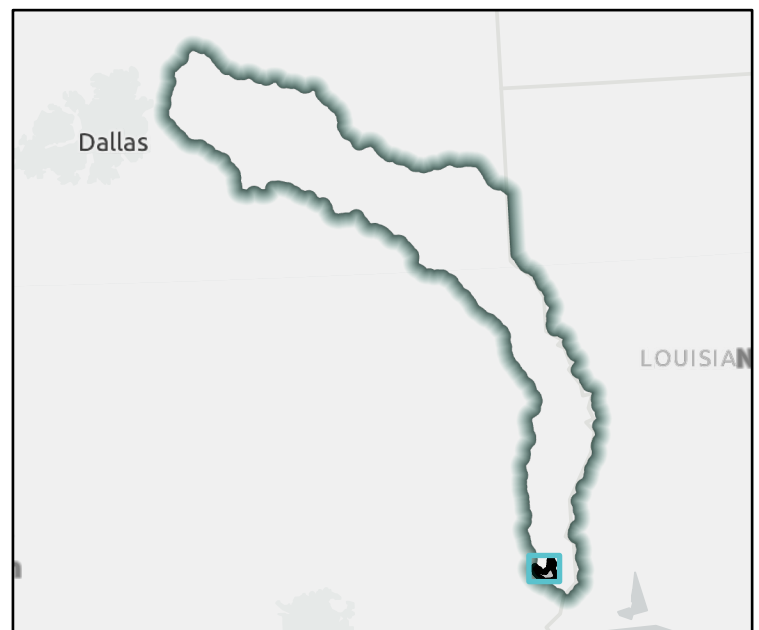
of low water crossings 1 # of historical road closures 1

Estimated Cost and Funding Availability

Total Cost \$600,000 Potential federal funding availability? Yes Potential Federal Funding Sources -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Yes Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

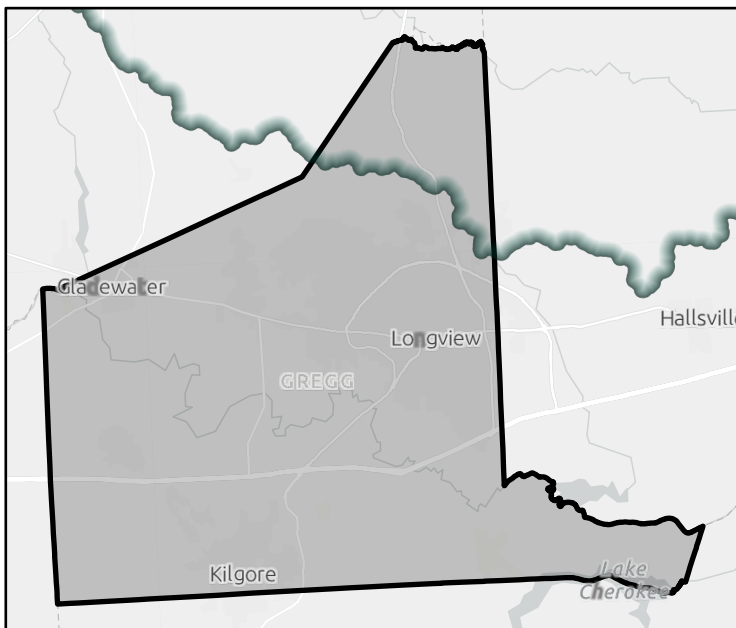
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

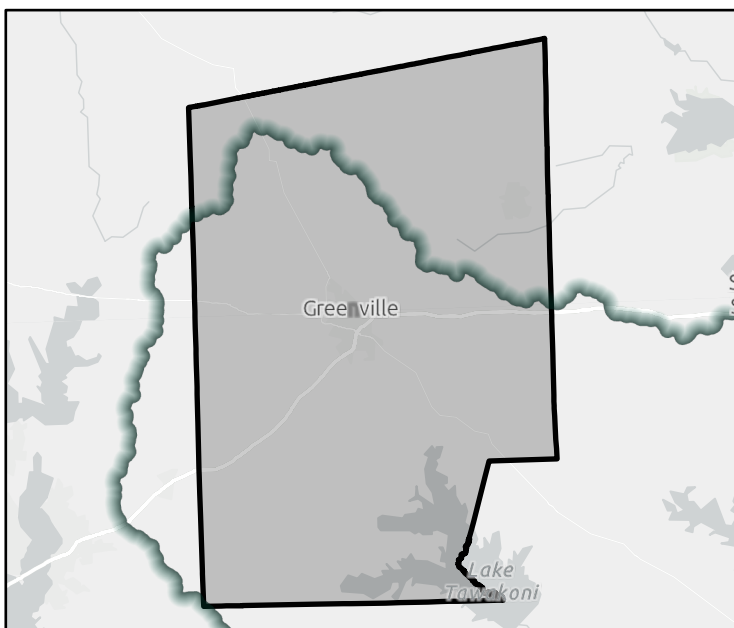
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

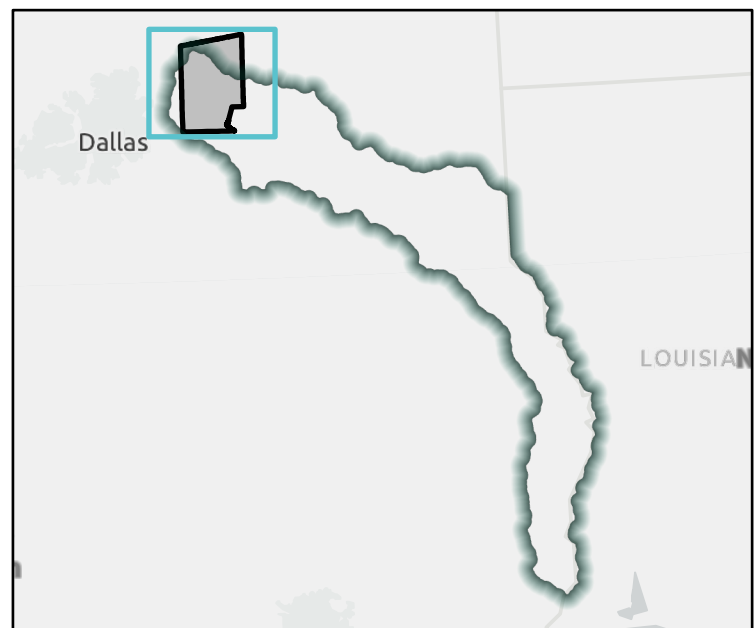
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title Jasper County Flood Hazard Mapping

ID# 041000060 Sponsor Jasper (County)

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type Watershed Planning County Jasper

Study description Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.) 966

- Goal(s)
- Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.
 - Goal 2: Increase the coverage of adequate flood hazard mapping to at least 50% of the region.
 - Goal 3: Increase regulatory flood hazard mapping in at least 50% of the areas identified as having out of date flood mapping.
 - Goal 4: Advance multiple flood protection planning studies and preliminary engineering efforts in flood prone areas including the Sabine Pass to Galveston CSRM.

100-Year Flood Risk Summary

Population at risk 1,739 # of structures 945 # of critical facilities 15

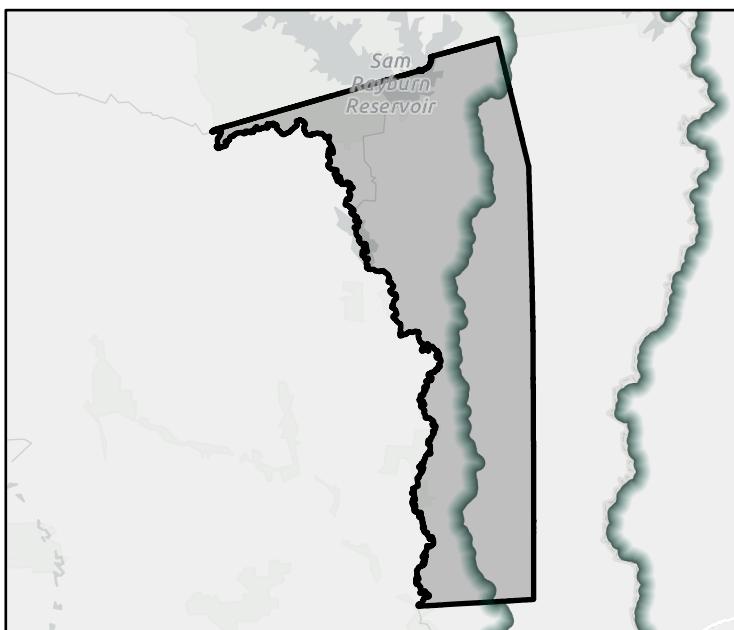
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) 2 Roadways impacted (miles) 67

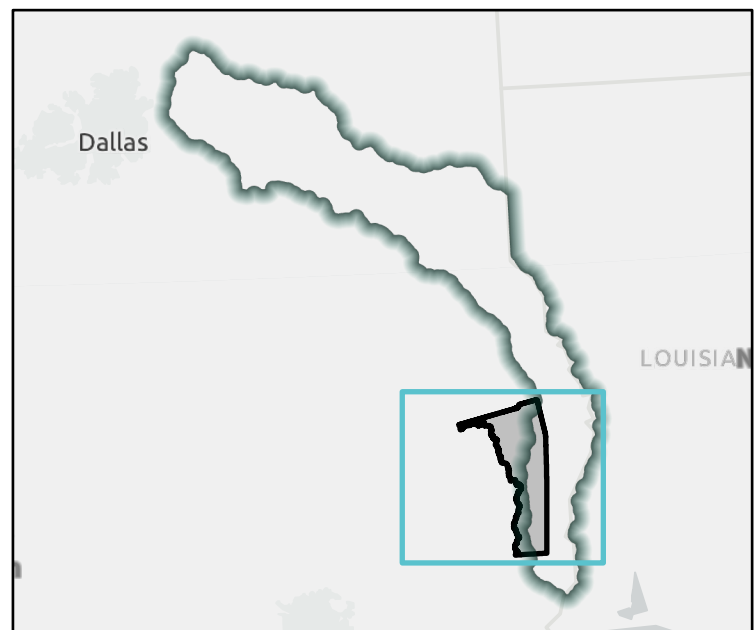
of low water crossings 5 # of historical road closures 5

Estimated Cost and Funding Availability

Total Cost \$700,000 Potential federal funding availability? Yes Potential Federal Funding Sources -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.
 Goal 2: Increase the coverage of adequate flood hazard mapping to at least 50% of the region.
 Goal 3: Increase regulatory flood hazard mapping in at least 50% of the areas identified as having out of date flood mapping.
 Goal 4: Advance multiple flood protection planning studies and preliminary engineering efforts in flood prone areas including the Sabine Pass to Galveston CSRSM.

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

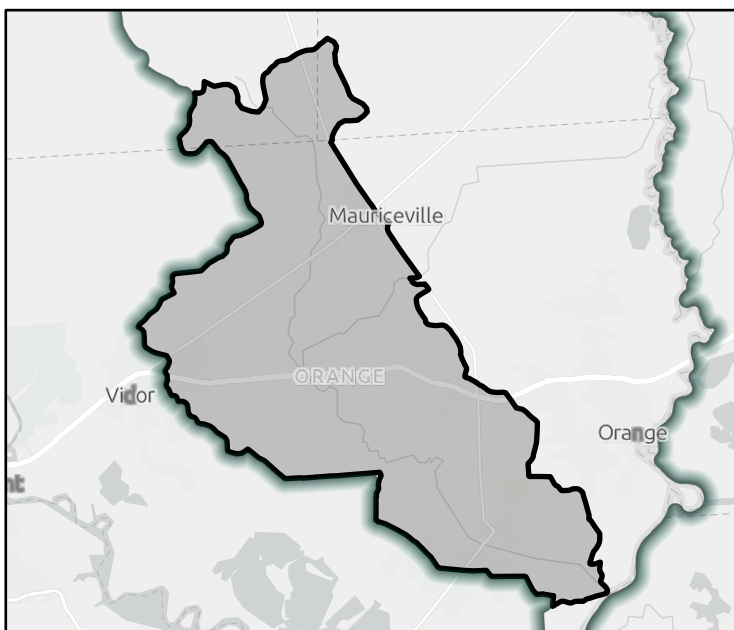
Flood risk type: Riverine? Yes Coastal? Yes Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

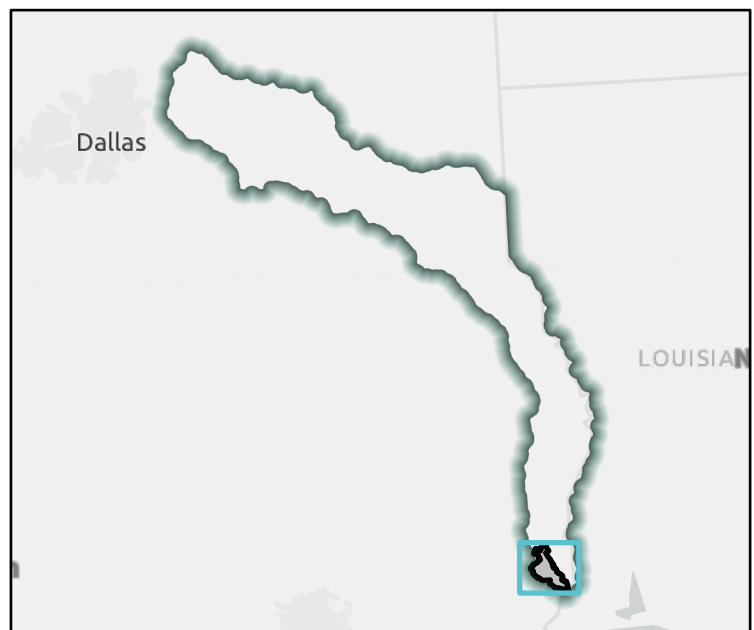
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.
 Goal 2: Increase the coverage of adequate flood hazard mapping to at least 50% of the region.
 Goal 3: Increase regulatory flood hazard mapping in at least 50% of the areas identified as having out of date flood mapping.
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100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

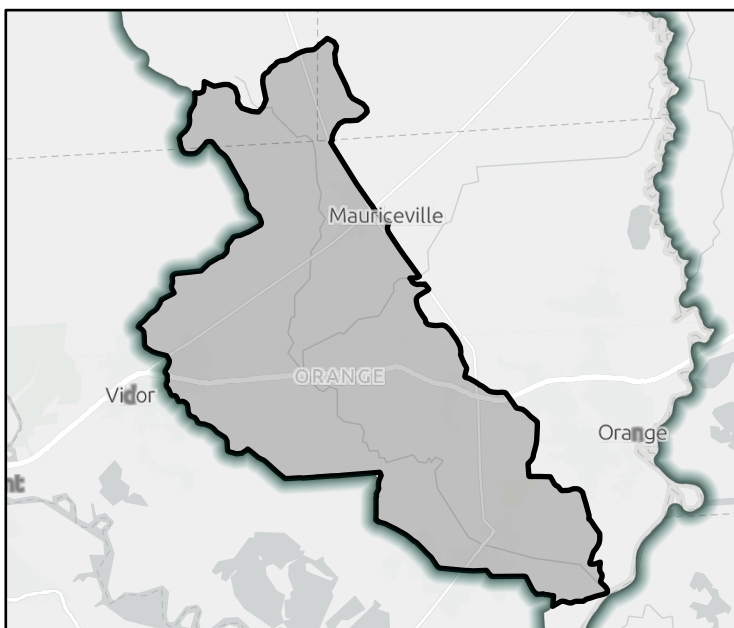
Flood risk type: Riverine? Yes Coastal? Yes Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

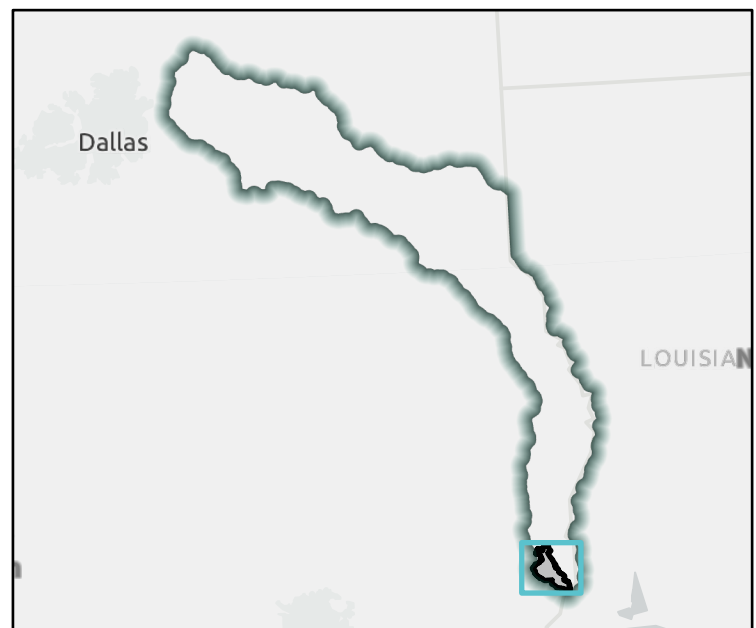
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.)

- Goal(s)
- Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.
 - Goal 2: Increase the coverage of adequate flood hazard mapping to at least 50% of the region.
 - Goal 3: Increase regulatory flood hazard mapping in at least 50% of the areas identified as having out of date flood mapping.
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100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

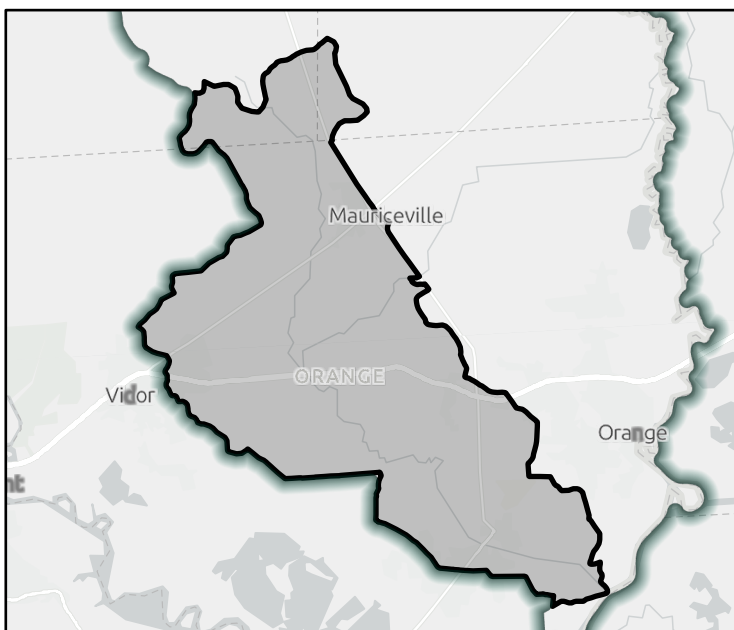
Flood risk type: Riverine? Yes Coastal? Yes Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

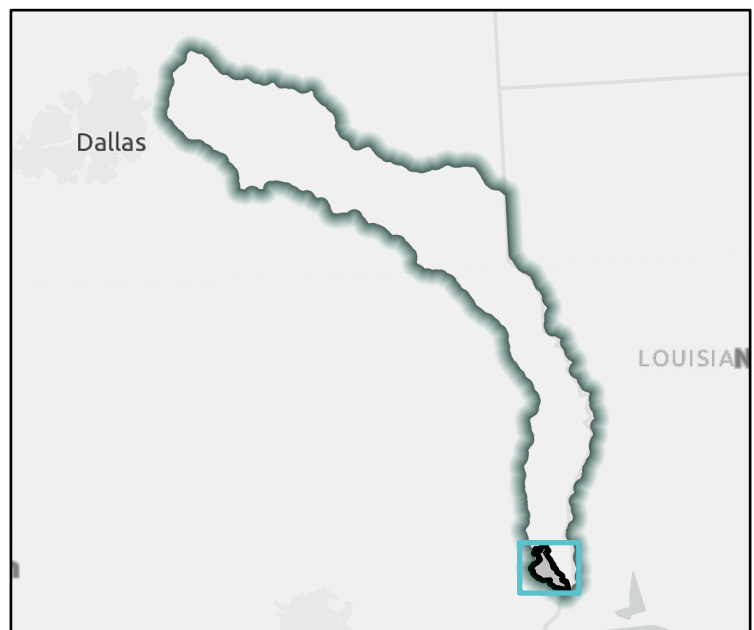
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? Yes Emergency Need? No Anticipated models in near term? No Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

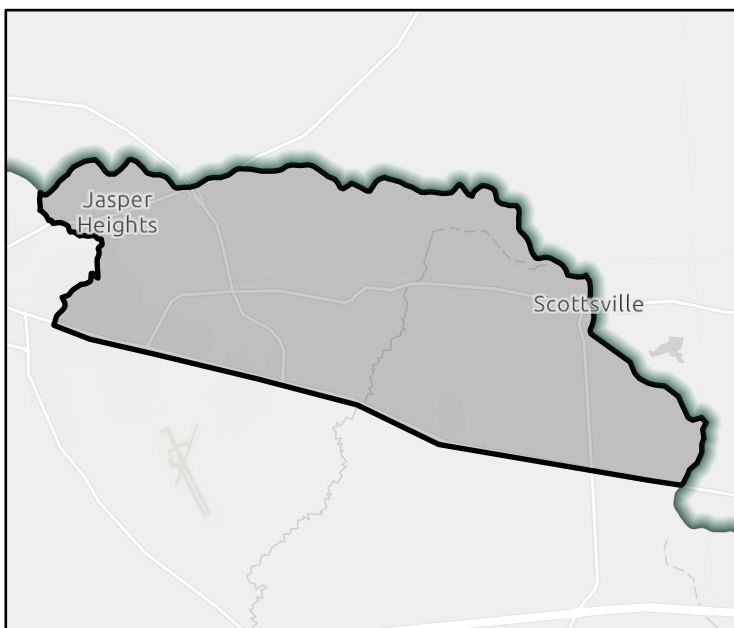
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? No Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? No Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

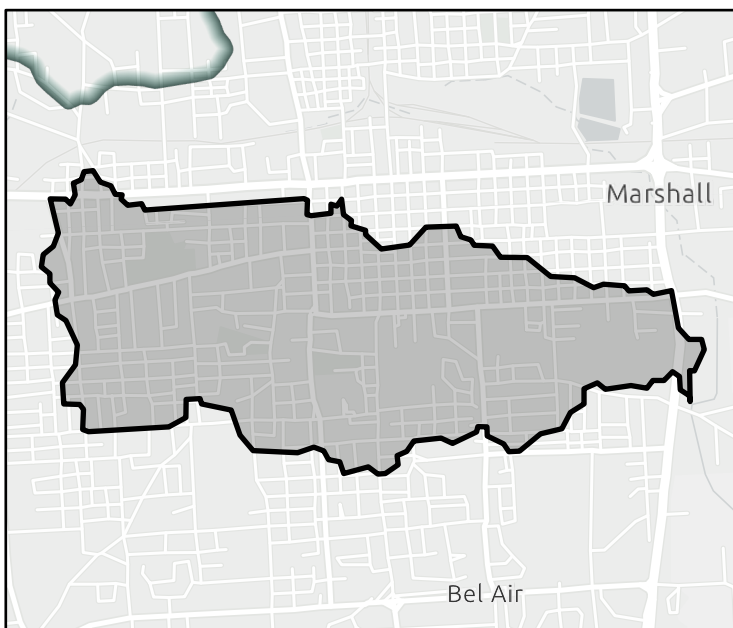
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? No Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

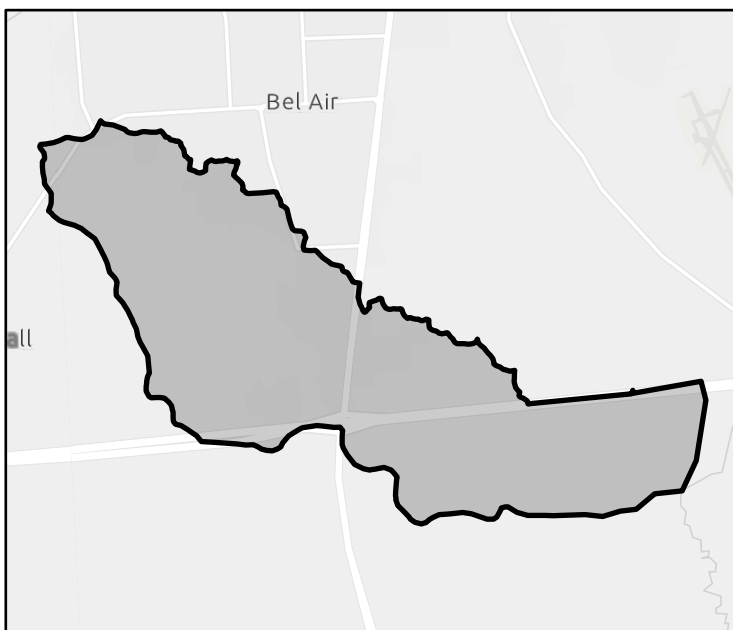
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

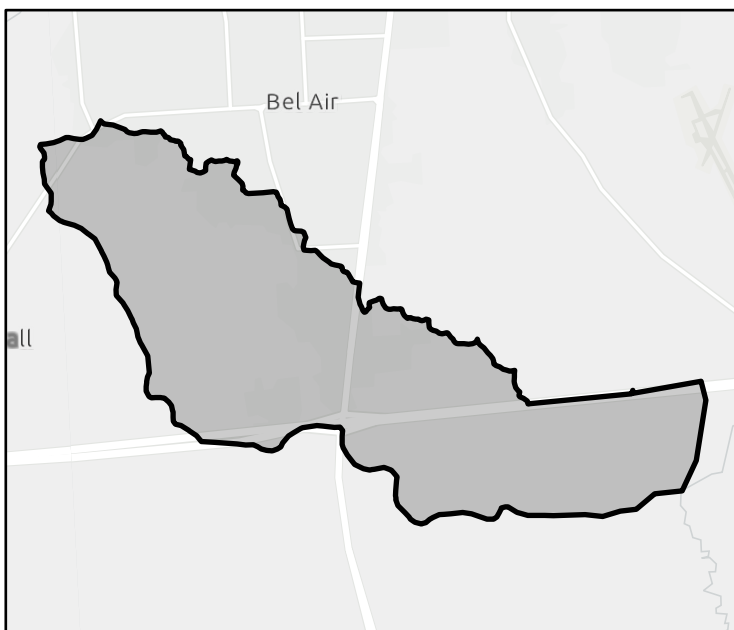
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

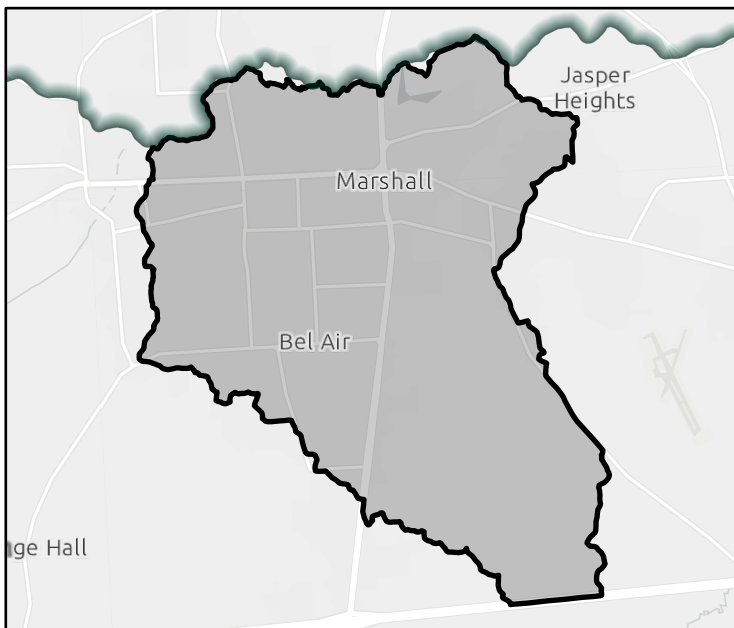
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

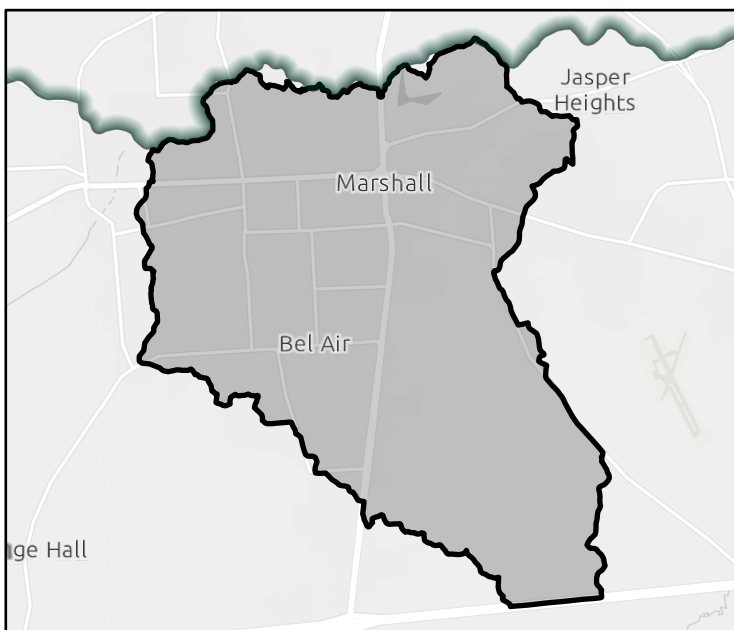
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title Franklin St Underpass Improvement Study

ID# 041000070 Sponsor Marshall (Municipality)

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type Project Planning County Harrison

Study description Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.

FME to create new H&H model? Yes Emergency Need? No Anticipated models in near term? No Drainage area (sq. mi., est.) 3

Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.

100-Year Flood Risk Summary

Population at risk 1,416 # of structures 141 # of critical facilities 0

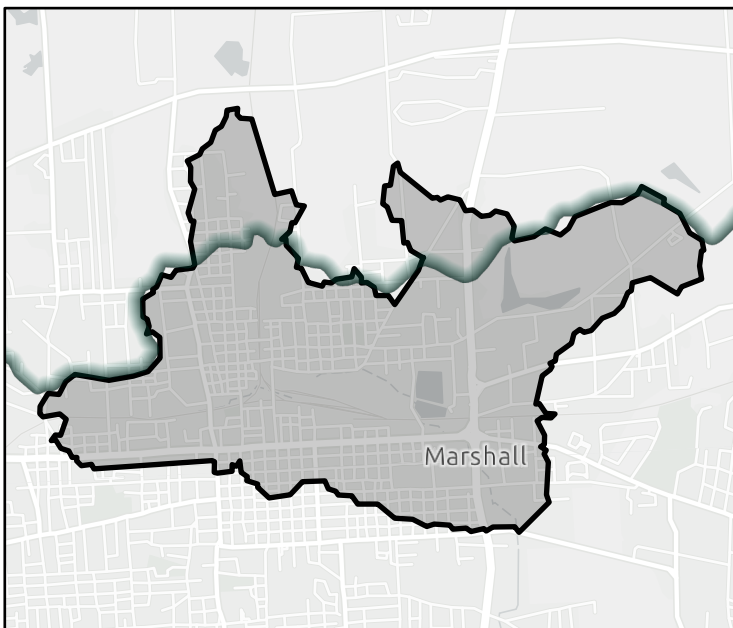
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) 6 Roadways impacted (miles) 6

of low water crossings 0 # of historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$75,000 Potential federal funding availability? No Potential Federal Funding Sources None



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

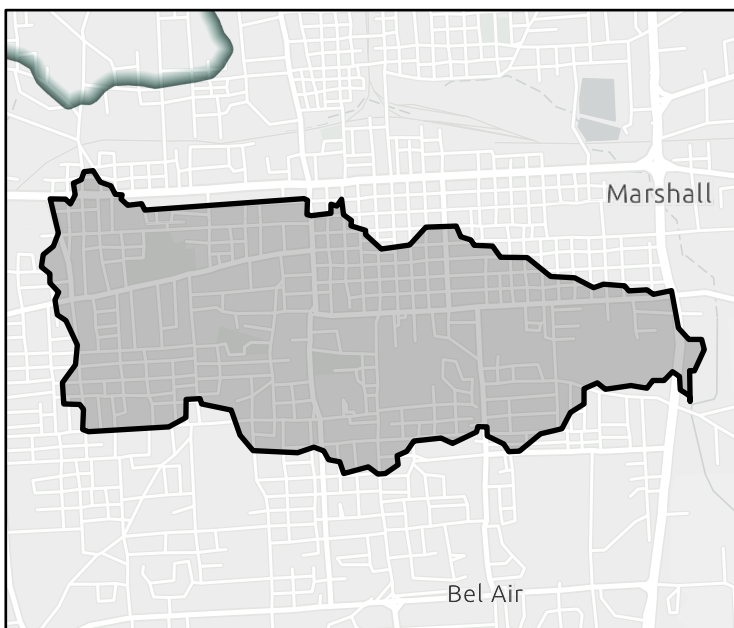
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

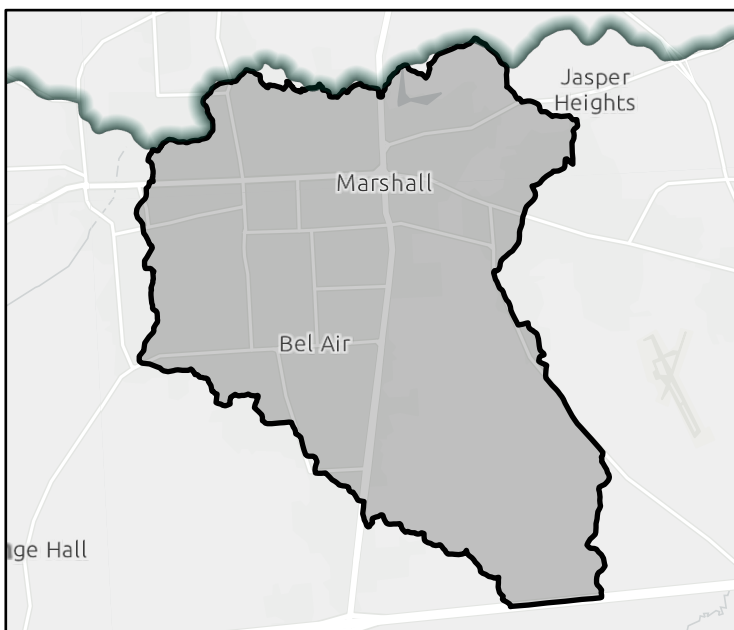
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

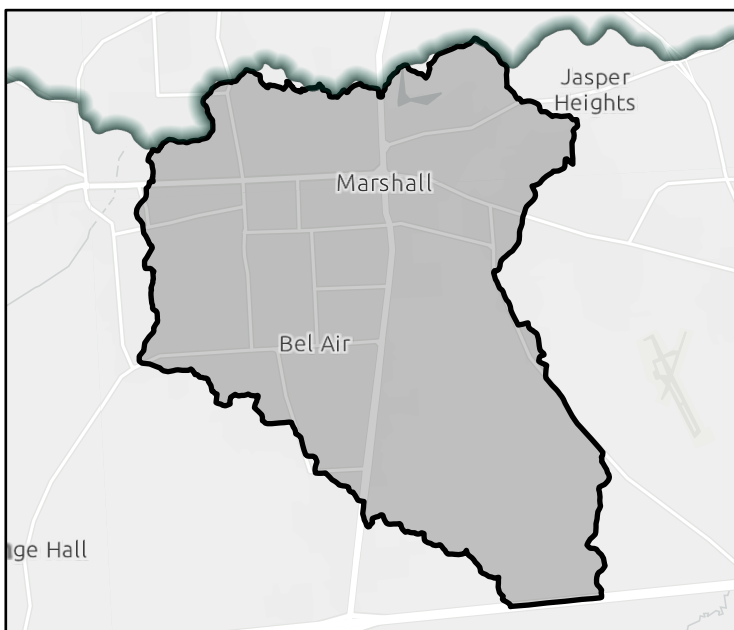
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

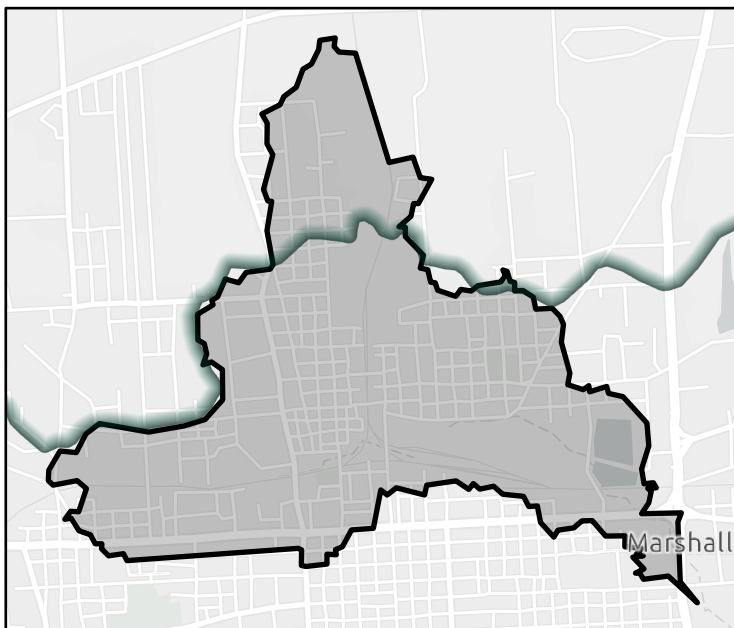
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

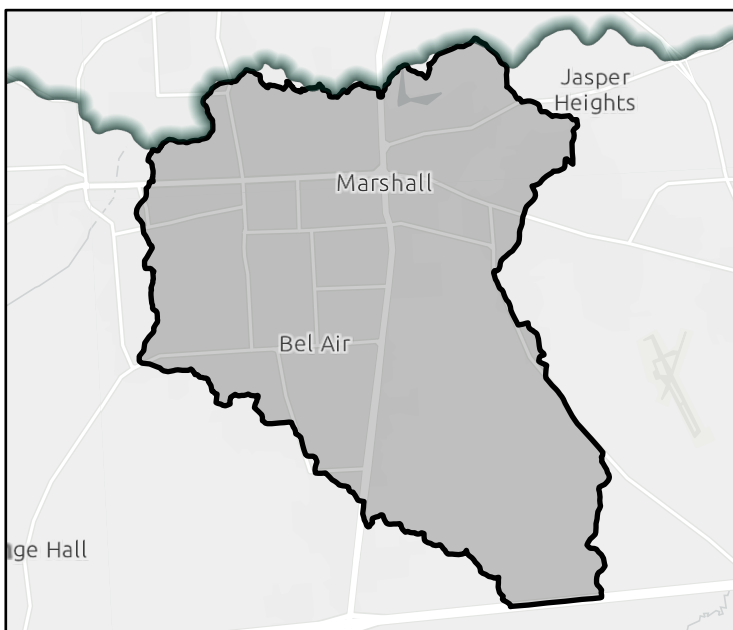
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

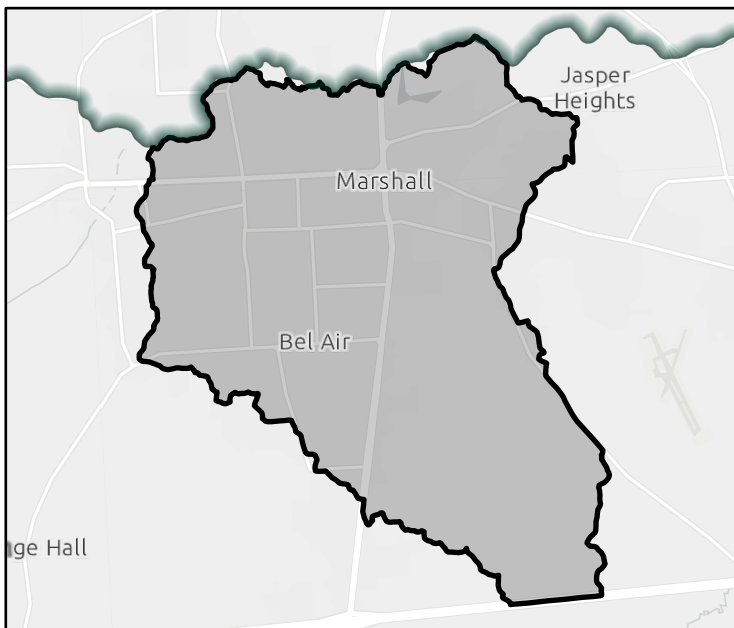
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

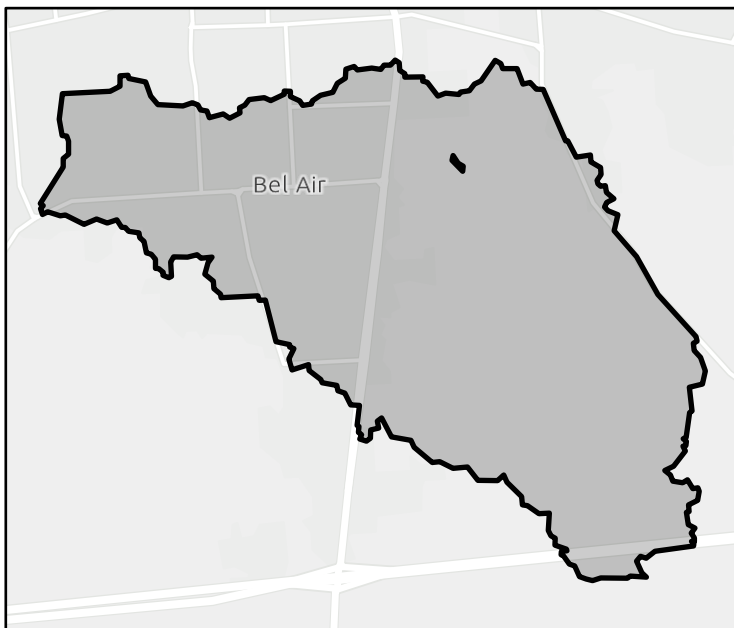
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

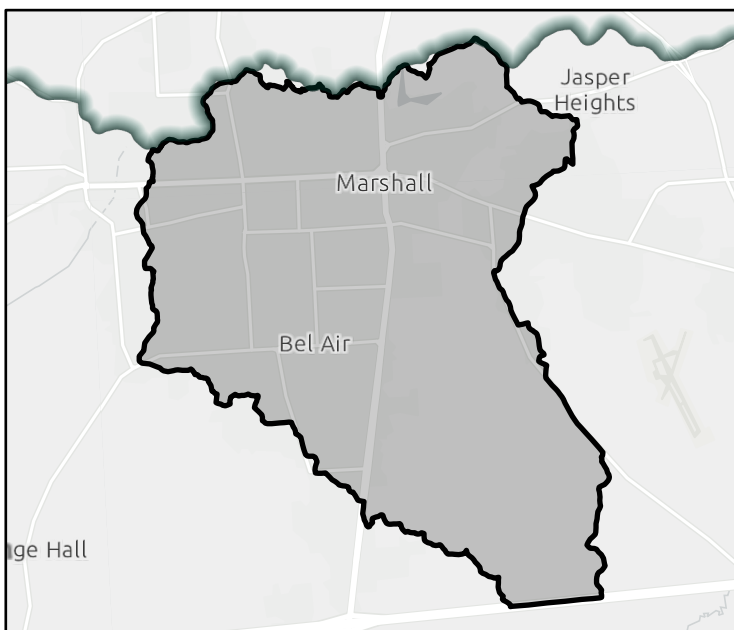
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Yes Emergency Need? No Anticipated models in near term? No Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

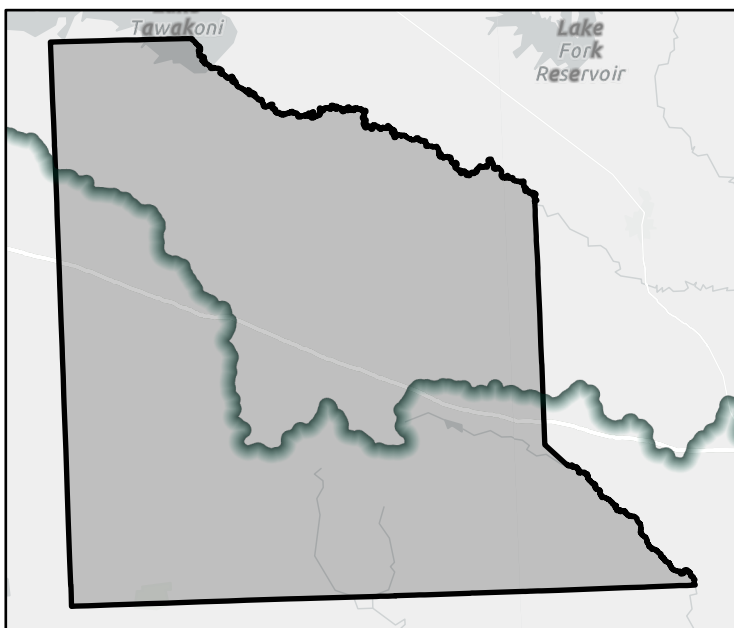
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

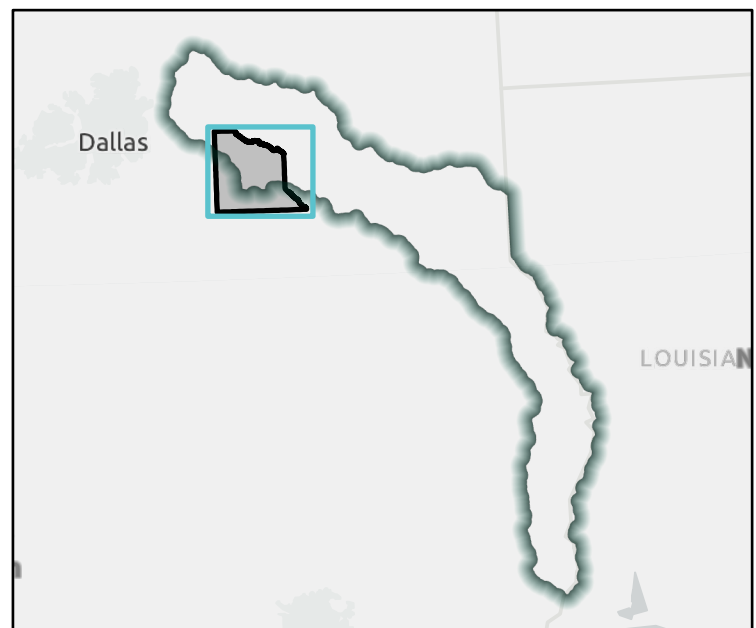
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? No Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? No Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

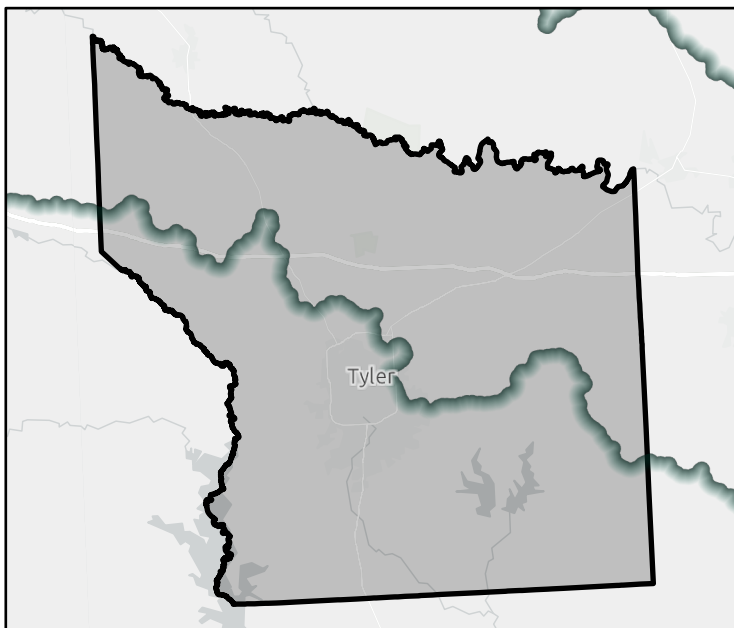
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

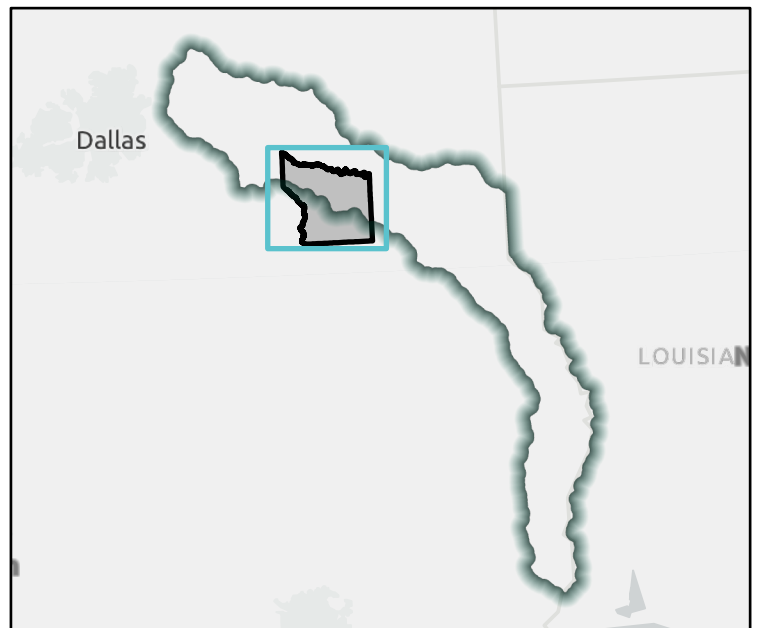
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? No Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? No Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

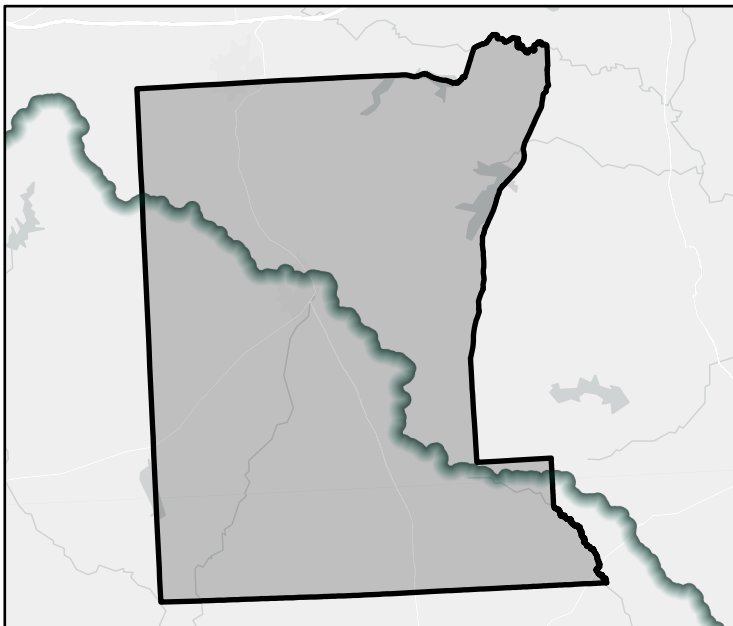
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? No Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

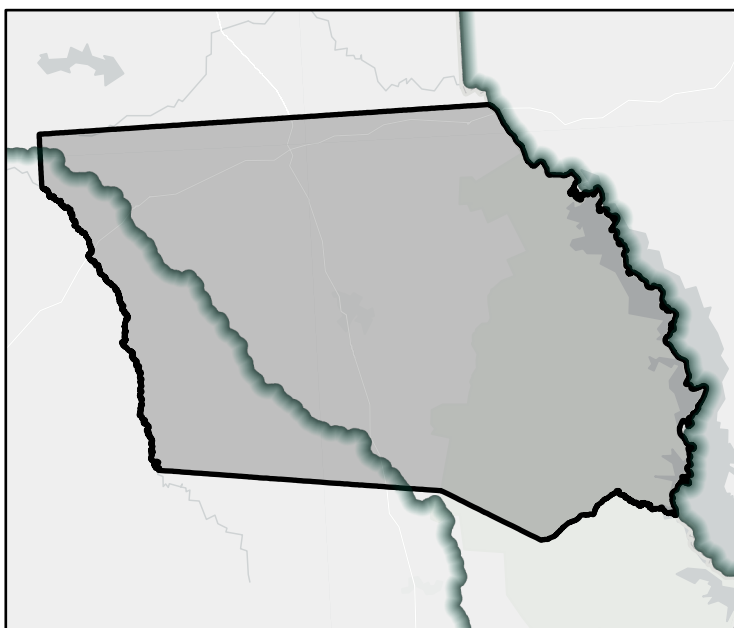
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

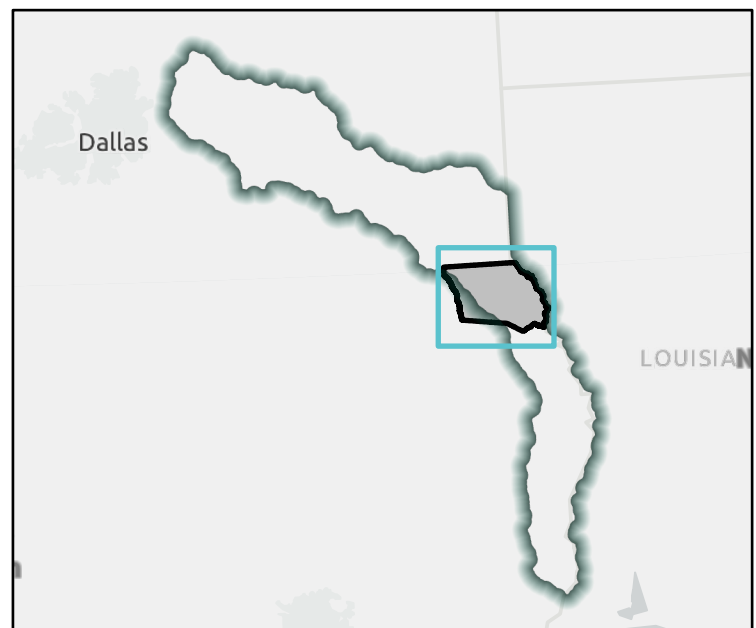
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



Title Jasper County Drainage Master Plan
ID# 041000083 Sponsor Jasper (County)
Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

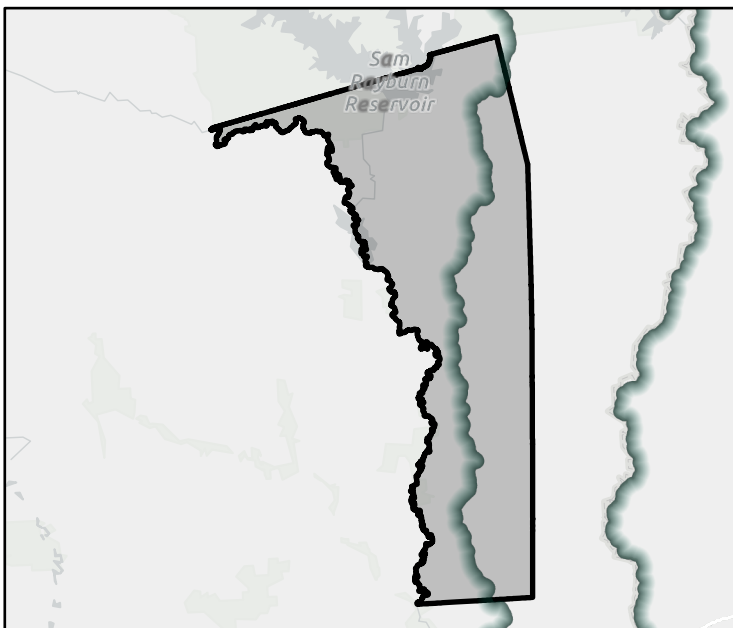
Study type Watershed Planning County Jasper
Study description Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.
FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? No Drainage area (sq. mi., est.) 966
Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.

100-Year Flood Risk Summary

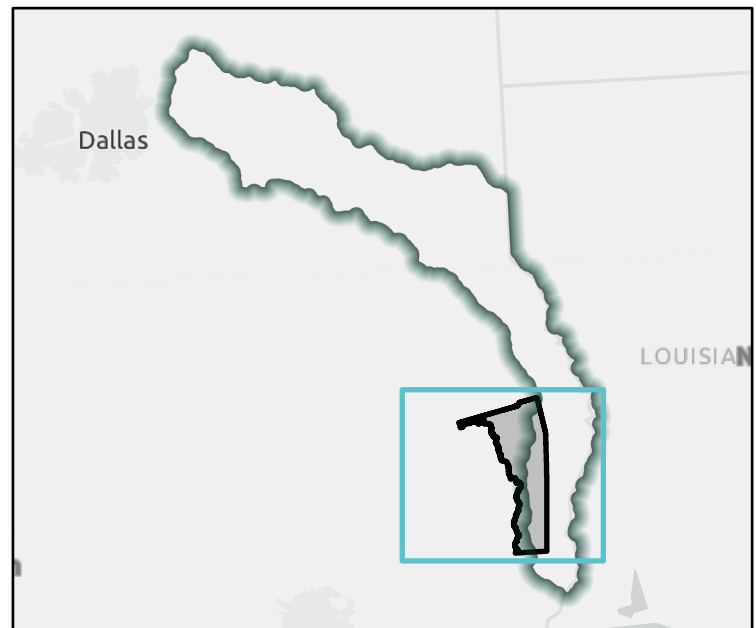
Population at risk 2,481 # of structures 945 # of critical facilities 11
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No
Farm/Ranch land impacted (ac.) 5,864 Roadways impacted (miles) 5,864
of low water crossings 5 # of historical road closures 5

Estimated Cost and Funding Availability

Total Cost \$280,000 Potential federal funding availability? No Potential Federal Funding Sources None



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? No Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

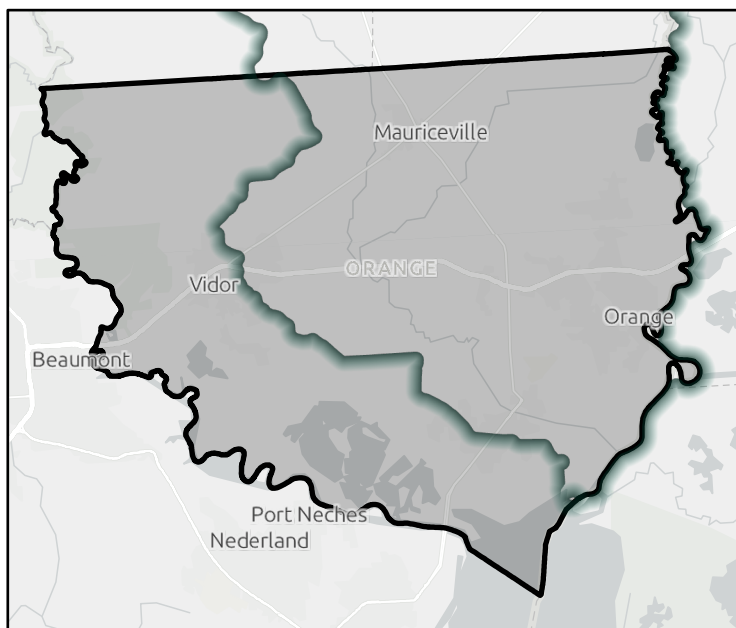
Flood risk type: Riverine? Yes Coastal? Yes Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

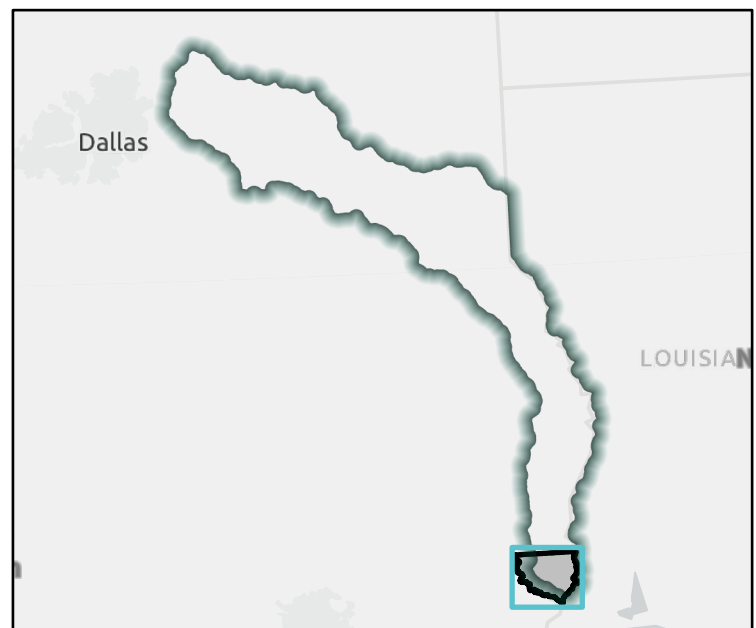
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? No Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? No Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

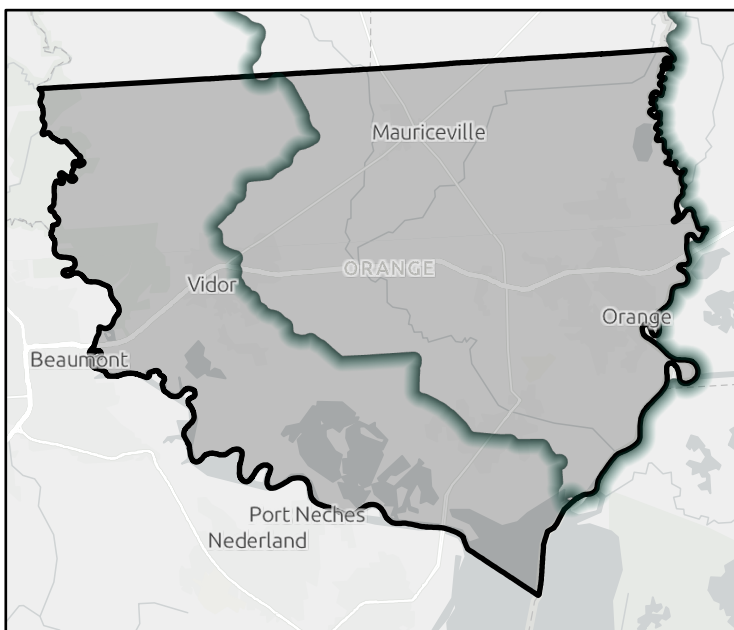
Flood risk type: Riverine? Yes Coastal? Yes Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

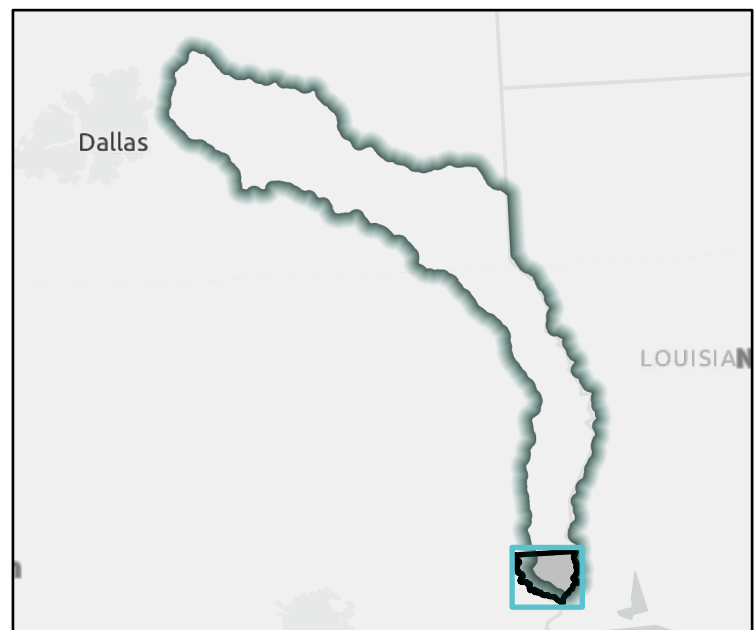
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? No Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title Kaufman County Flood Hazard Mapping

ID# 041000086 Sponsor Kaufman (County)

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type Watershed Planning County Kaufman

Study description Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.

FME to create new H&H model? Yes Emergency Need? No Anticipated models in near term? No Drainage area (sq. mi., est.) 805

Goal(s) Goal 1: Increase number of communities with documented, operational and funded stormwater asset management plan and maintenance operations to 50%.

100-Year Flood Risk Summary

Population at risk 100 # of structures 79 # of critical facilities 0

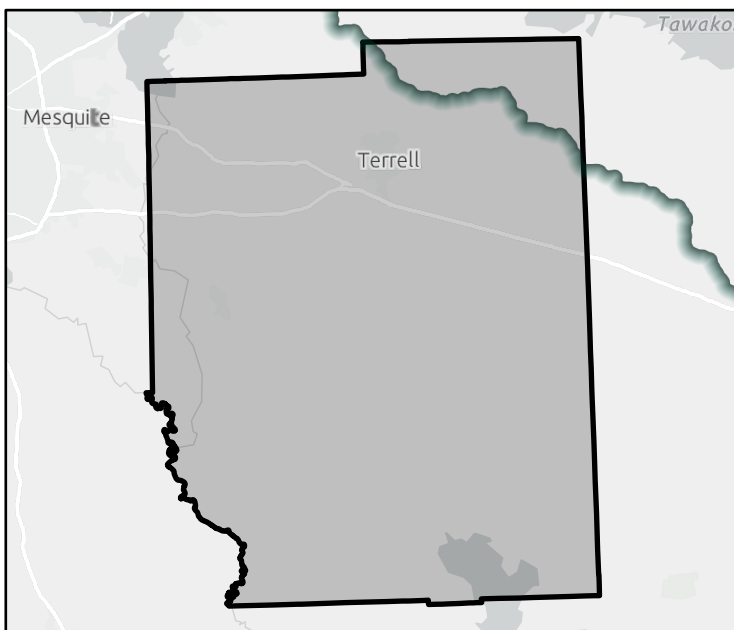
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) 2,567 Roadways impacted (miles) 2,567

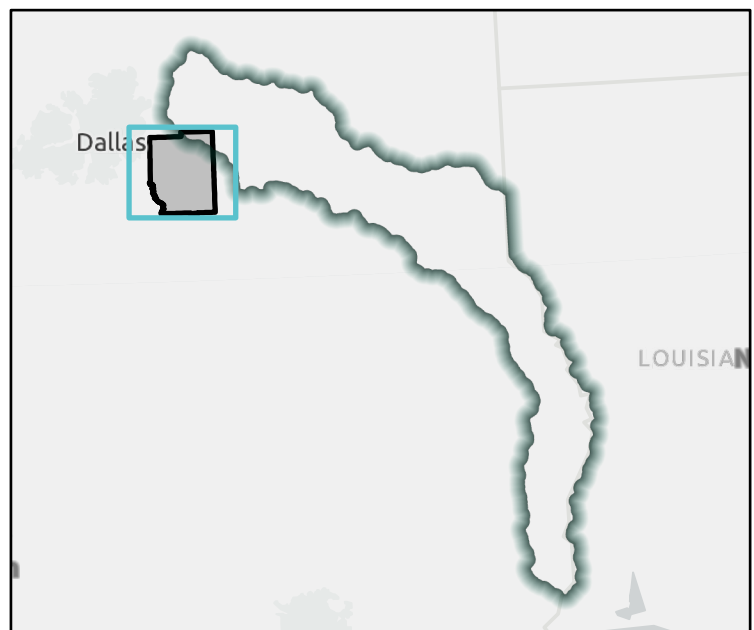
of low water crossings 3 # of historical road closures 3

Estimated Cost and Funding Availability

Total Cost \$3,500,000 Potential federal funding availability? No Potential Federal Funding Sources None



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Yes Emergency Need? No Anticipated models in near term? No Drainage area (sq. mi., est.)

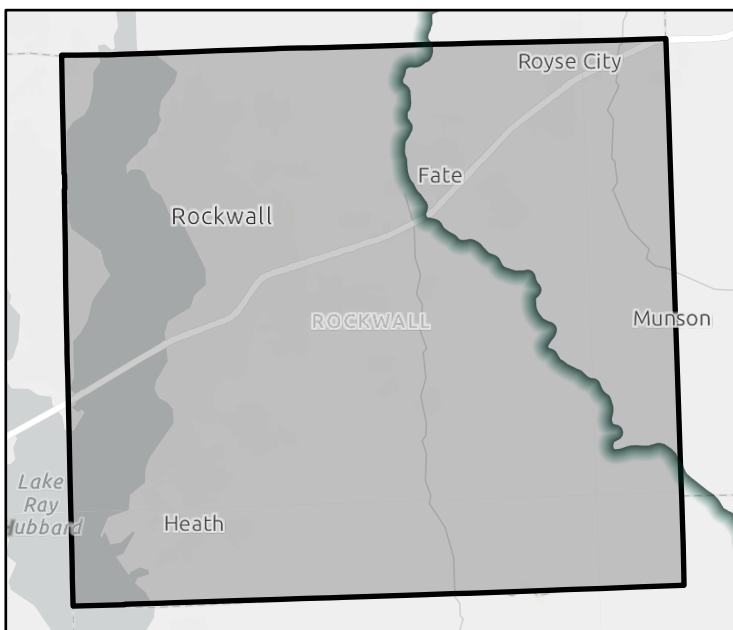
Goal(s)

100-Year Flood Risk Summary

Population at risk	<input type="text" value="786"/>	# of structures	<input type="text" value="191"/>	# of critical facilities	<input type="text" value="0"/>		
Flood risk type: Riverine?	<input type="checkbox"/> Yes	Coastal?	<input type="checkbox"/> No	Local Flooding?	<input type="checkbox"/> No	Other?	<input type="checkbox"/> No
Farm/Ranch land impacted (ac.)	<input type="text" value="2,829"/>	Roadways impacted (miles)	<input type="text" value="2,829"/>				
# of low water crossings	<input type="text" value="11"/>	# of historical road closures	<input type="text" value="11"/>				

Estimated Cost and Funding Availability

Total Cost	<input type="text" value="\$575,000"/>	Potential federal funding availability?	<input type="checkbox"/> No	Potential Federal Funding Sources	<input type="text" value="None"/>
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FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Yes Emergency Need? No Anticipated models in near term? No Drainage area (sq. mi., est.)

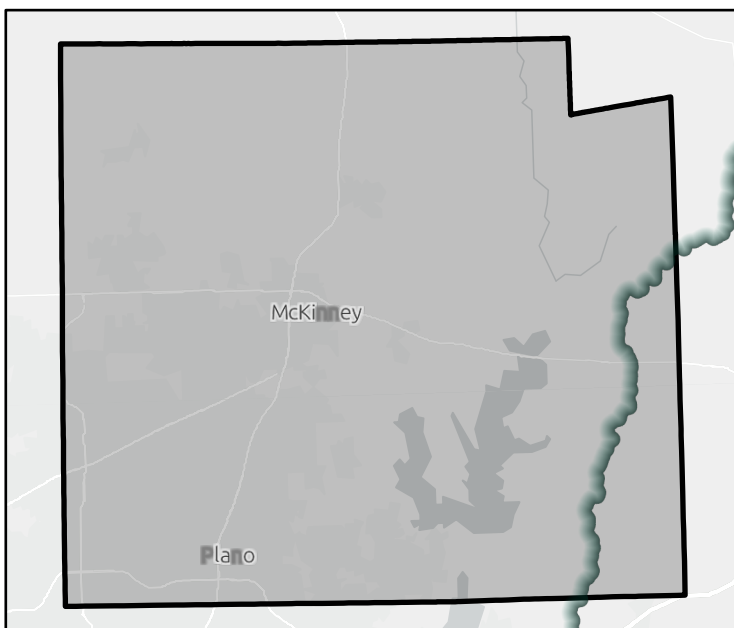
Goal(s)

100-Year Flood Risk Summary

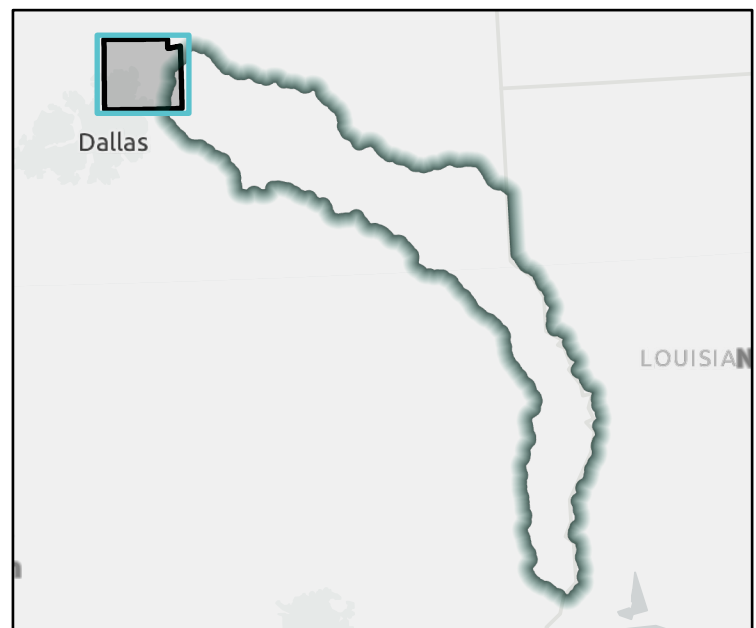
Population at risk	<input type="text" value="313"/>	# of structures	<input type="text" value="228"/>	# of critical facilities	<input type="text" value="0"/>		
Flood risk type: Riverine?	<input checked="" type="checkbox"/> Yes	Coastal?	<input type="checkbox"/> No	Local Flooding?	<input type="checkbox"/> No	Other?	<input type="checkbox"/> No
Farm/Ranch land impacted (ac.)	<input type="text" value="2,530"/>	Roadways impacted (miles)	<input type="text" value="2,530"/>				
# of low water crossings	<input type="text" value="2"/>	# of historical road closures	<input type="text" value="2"/>				

Estimated Cost and Funding Availability

Total Cost	<input type="text" value="\$3,750,000"/>	Potential federal funding availability?	<input type="checkbox"/> No	Potential Federal Funding Sources	<input type="text" value="None"/>
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FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? No Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

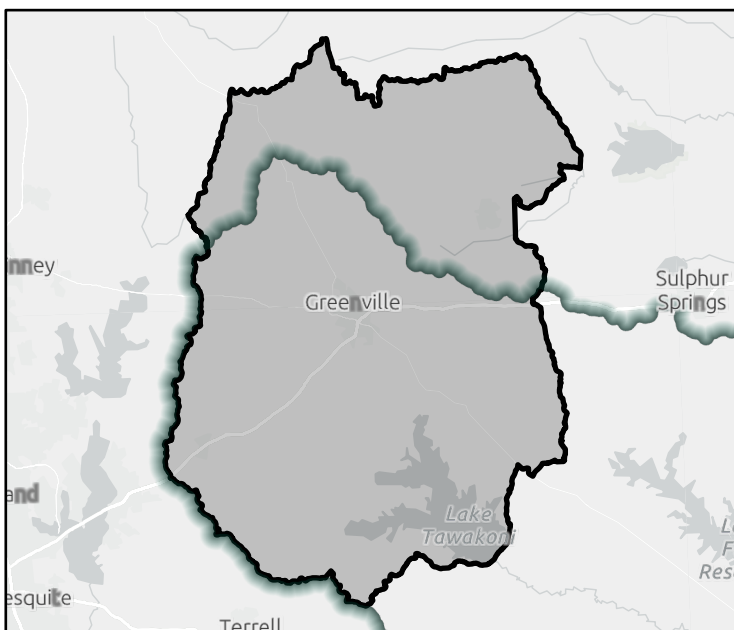
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? No Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title Lower Sabine FIF Phase 2

ID# 041000090 Sponsor Sabine River Authority

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type Project Planning County Orange,Jasper,Newton

Study description Development of detailed hydraulic models for additional areas of high flood risk identified in Phase 1. Perform alternatives analysis and develop FMPs for second cycle of the State Flood Plan.

FME to create new H&H model? No Emergency Need? Yes Anticipated models in near term? No Drainage area (sq. mi., est.) 2,144

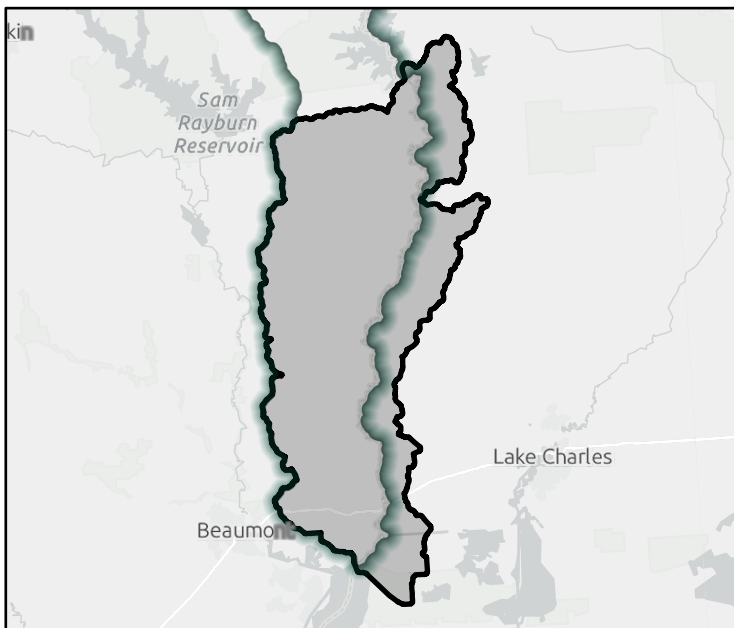
Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.

100-Year Flood Risk Summary

Population at risk	50,172	# of structures	20,900	# of critical facilities	313		
Flood risk type: Riverine?	Yes	Coastal?	Yes	Local Flooding?	No	Other?	No
Farm/Ranch land impacted (ac.)	26,444	Roadways impacted (miles)	26,444				
# of low water crossings	37	# of historical road closures	37				

Estimated Cost and Funding Availability

Total Cost	\$250,000	Potential federal funding availability?	No	Potential Federal Funding Sources	None
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FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? No Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

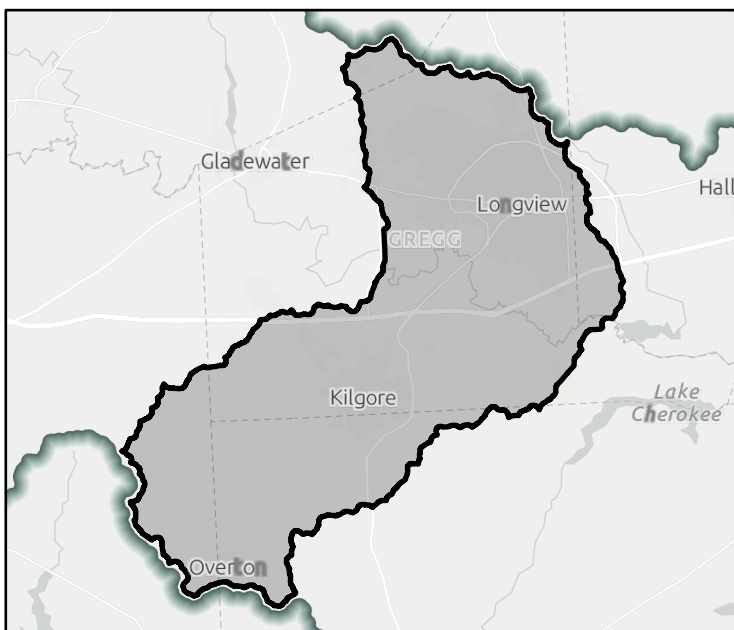
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

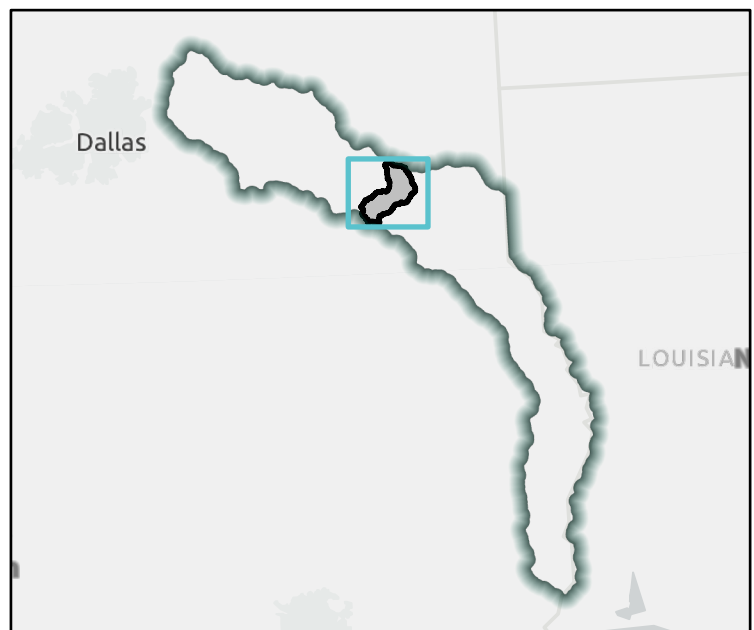
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? No Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

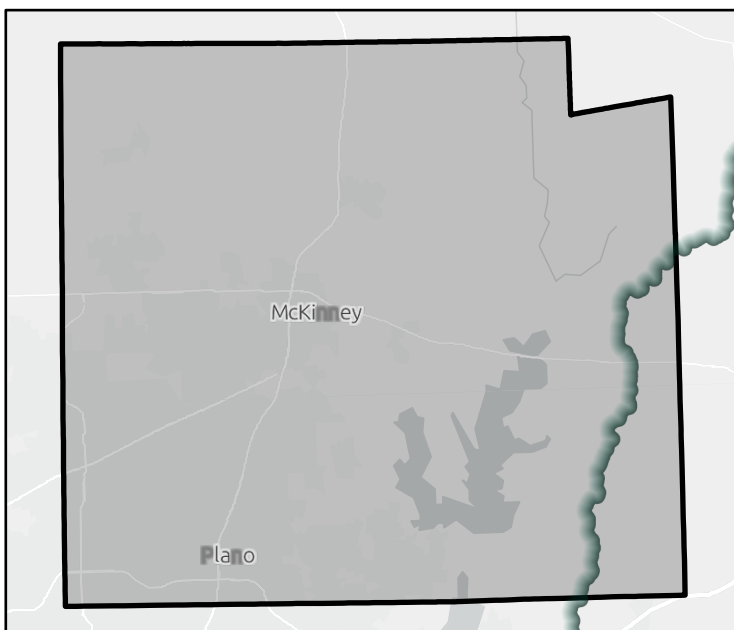
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? Yes Emergency Need? No Anticipated models in near term? No Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

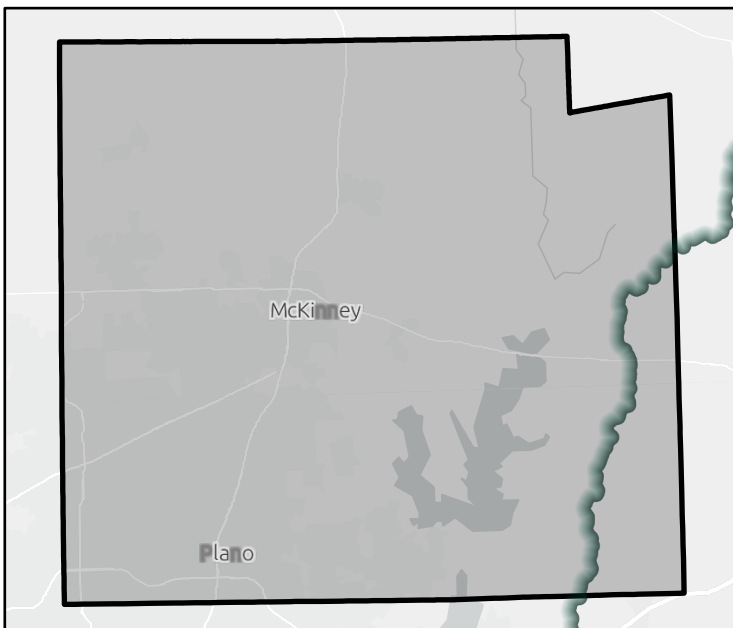
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? No Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes No Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Yes No Emergency Need? Yes No Anticipated models in near term? Yes No Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

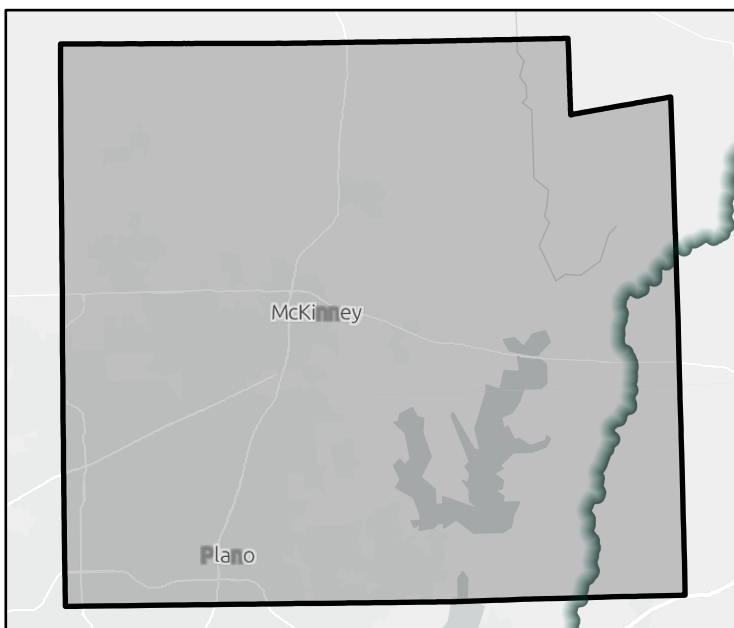
Flood risk type: Riverine? Yes No Coastal? Yes No Local Flooding? Yes No Other? Yes No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

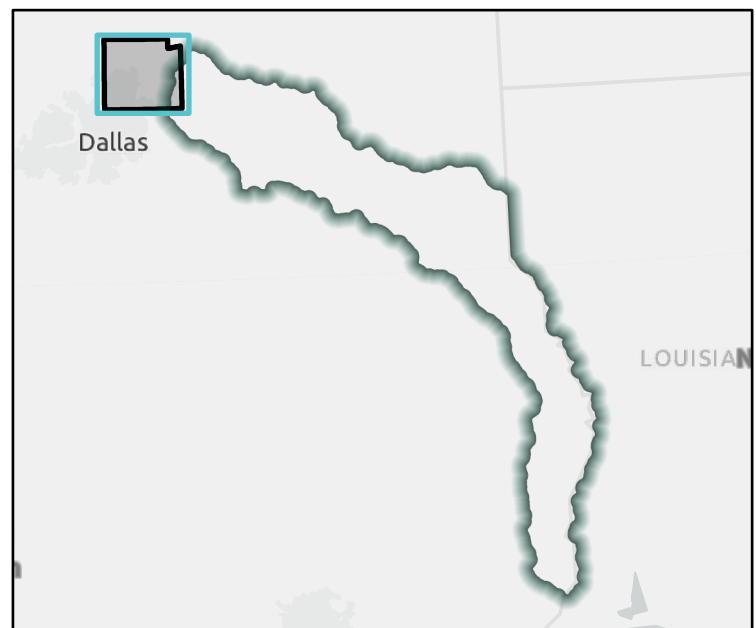
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes No Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Yes Emergency Need? No Anticipated models in near term? No Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

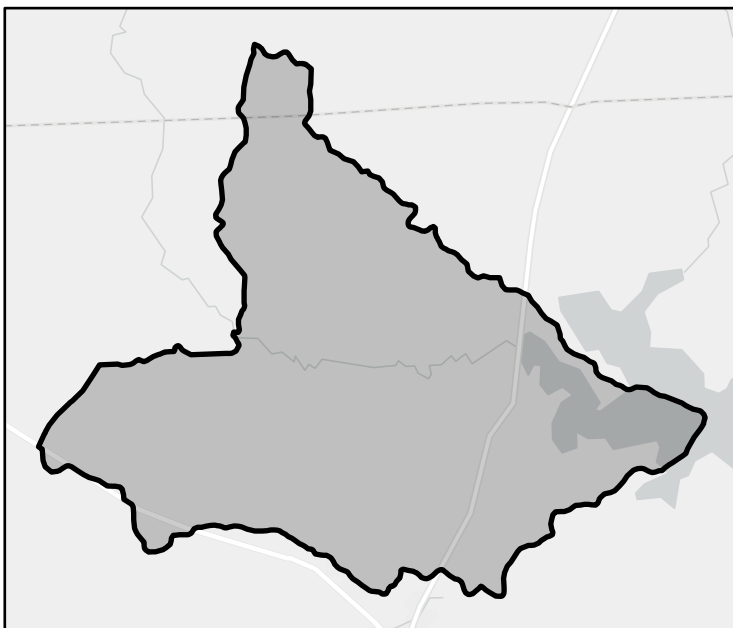
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

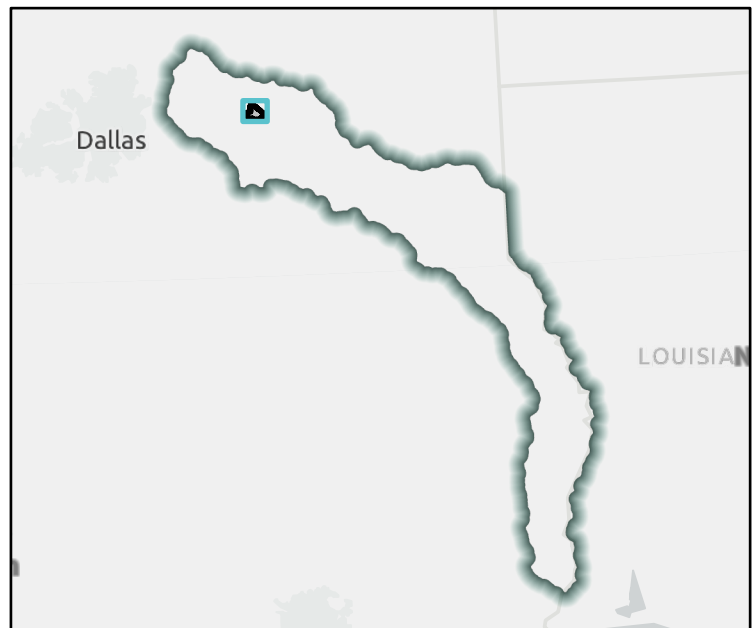
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? No Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

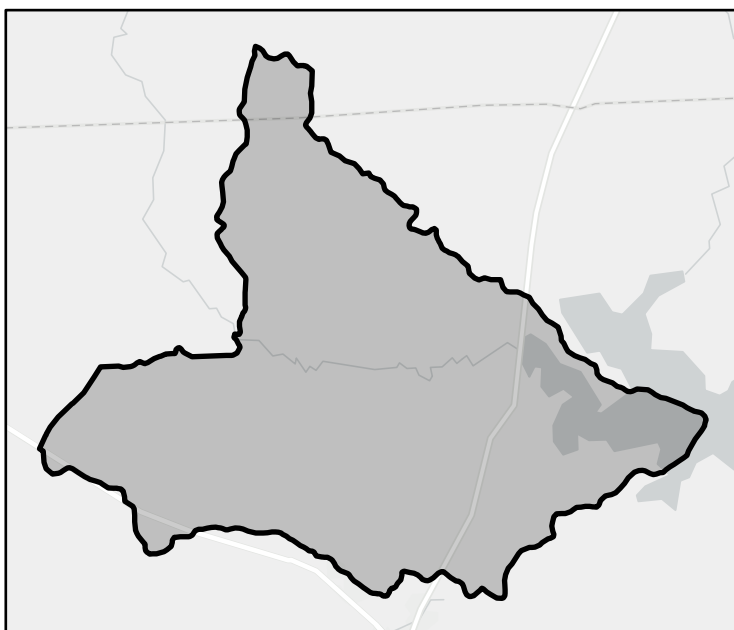
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

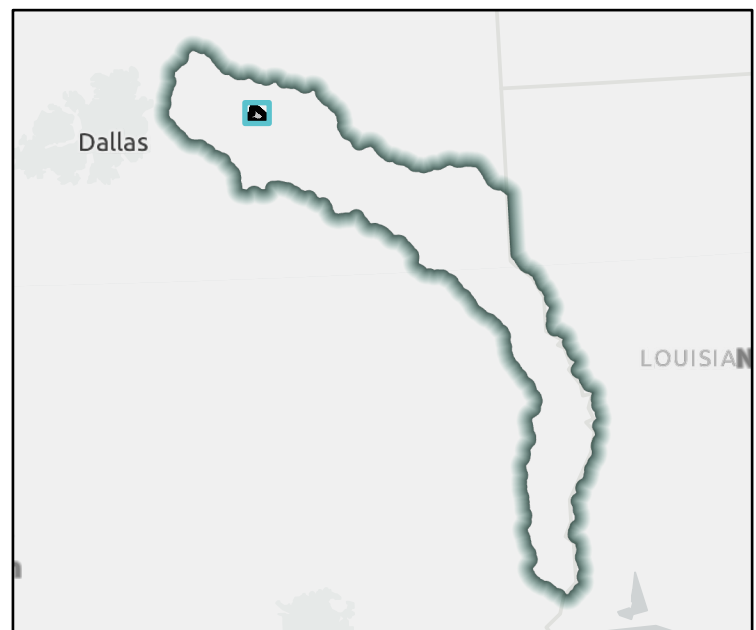
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? No Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

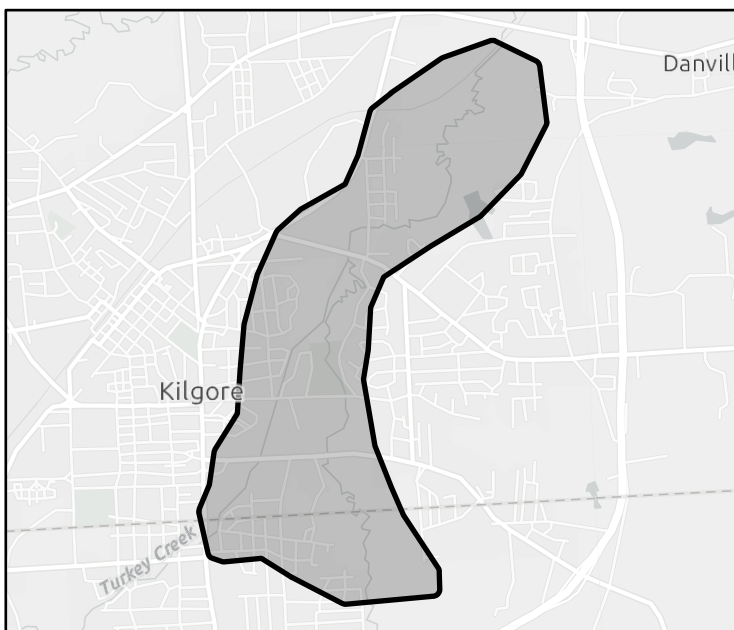
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? No Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title Guthrie Creek Corridor Flooding

ID# 041000098 Sponsor Longview (Municipality)

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type Project Planning County Gregg

Study description Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.

FME to create new H&H model? No Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.) 0

Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.

100-Year Flood Risk Summary

Population at risk 200 # of structures 37 # of critical facilities 0

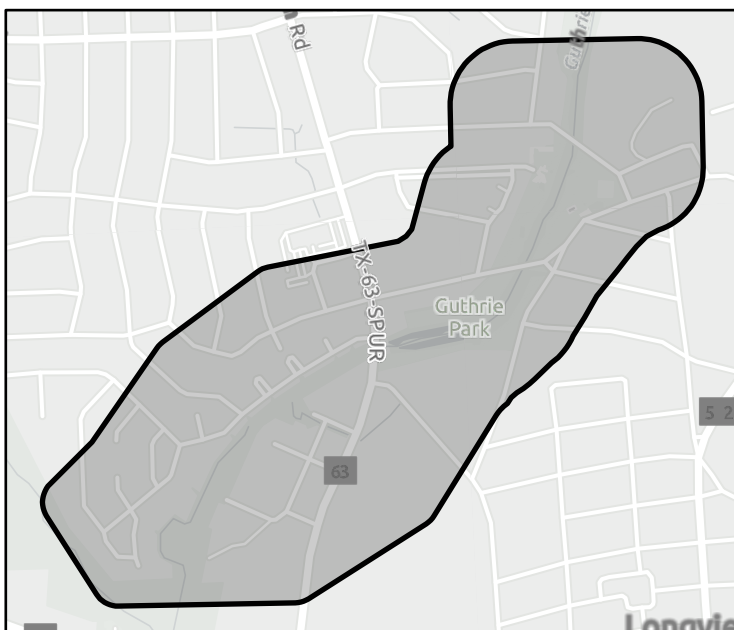
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) 0 Roadways impacted (miles) 0

of low water crossings 0 # of historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$75,000 Potential federal funding availability? No Potential Federal Funding Sources None



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

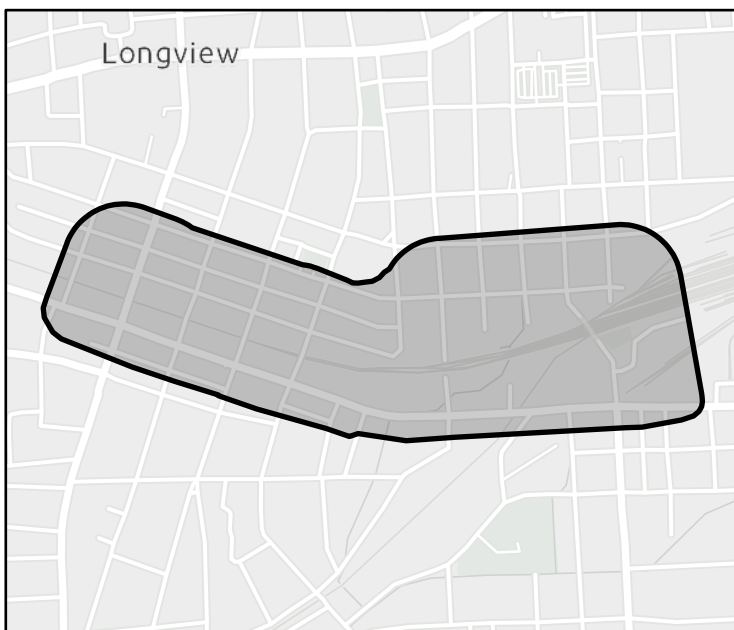
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

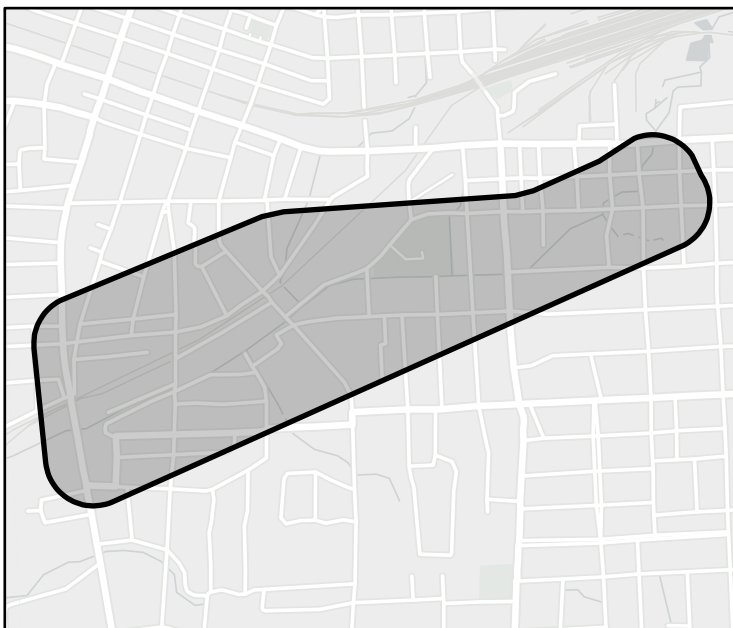
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

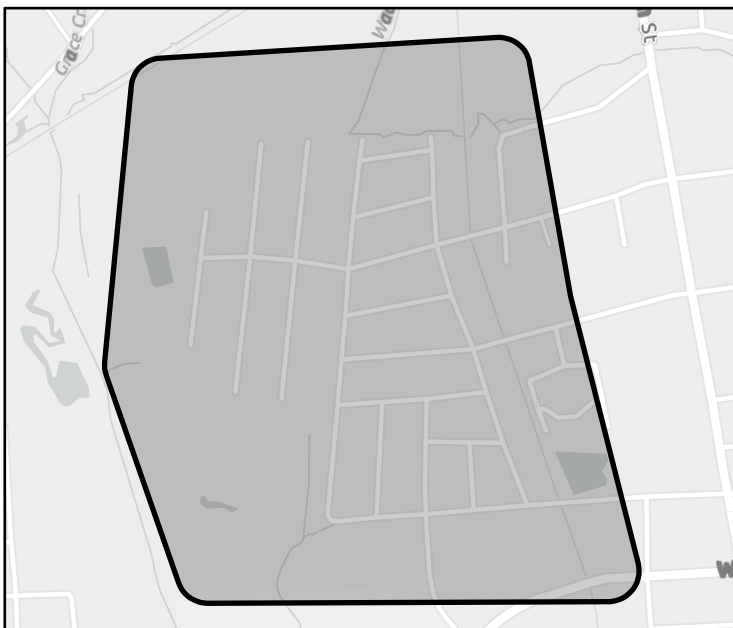
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



Title Turkey Creek Tributary Neighborhood Flooding

ID# 041000102 Sponsor Kilgore (Municipality)

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type Project Planning County Gregg

Study description Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.

FME to create new H&H model? No Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.) 0

Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.

100-Year Flood Risk Summary

Population at risk 113 # of structures 41 # of critical facilities 0

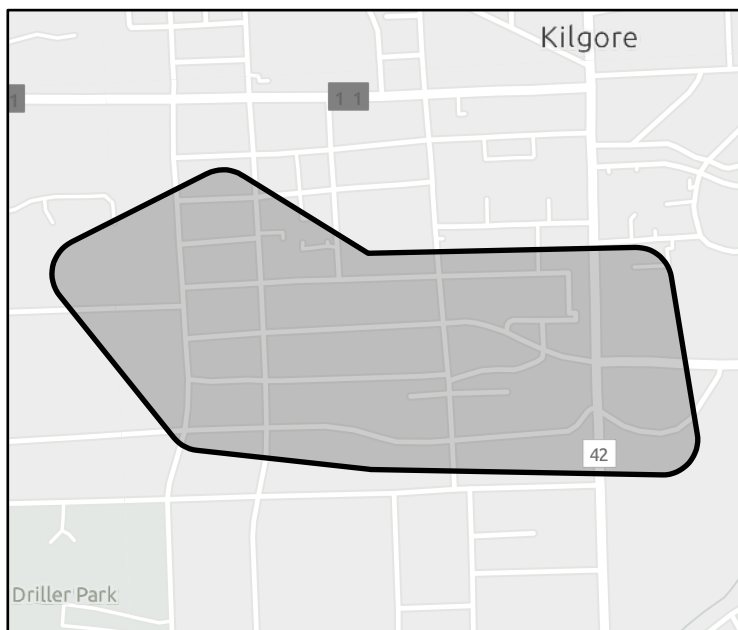
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) 0 Roadways impacted (miles) 0

of low water crossings 0 # of historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$75,000 Potential federal funding availability? No Potential Federal Funding Sources None



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? No Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

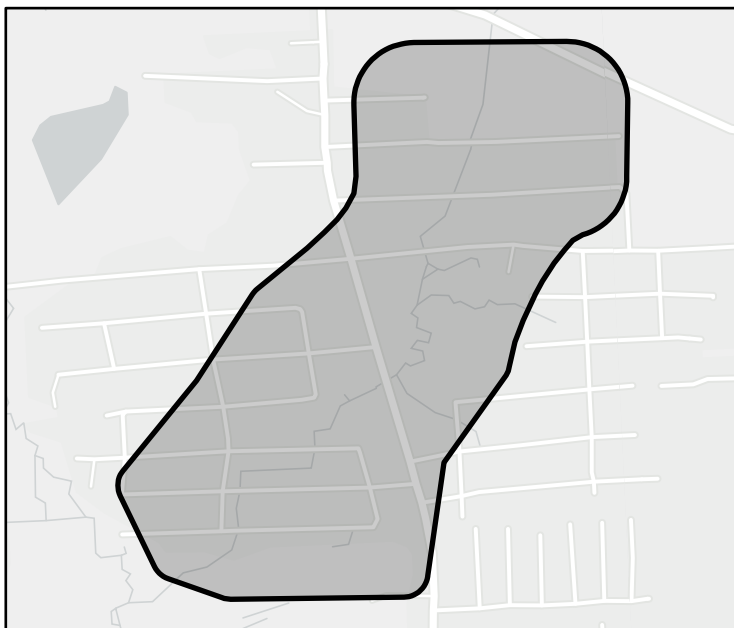
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? No Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? No Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

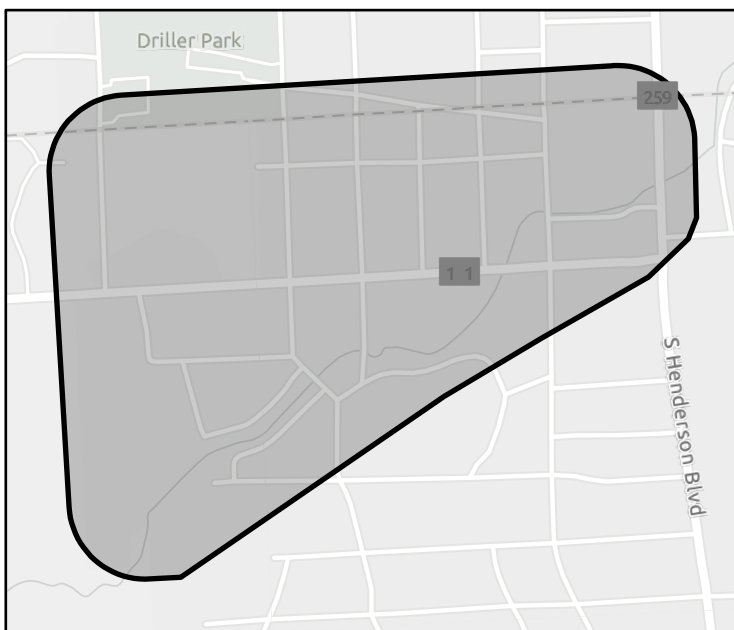
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? No Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes No Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? No Yes Emergency Need? No Yes Anticipated models in near term? Yes No Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

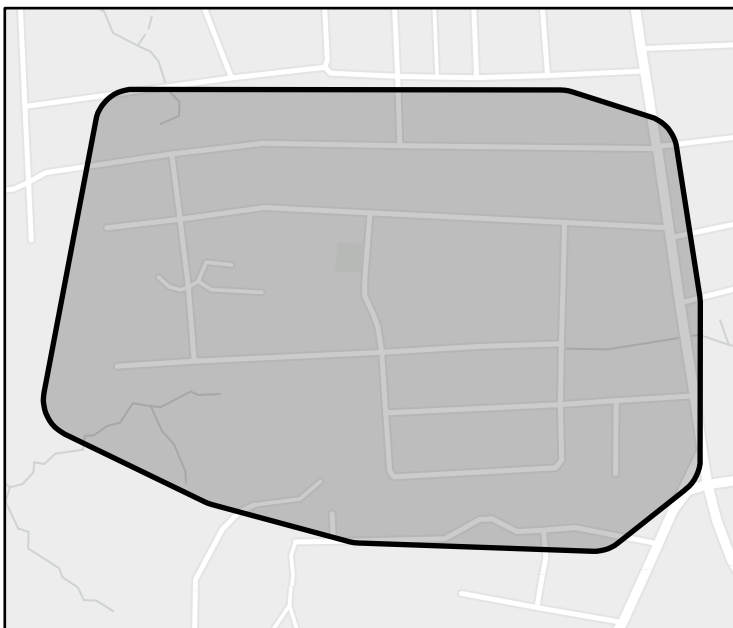
Flood risk type: Riverine? Yes No Coastal? No Yes Local Flooding? No Yes Other? No Yes

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? No Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

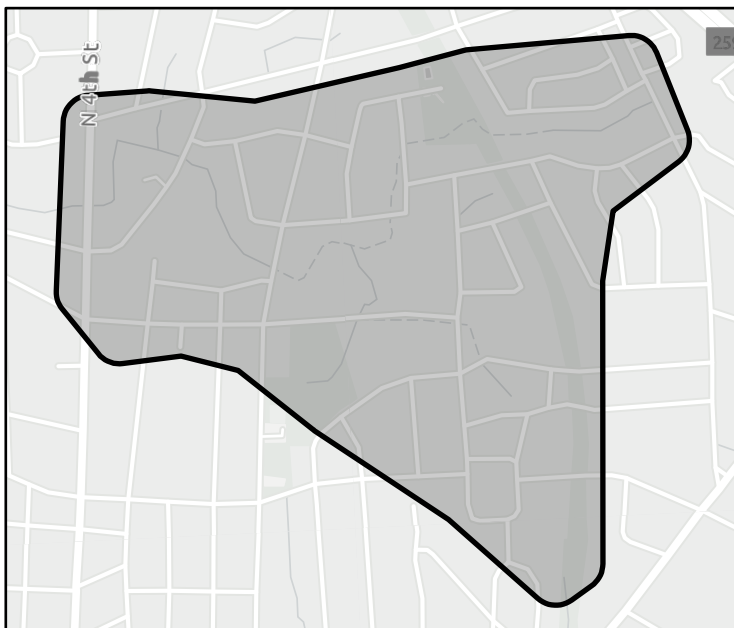
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? No Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

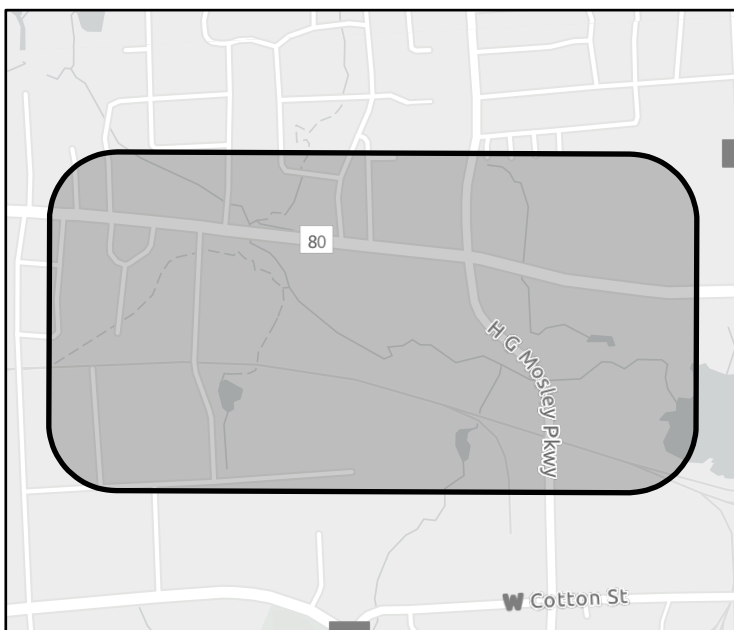
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? No Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

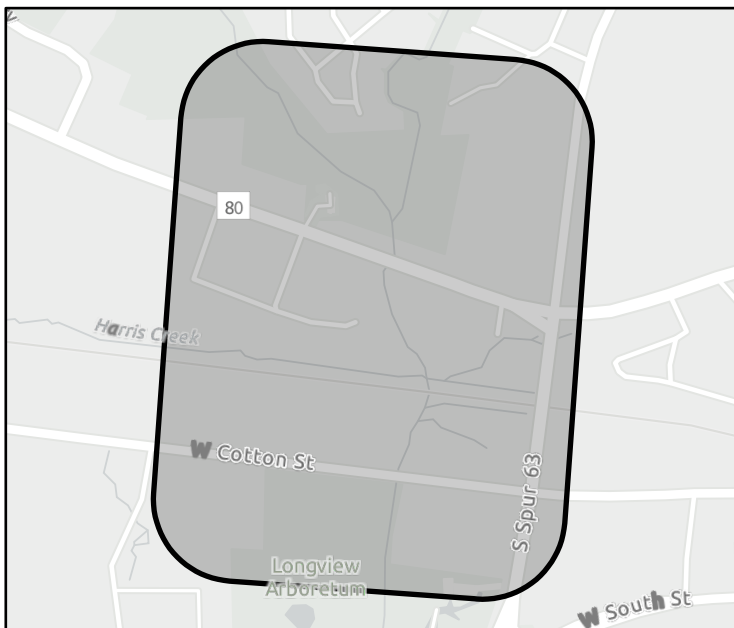
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? No Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

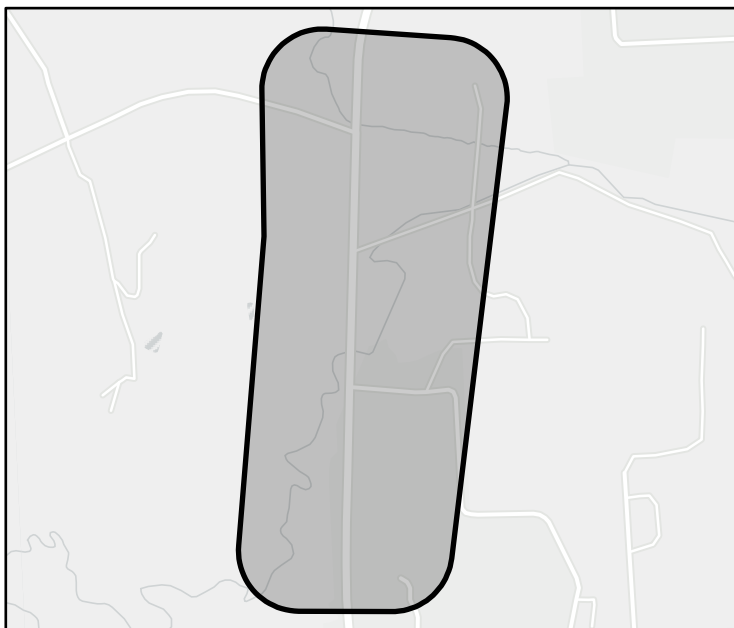
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? No Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

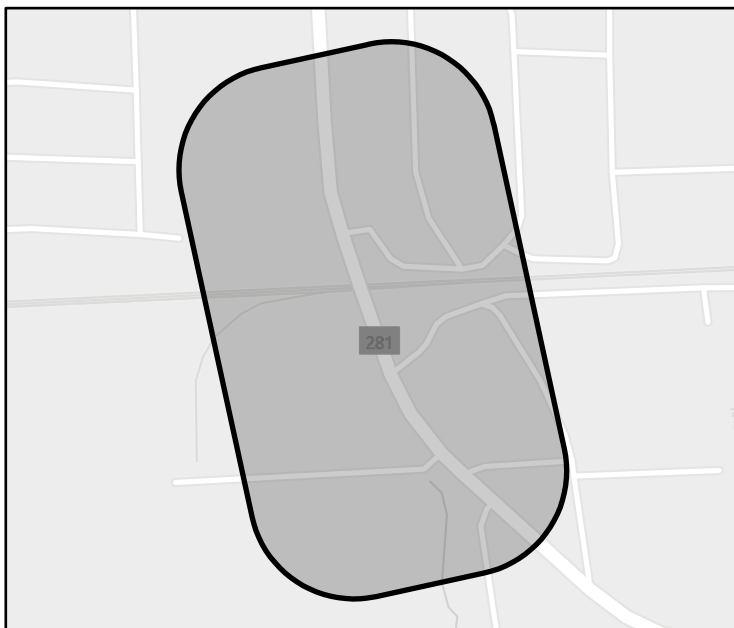
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

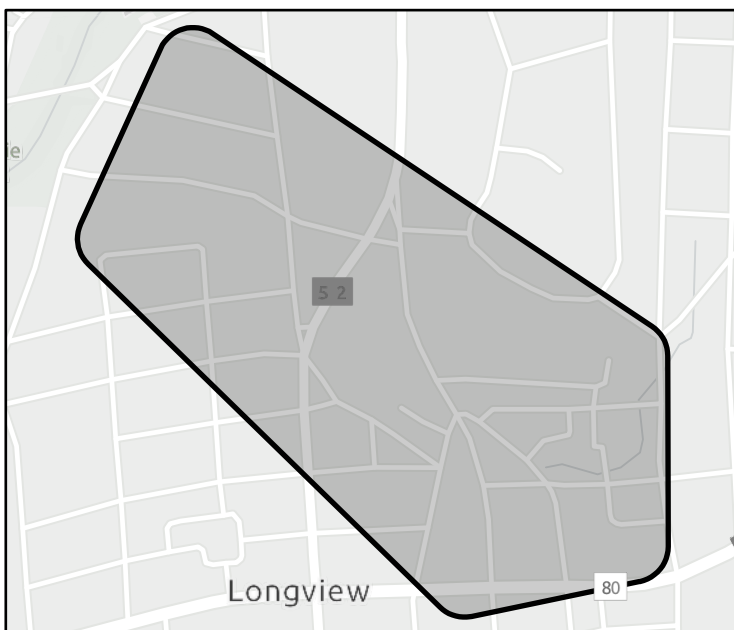
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title SH 135 Underpass Flooding

ID# 041000112 Sponsor Kilgore (Municipality)

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type Project Planning County Gregg

Study description Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.

FME to create new H&H model? No Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.) 0

Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.

100-Year Flood Risk Summary

Population at risk 0 # of structures 0 # of critical facilities 0

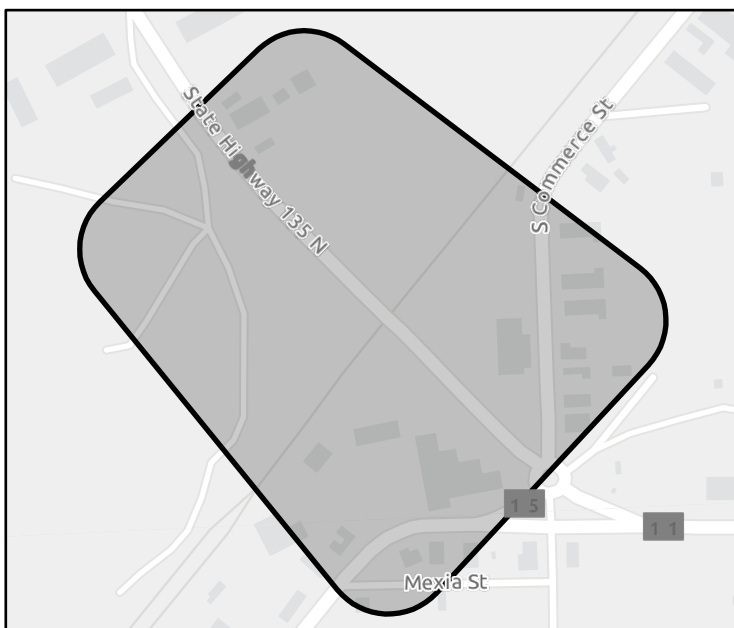
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) 0 Roadways impacted (miles) 0

of low water crossings - # of historical road closures -

Estimated Cost and Funding Availability

Total Cost \$75,000 Potential federal funding availability? No Potential Federal Funding Sources None



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

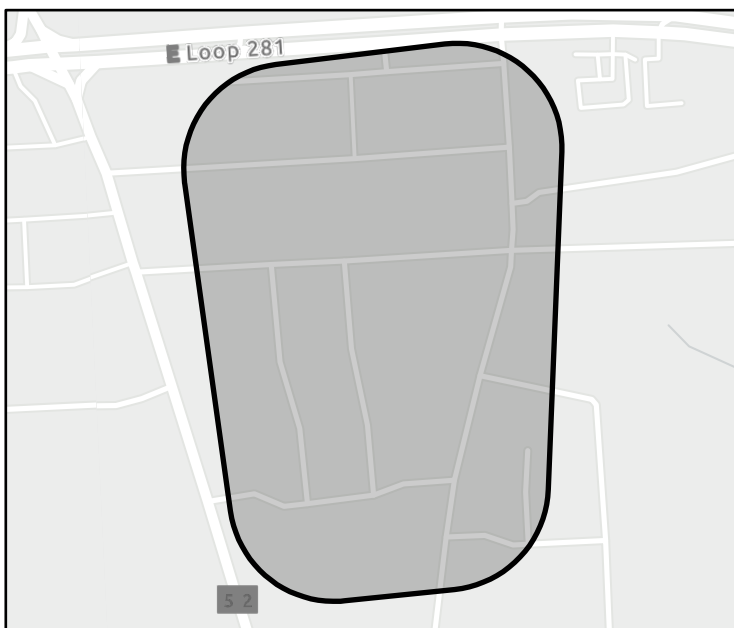
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

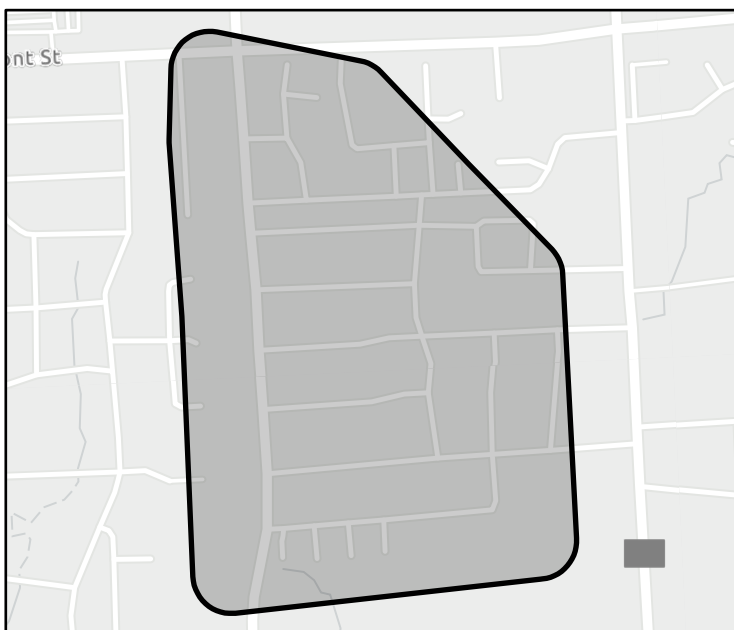
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

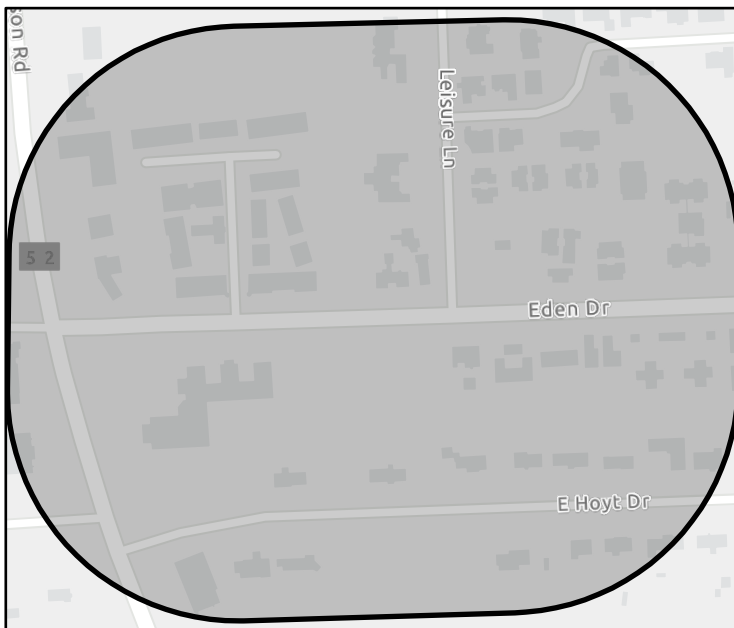
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

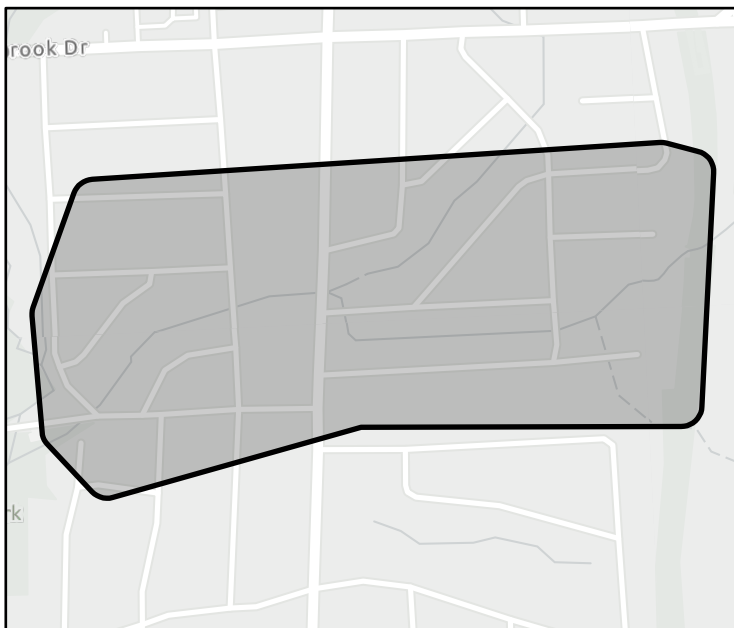
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

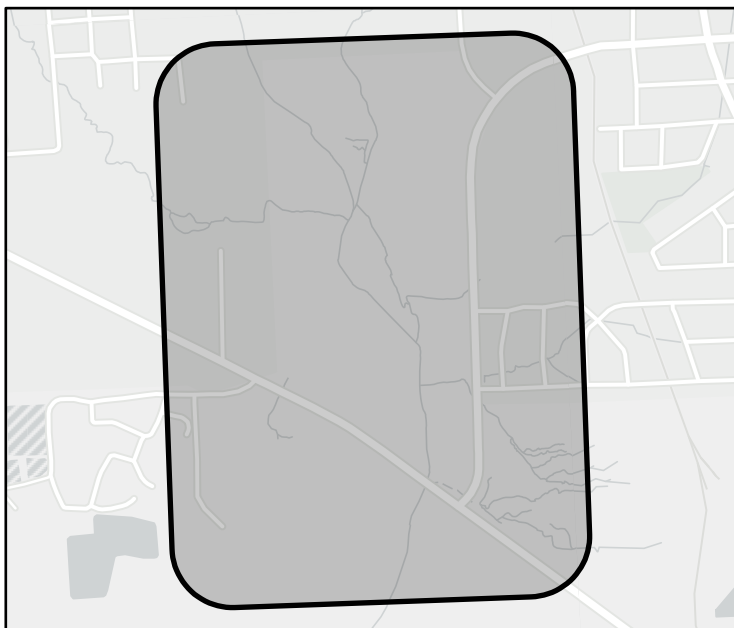
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

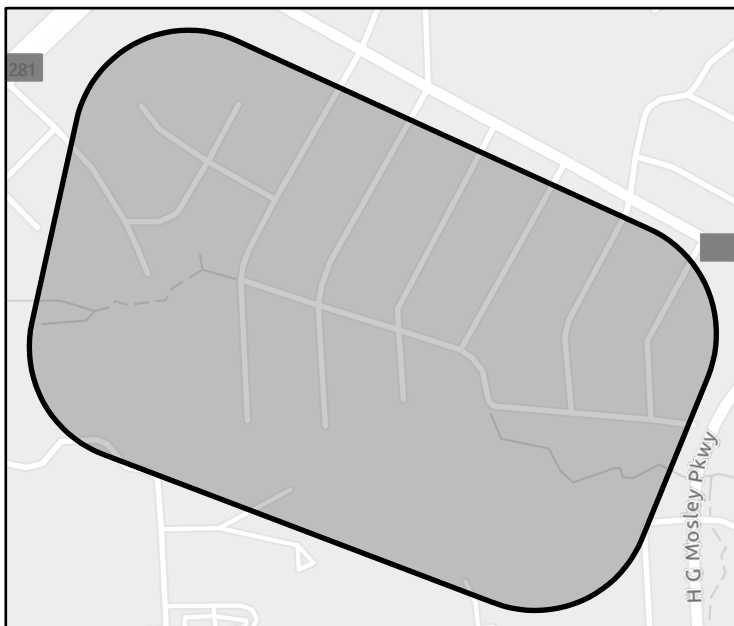
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

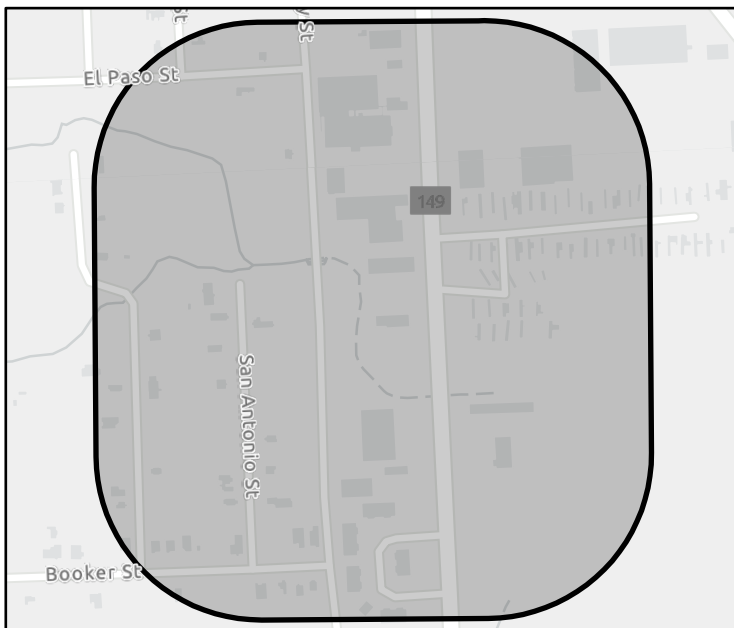
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

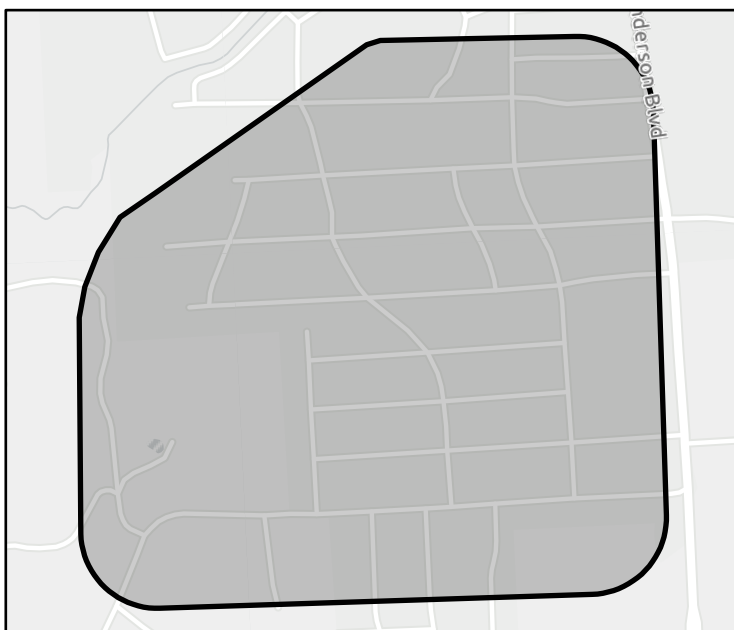
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

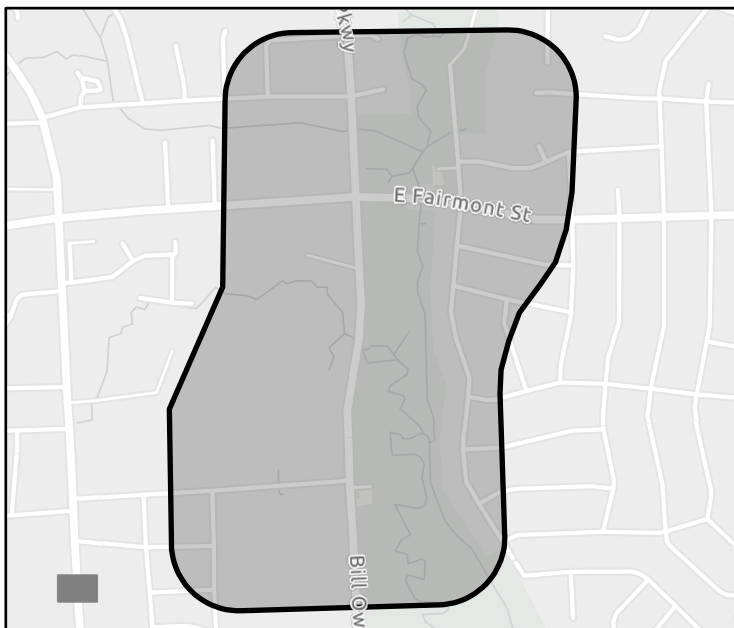
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title Secretariat Trail Neighborhood Flooding

ID# 041000122 Sponsor Longview (Municipality)

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type Project Planning County Gregg

Study description Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.

FME to create new H&H model? No Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.) 0

Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.

100-Year Flood Risk Summary

Population at risk 110 # of structures 11 # of critical facilities 0

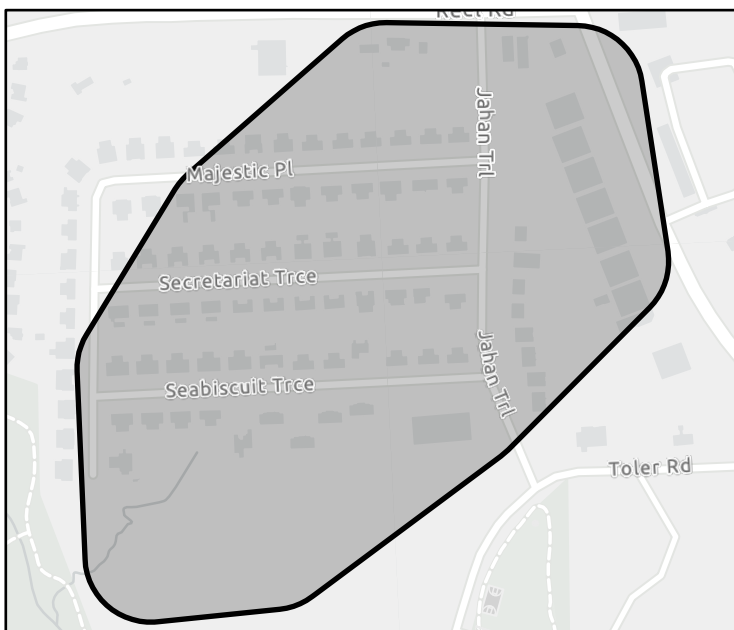
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) 0 Roadways impacted (miles) 0

of low water crossings - # of historical road closures -

Estimated Cost and Funding Availability

Total Cost \$75,000 Potential federal funding availability? No Potential Federal Funding Sources None



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

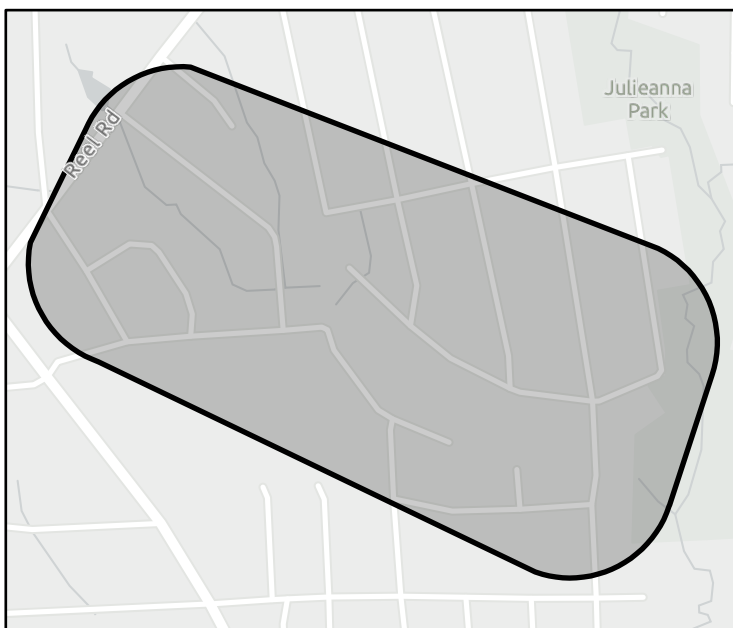
Goal(s)

100-Year Flood Risk Summary

Population at risk	<input type="text" value="50"/>	# of structures	<input type="text" value="21"/>	# of critical facilities	<input type="text" value="0"/>		
Flood risk type: Riverine?	<input type="text" value="Yes"/>	Coastal?	<input type="text" value="No"/>	Local Flooding?	<input type="text" value="No"/>	Other?	<input type="text" value="No"/>
Farm/Ranch land impacted (ac.)	<input type="text" value="0"/>	Roadways impacted (miles)	<input type="text" value="0"/>				
# of low water crossings	<input type="text" value="0"/>	# of historical road closures	<input type="text" value="0"/>				

Estimated Cost and Funding Availability

Total Cost	<input type="text" value="\$75,000"/>	Potential federal funding availability?	<input type="text" value="No"/>	Potential Federal Funding Sources	<input type="text" value="None"/>
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FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

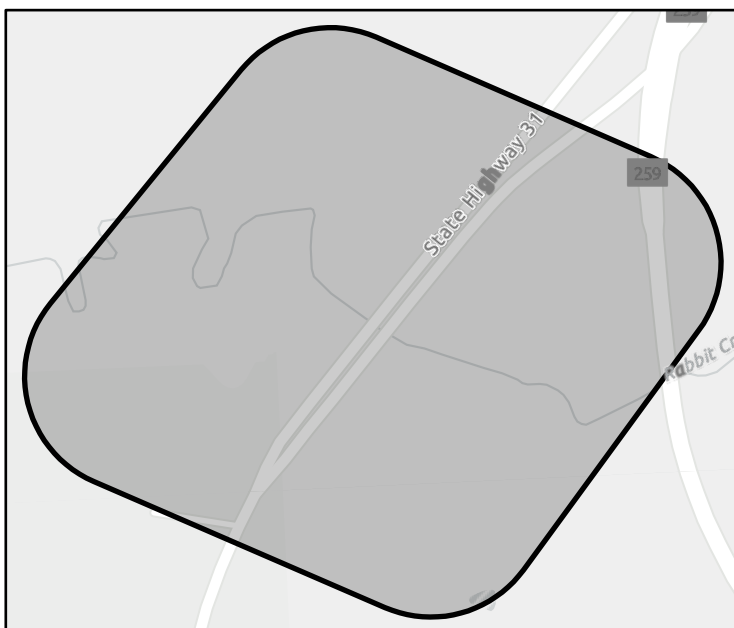
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? No Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

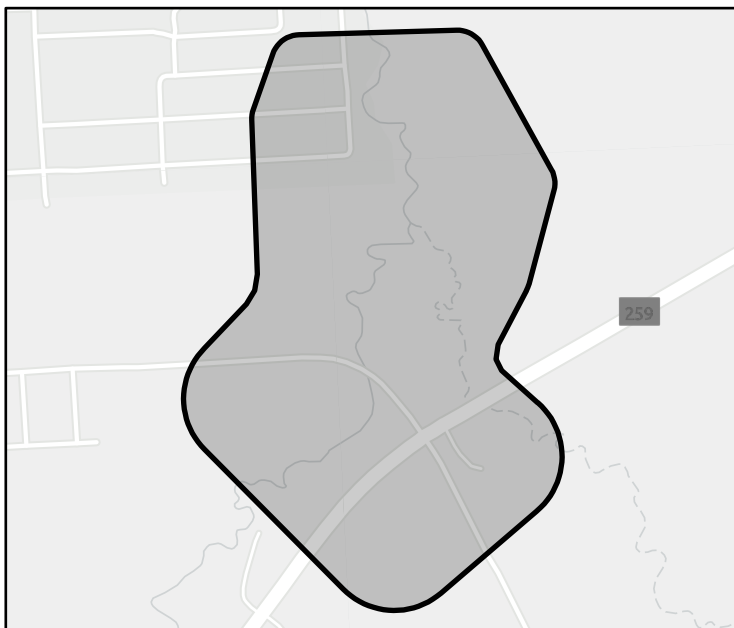
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? No Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

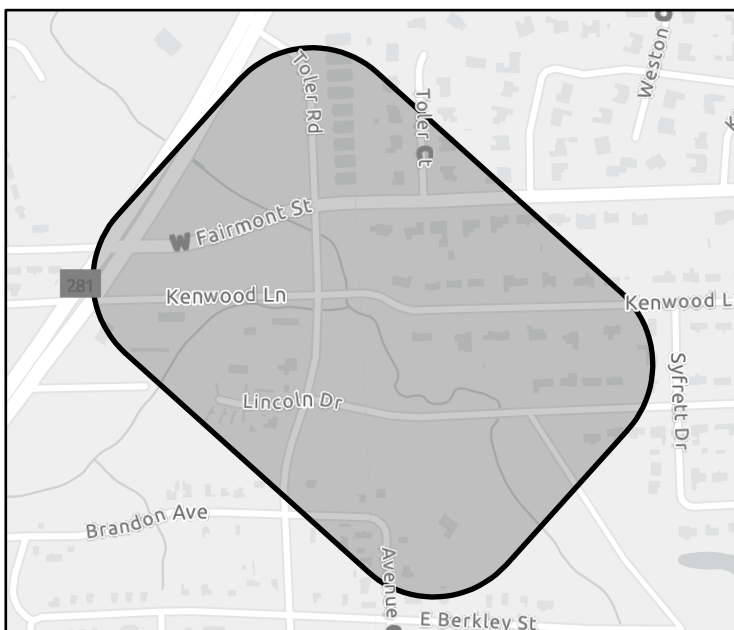
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

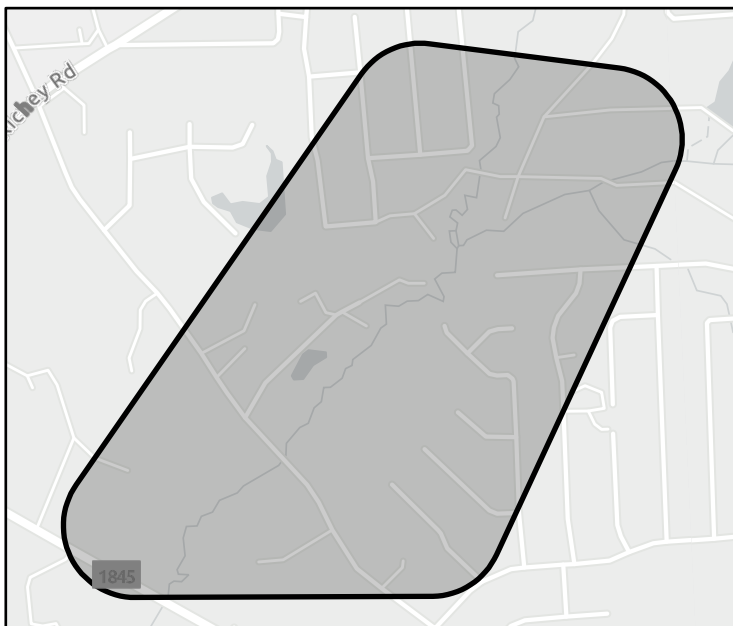
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

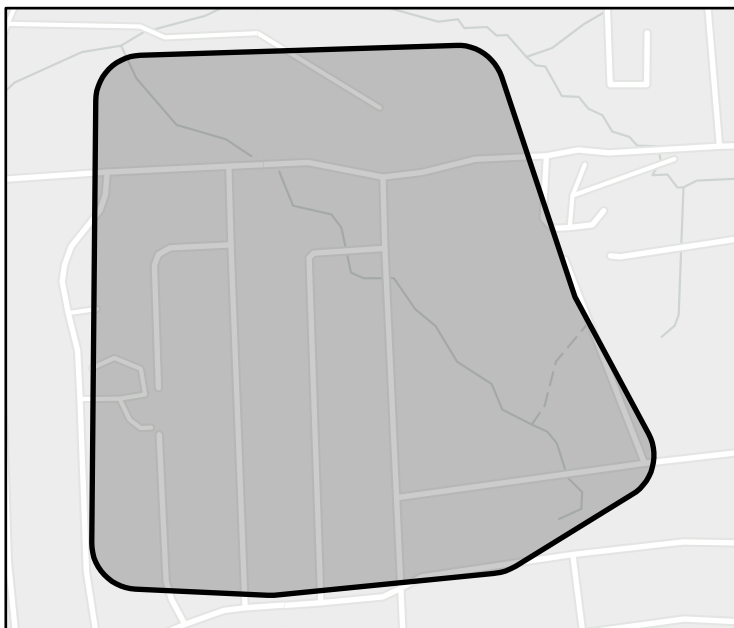
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? No Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.)

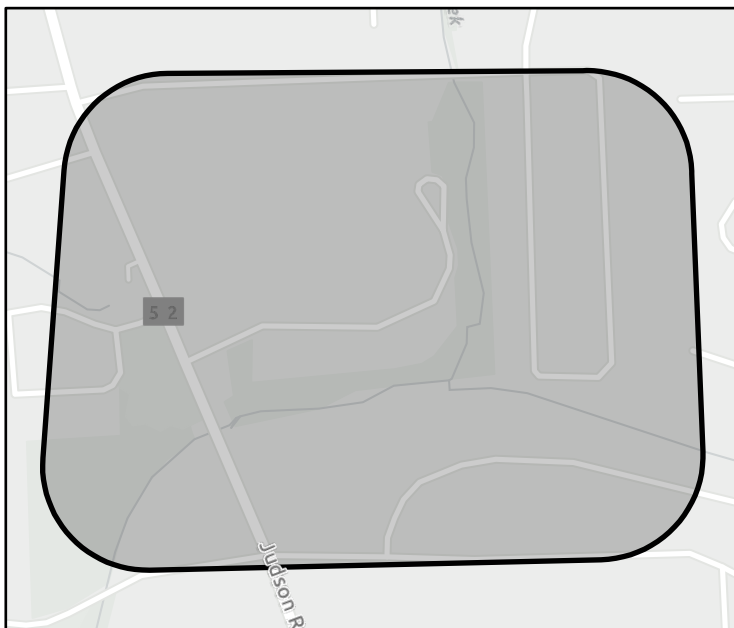
Goal(s)

100-Year Flood Risk Summary

Population at risk	<input type="text" value="447"/>	# of structures	<input type="text" value="4"/>	# of critical facilities	<input type="text" value="0"/>		
Flood risk type: Riverine?	<input checked="" type="checkbox"/> Yes	Coastal?	<input type="checkbox"/> No	Local Flooding?	<input type="checkbox"/> No	Other?	<input type="checkbox"/> No
Farm/Ranch land impacted (ac.)	<input type="text" value="1"/>	Roadways impacted (miles)	<input type="text" value="1"/>				
# of low water crossings	<input type="text" value="0"/>	# of historical road closures	<input type="text" value="0"/>				

Estimated Cost and Funding Availability

Total Cost	<input type="text" value="\$75,000"/>	Potential federal funding availability?	<input type="checkbox"/> No	Potential Federal Funding Sources	<input type="text" value="None"/>
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FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

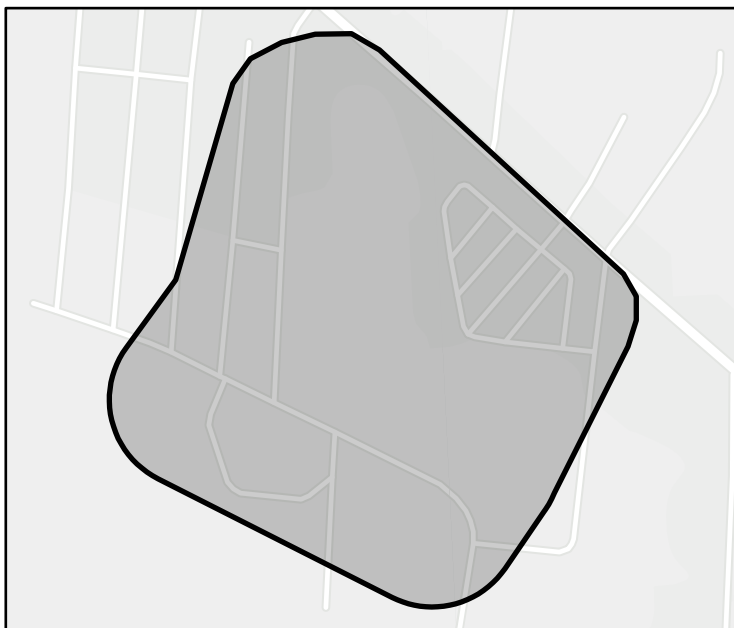
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? No Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

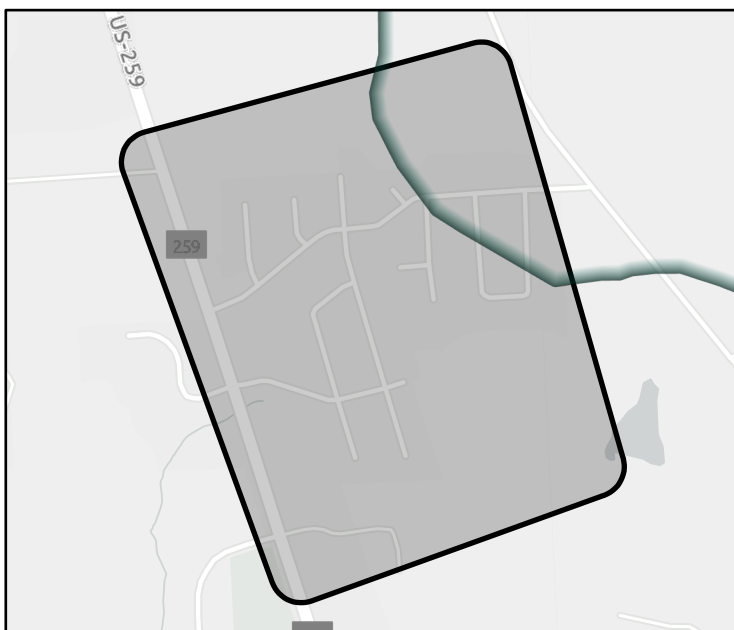
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? No Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

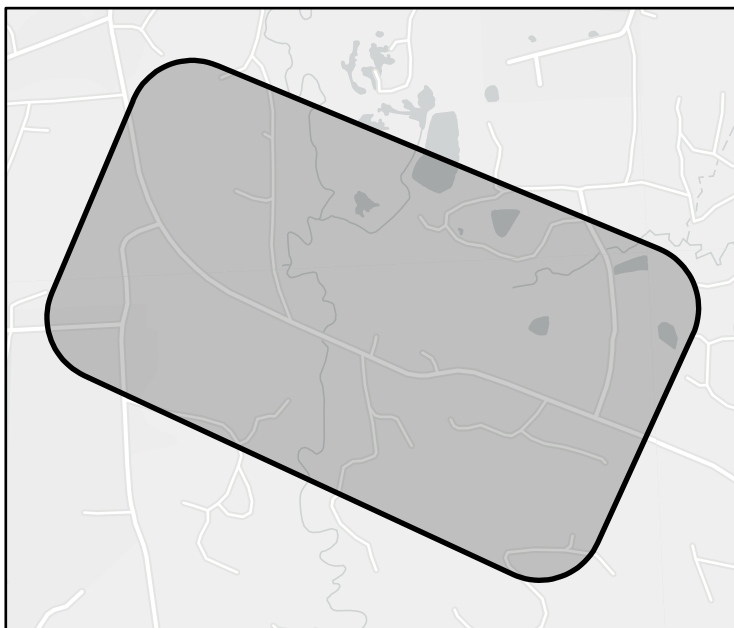
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

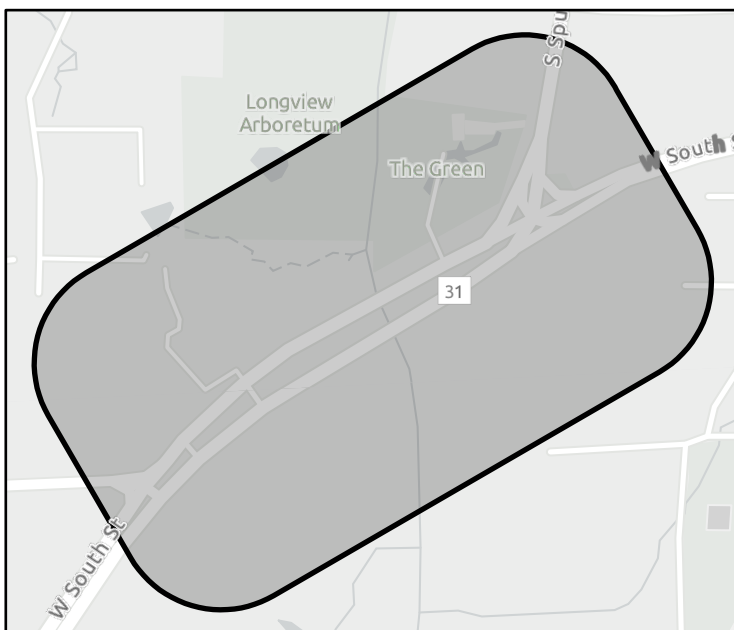
Goal(s)

100-Year Flood Risk Summary

Population at risk	<input type="text" value="64"/>	# of structures	<input type="text" value="3"/>	# of critical facilities	<input type="text" value="0"/>		
Flood risk type: Riverine?	<input type="text" value="Yes"/>	Coastal?	<input type="text" value="No"/>	Local Flooding?	<input type="text" value="No"/>	Other?	<input type="text" value="No"/>
Farm/Ranch land impacted (ac.)	<input type="text" value="0"/>	Roadways impacted (miles)	<input type="text" value="0"/>				
# of low water crossings	<input type="text" value="0"/>	# of historical road closures	<input type="text" value="0"/>				

Estimated Cost and Funding Availability

Total Cost	<input type="text" value="\$75,000"/>	Potential federal funding availability?	<input type="text" value="No"/>	Potential Federal Funding Sources	<input type="text" value="None"/>
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FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

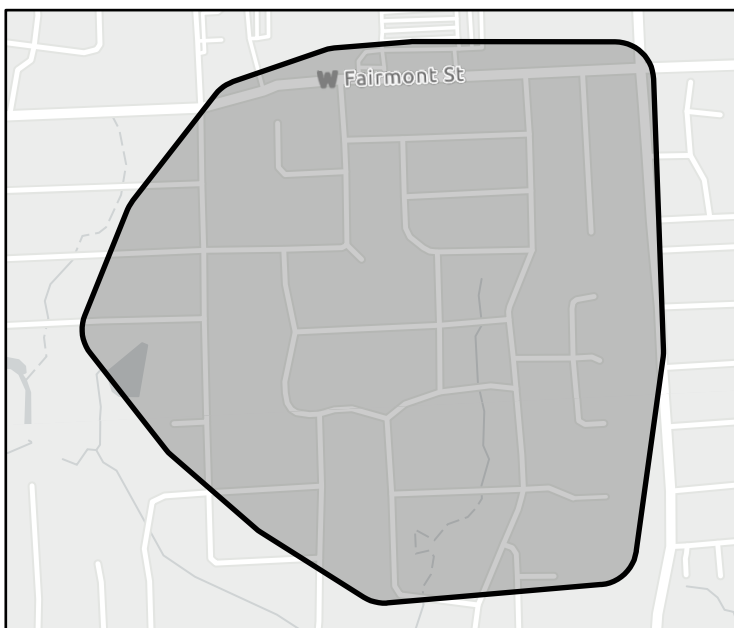
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



Title Sabine Street and Railroad Flooding

ID# 041000136 Sponsor Longview (Municipality)

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type Project Planning County Gregg

Study description Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.

FME to create new H&H model? No Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.) 0

Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.

100-Year Flood Risk Summary

Population at risk 0 # of structures 0 # of critical facilities 0

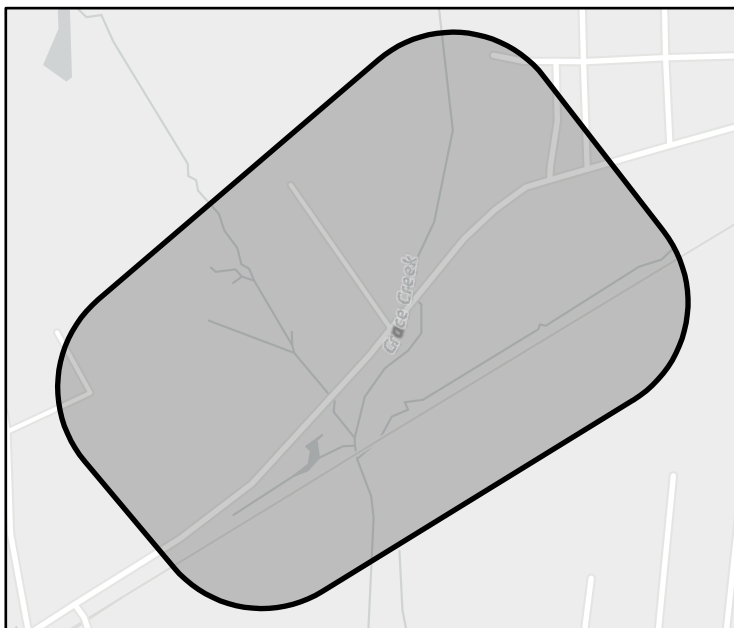
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) 4 Roadways impacted (miles) 4

of low water crossings 0 # of historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$75,000 Potential federal funding availability? No Potential Federal Funding Sources None



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

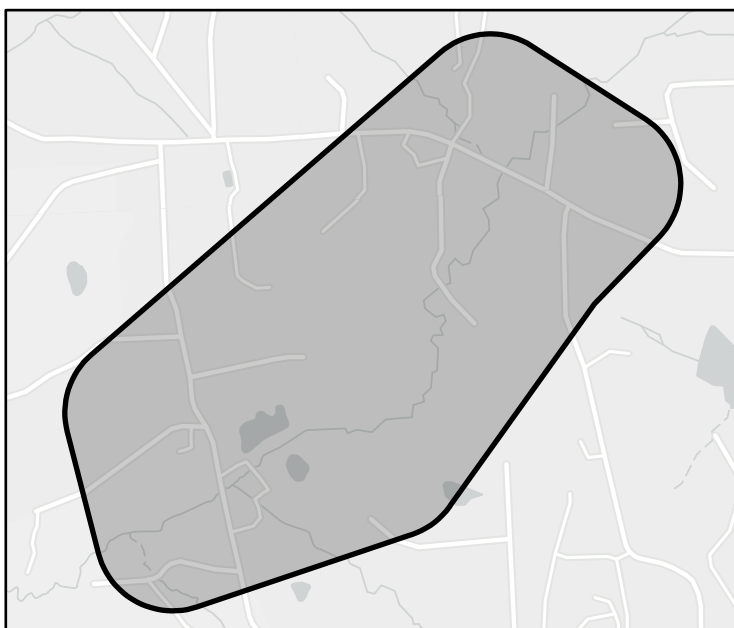
Goal(s)

100-Year Flood Risk Summary

Population at risk	<input type="text" value="0"/>	# of structures	<input type="text" value="1"/>	# of critical facilities	<input type="text" value="0"/>		
Flood risk type: Riverine?	<input type="text" value="Yes"/>	Coastal?	<input type="text" value="No"/>	Local Flooding?	<input type="text" value="No"/>	Other?	<input type="text" value="No"/>
Farm/Ranch land impacted (ac.)	<input type="text" value="3"/>	Roadways impacted (miles)	<input type="text" value="3"/>				
# of low water crossings	<input type="text" value="0"/>	# of historical road closures	<input type="text" value="0"/>				

Estimated Cost and Funding Availability

Total Cost	<input type="text" value="\$75,000"/>	Potential federal funding availability?	<input type="text" value="No"/>	Potential Federal Funding Sources	<input type="text" value="None"/>
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FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title Coleman Drive Neighborhood Flooding

ID# 041000138 Sponsor Longview (Municipality)

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type Project Planning County Gregg

Study description Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.

FME to create new H&H model? No Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.) 0

Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.

100-Year Flood Risk Summary

Population at risk 58 # of structures 27 # of critical facilities 0

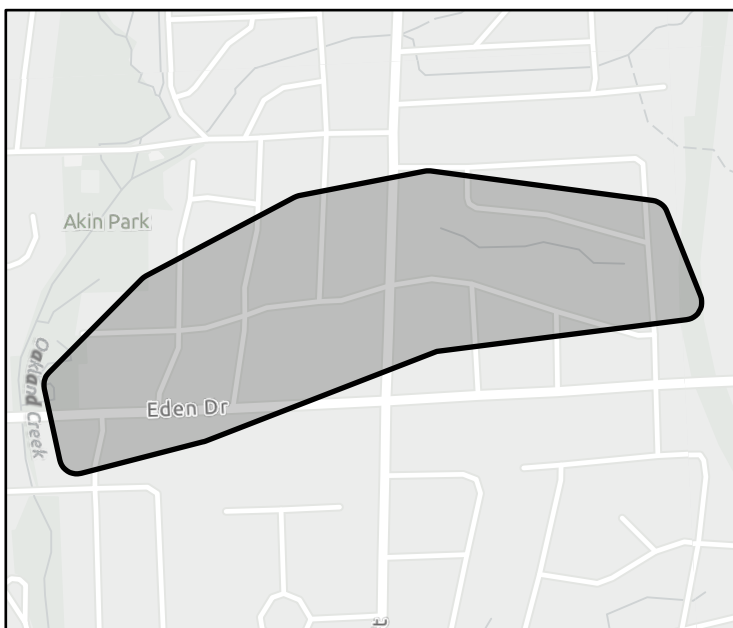
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) 0 Roadways impacted (miles) 0

of low water crossings - # of historical road closures -

Estimated Cost and Funding Availability

Total Cost \$75,000 Potential federal funding availability? No Potential Federal Funding Sources None



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

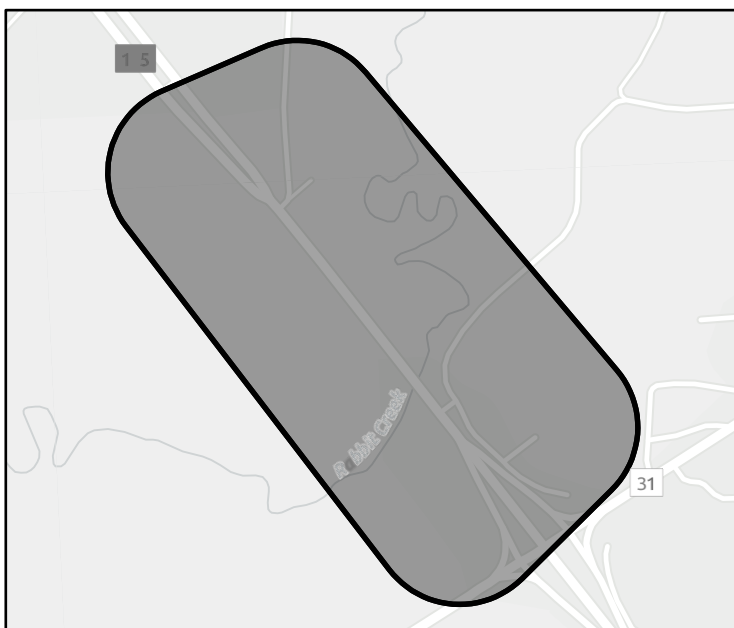
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

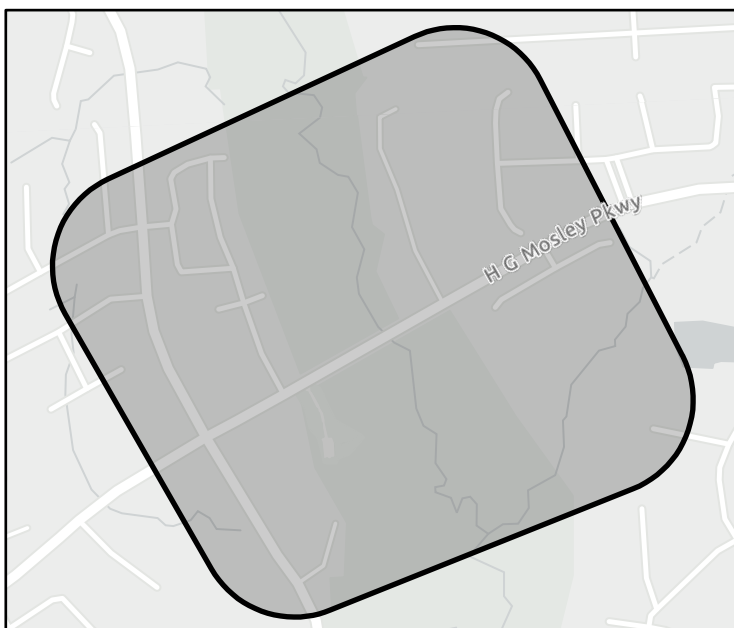
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

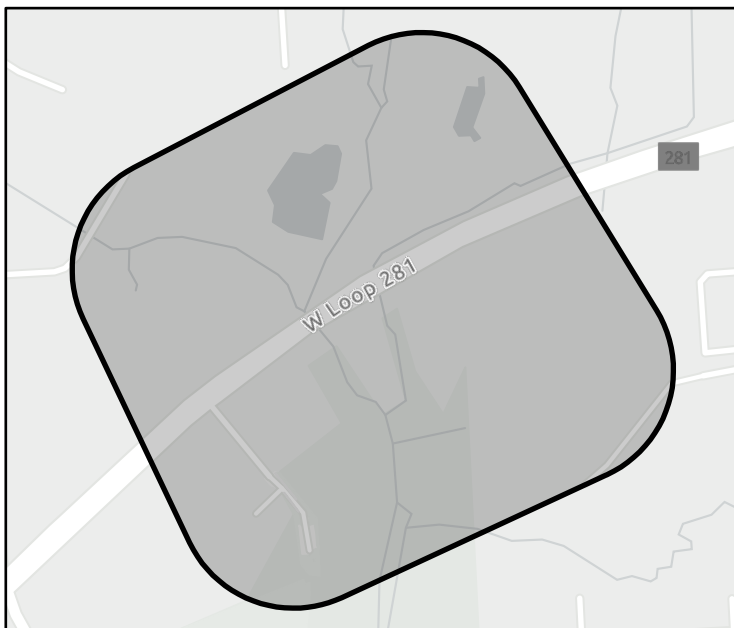
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

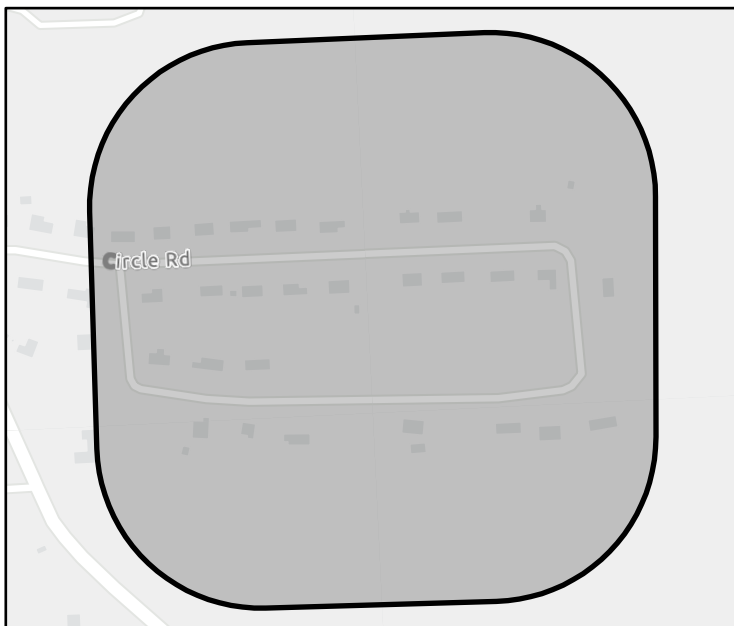
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? No Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

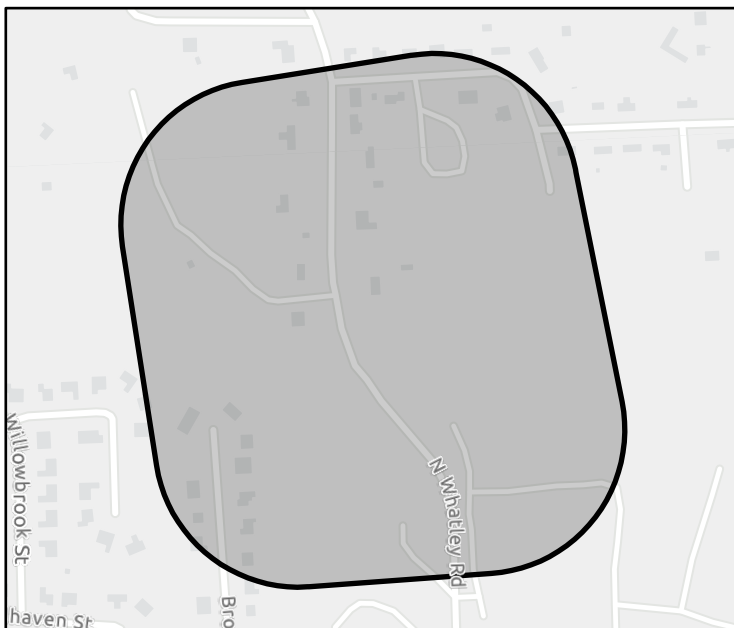
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? No Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? No Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

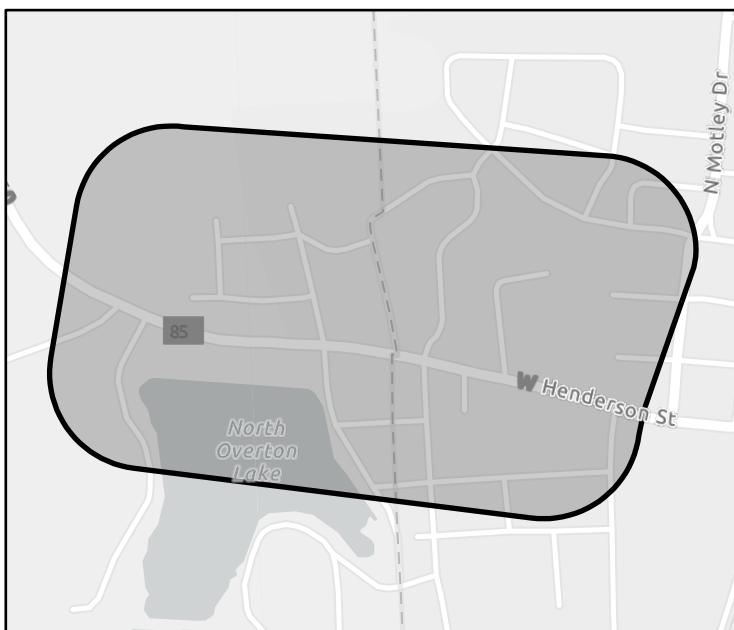
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? No Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? No Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

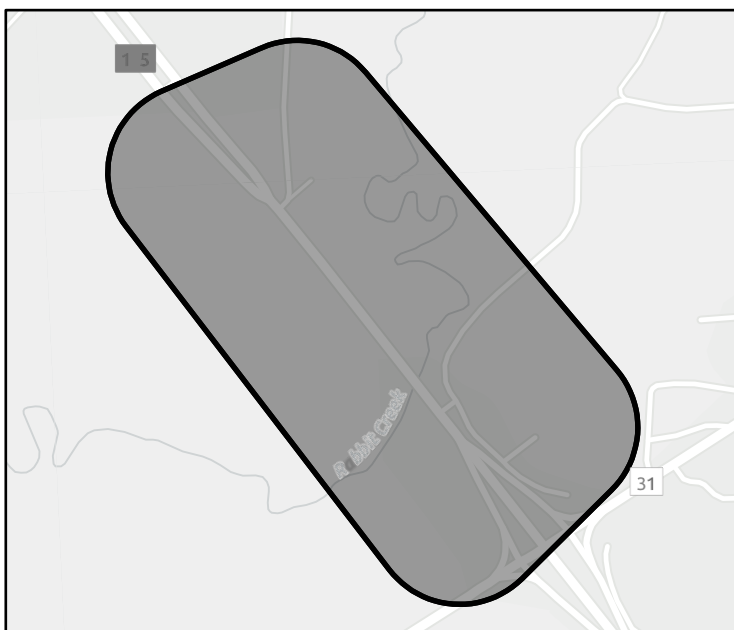
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? No Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

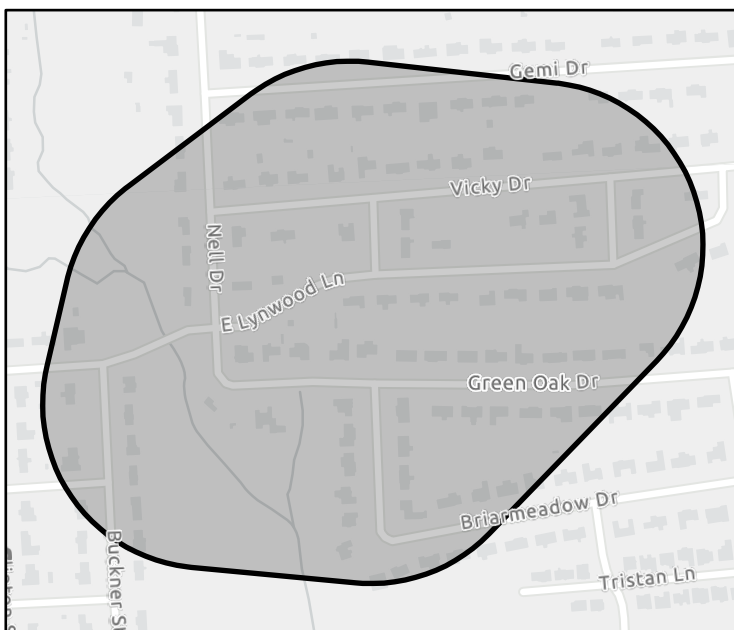
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

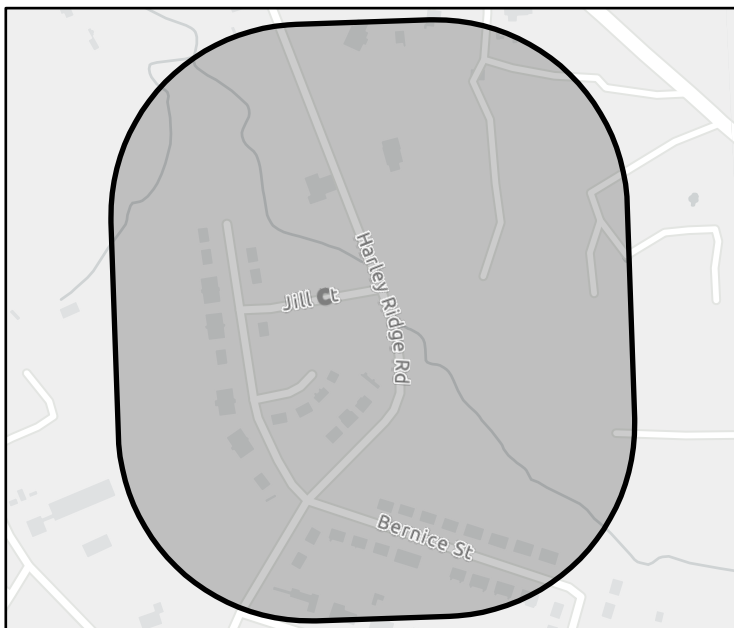
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

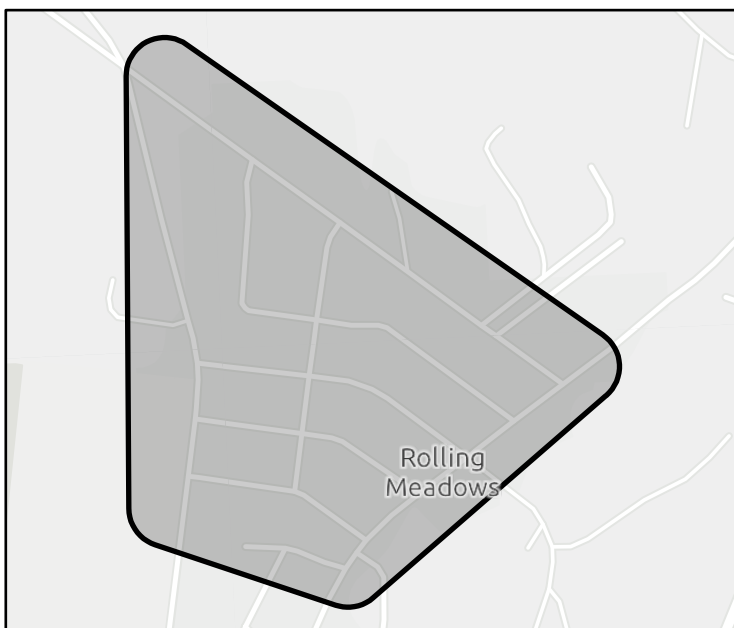
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title Evergreen Street Overtopping

ID# 041000151 Sponsor Longview (Municipality)

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type Project Planning County Gregg

Study description Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.

FME to create new H&H model? No Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.) 0

Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.

100-Year Flood Risk Summary

Population at risk 0 # of structures 0 # of critical facilities 0

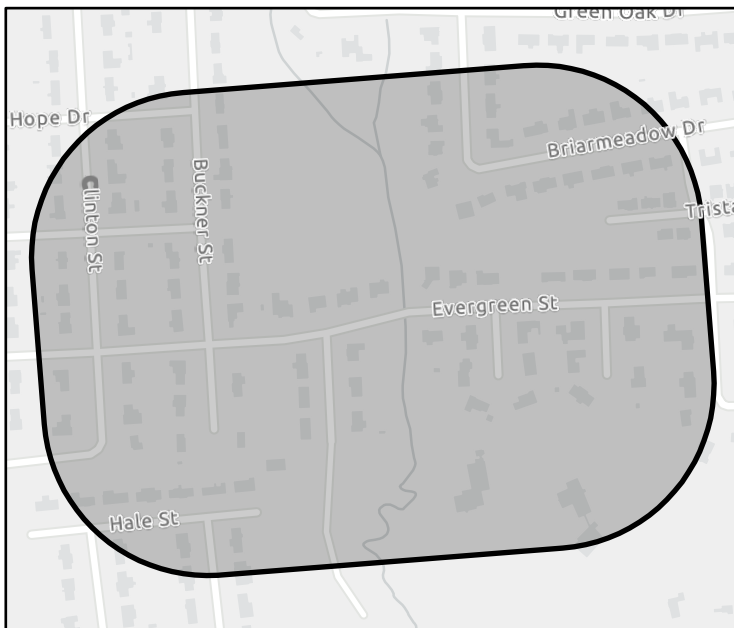
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) 0 Roadways impacted (miles) 0

of low water crossings 0 # of historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$75,000 Potential federal funding availability? No Potential Federal Funding Sources None



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title Higginbotham Road Neighborhood Flooding

ID# 041000152 Sponsor Kilgore (Municipality)

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type Project Planning County Gregg

Study description Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.

FME to create new H&H model? No Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.) 0

Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.

100-Year Flood Risk Summary

Population at risk 26 # of structures 12 # of critical facilities 0

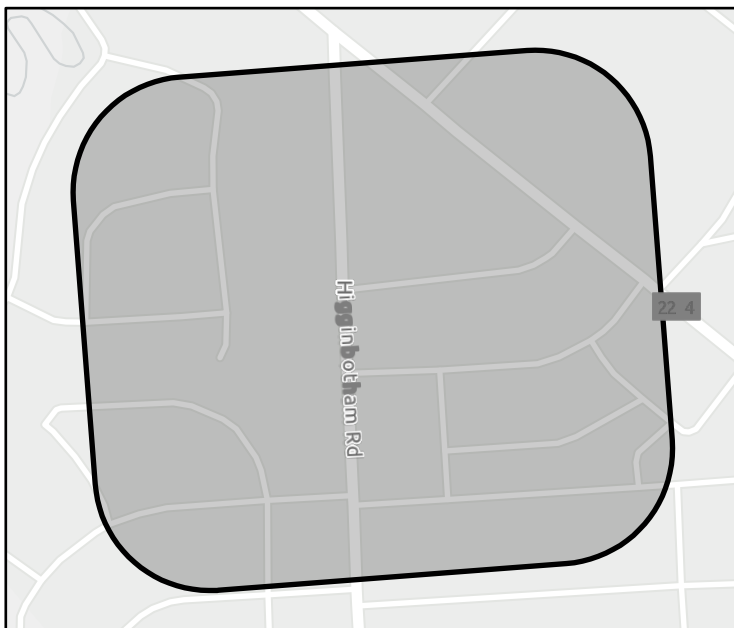
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) 0 Roadways impacted (miles) 0

of low water crossings - # of historical road closures -

Estimated Cost and Funding Availability

Total Cost \$75,000 Potential federal funding availability? No Potential Federal Funding Sources None



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title Meadowview Road Flooding

ID# 041000153 Sponsor Longview (Municipality)

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type Project Planning County Gregg

Study description Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.

FME to create new H&H model? No Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.) 0

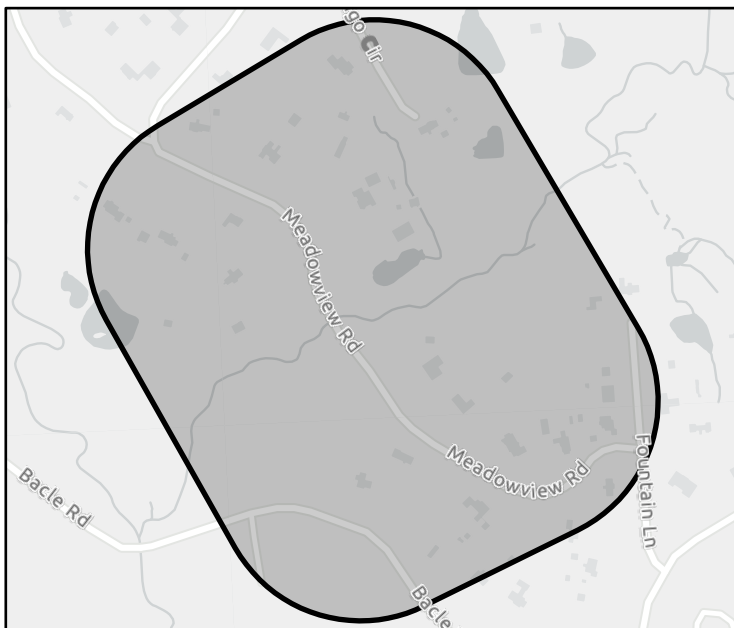
Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.

100-Year Flood Risk Summary

Population at risk	3	# of structures	2	# of critical facilities	0		
Flood risk type: Riverine?	Yes	Coastal?	No	Local Flooding?	No	Other?	No
Farm/Ranch land impacted (ac.)	3	Roadways impacted (miles)	3				
# of low water crossings	0	# of historical road closures	0				

Estimated Cost and Funding Availability

Total Cost	\$75,000	Potential federal funding availability?	No	Potential Federal Funding Sources	None
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FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? No Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

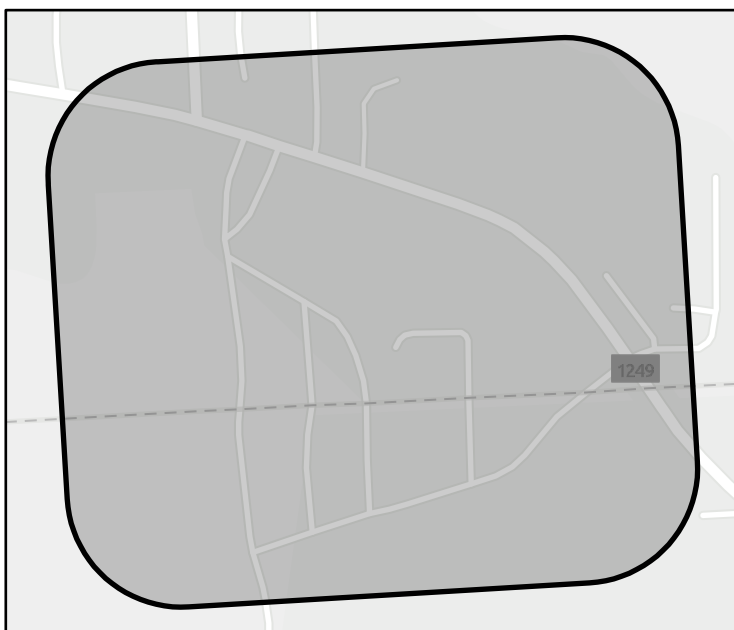
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? No Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? No Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.)

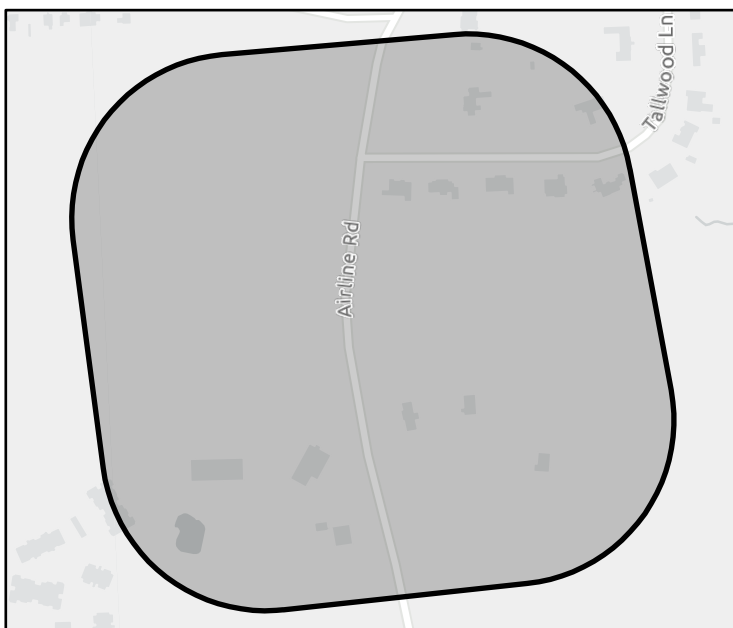
Goal(s)

100-Year Flood Risk Summary

Population at risk	<input type="text" value="0"/>	# of structures	<input type="text" value="1"/>	# of critical facilities	<input type="text" value="0"/>		
Flood risk type: Riverine?	<input checked="" type="checkbox"/> Yes	Coastal?	<input type="checkbox"/> No	Local Flooding?	<input type="checkbox"/> No	Other?	<input type="checkbox"/> No
Farm/Ranch land impacted (ac.)	<input type="text" value="1"/>	Roadways impacted (miles)	<input type="text" value="1"/>				
# of low water crossings	<input type="text" value="-"/>	# of historical road closures	<input type="text" value="-"/>				

Estimated Cost and Funding Availability

Total Cost	<input type="text" value="\$75,000"/>	Potential federal funding availability?	<input type="checkbox"/> No	Potential Federal Funding Sources	<input type="text" value="None"/>
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FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

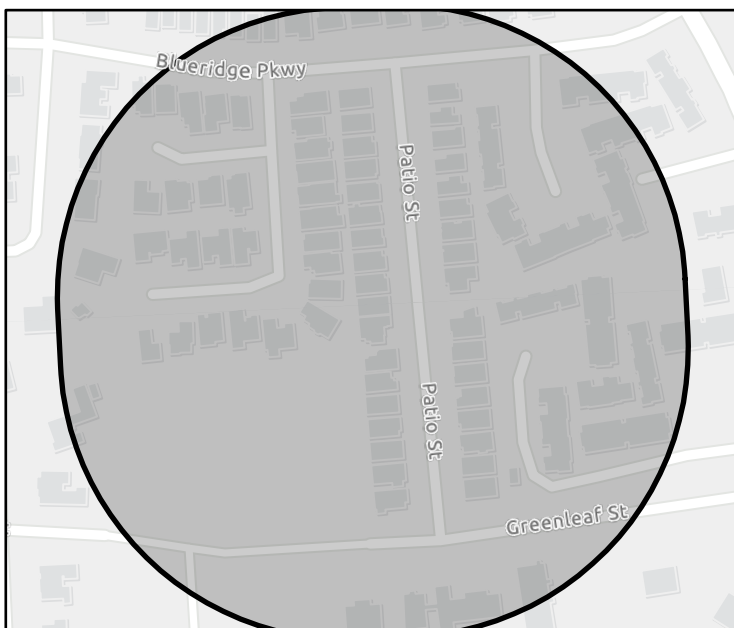
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

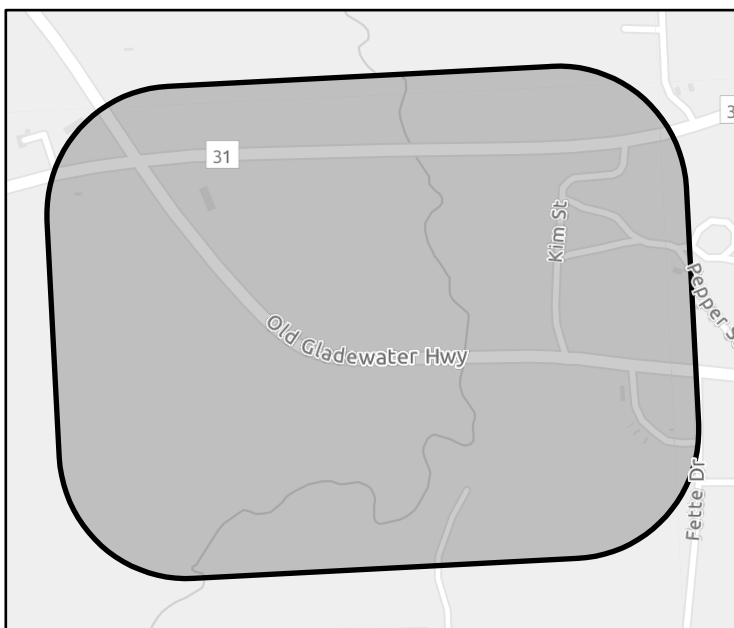
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

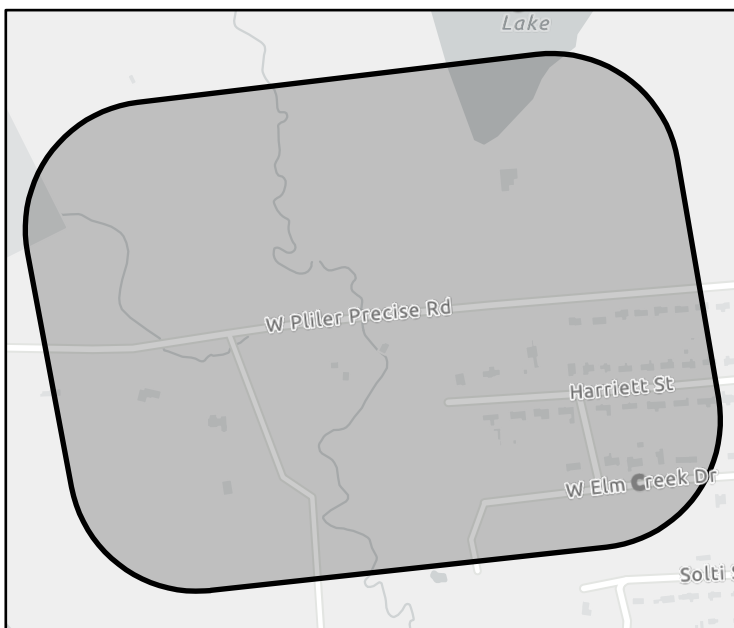
Goal(s)

100-Year Flood Risk Summary

Population at risk	<input type="text" value="0"/>	# of structures	<input type="text" value="0"/>	# of critical facilities	<input type="text" value="0"/>		
Flood risk type: Riverine?	<input type="text" value="Yes"/>	Coastal?	<input type="text" value="No"/>	Local Flooding?	<input type="text" value="No"/>	Other?	<input type="text" value="No"/>
Farm/Ranch land impacted (ac.)	<input type="text" value="2"/>	Roadways impacted (miles)	<input type="text" value="2"/>				
# of low water crossings	<input type="text" value="0"/>	# of historical road closures	<input type="text" value="0"/>				

Estimated Cost and Funding Availability

Total Cost	<input type="text" value="\$75,000"/>	Potential federal funding availability?	<input type="text" value="No"/>	Potential Federal Funding Sources	<input type="text" value="None"/>
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FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title Cassidy Lane Overtopping

ID# 041000159 Sponsor Kilgore (Municipality)

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type Project Planning County Rusk

Study description Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.

FME to create new H&H model? No Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.) 0

Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.

100-Year Flood Risk Summary

Population at risk 0 # of structures 0 # of critical facilities 0

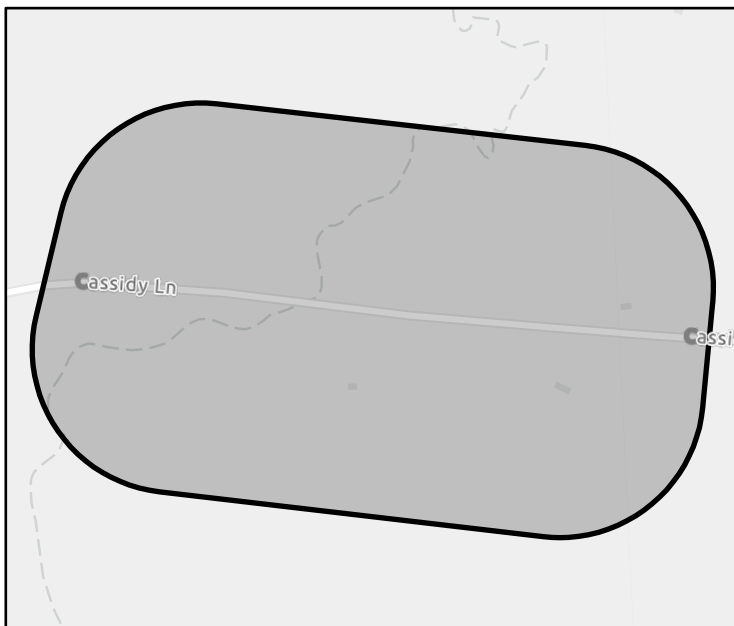
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) 0 Roadways impacted (miles) 0

of low water crossings 0 # of historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$75,000 Potential federal funding availability? No Potential Federal Funding Sources None



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

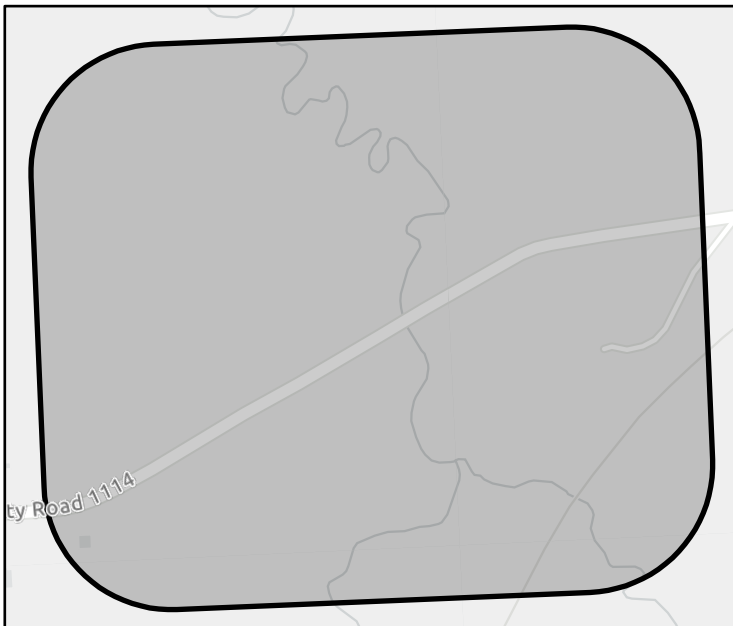
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

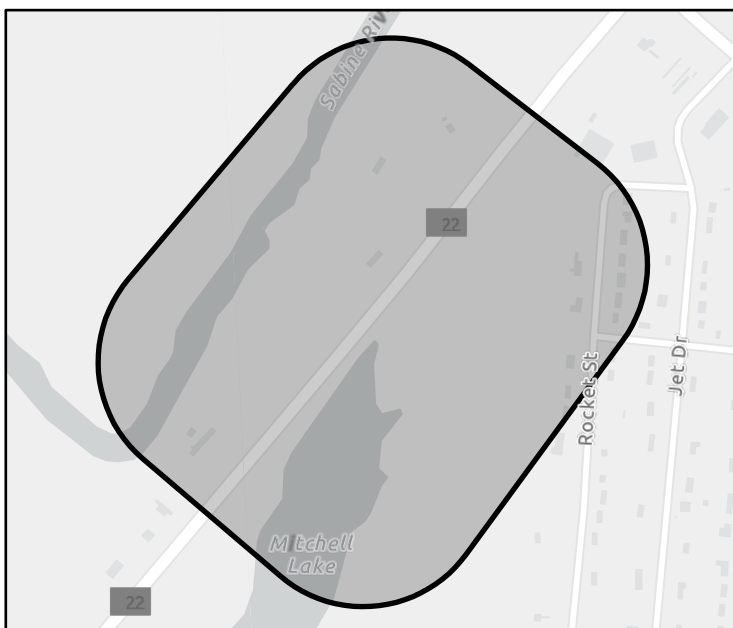
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

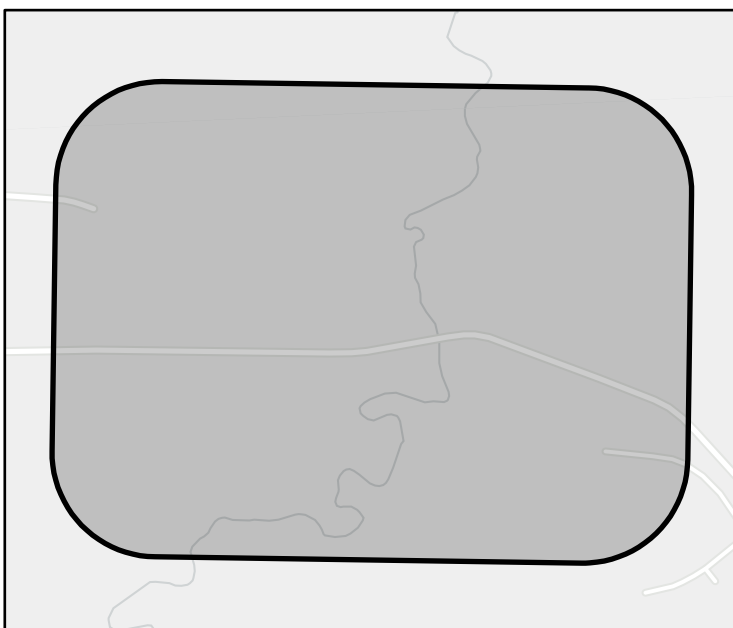
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

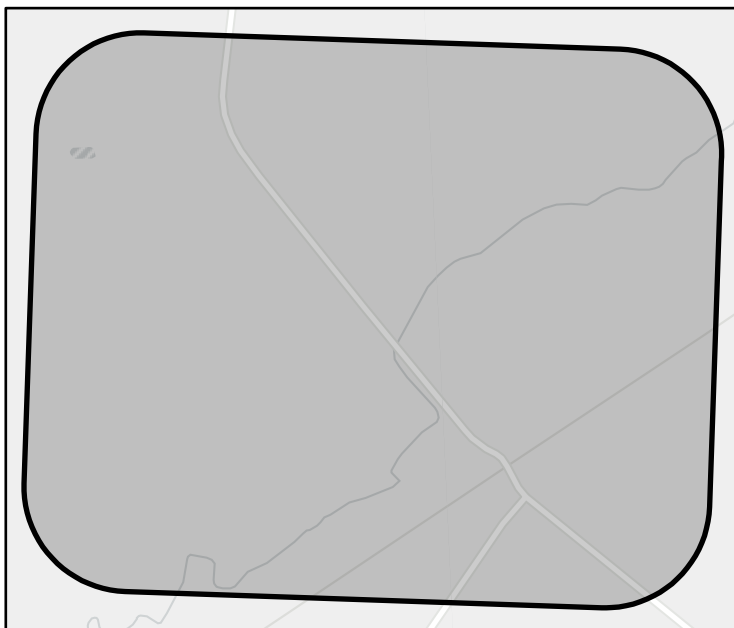
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

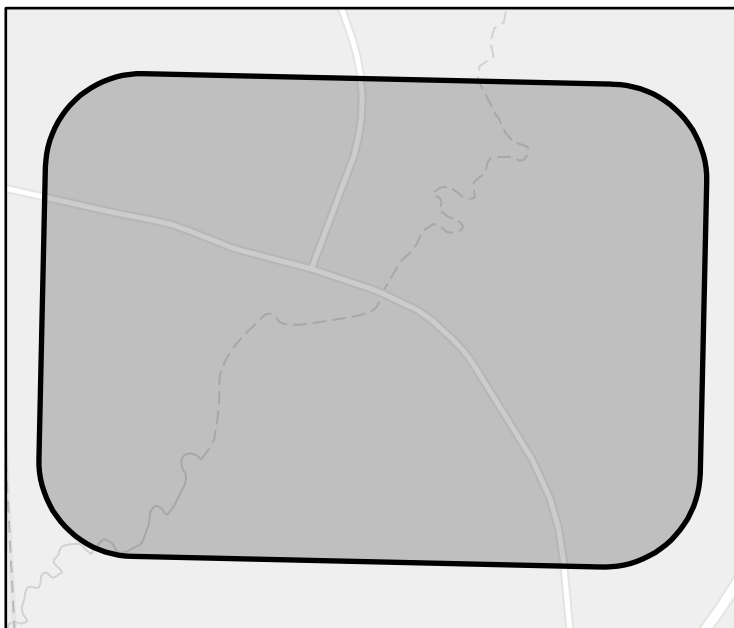
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

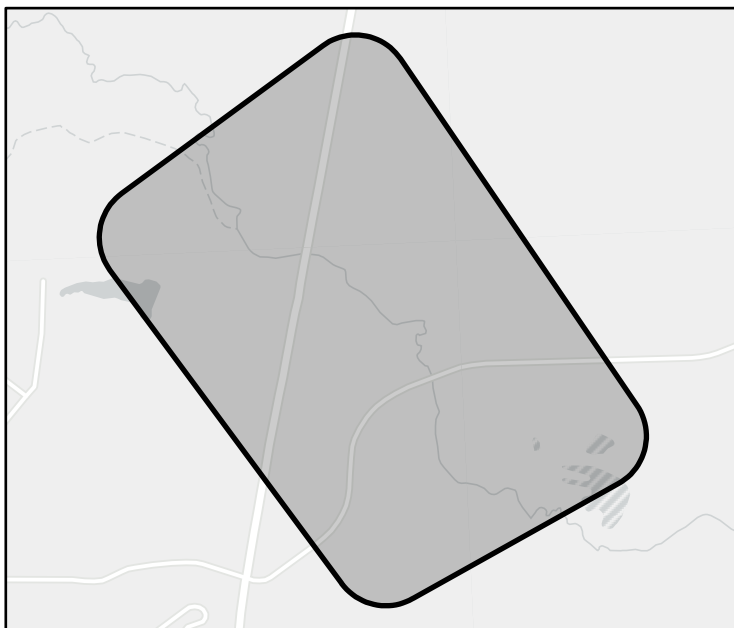
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

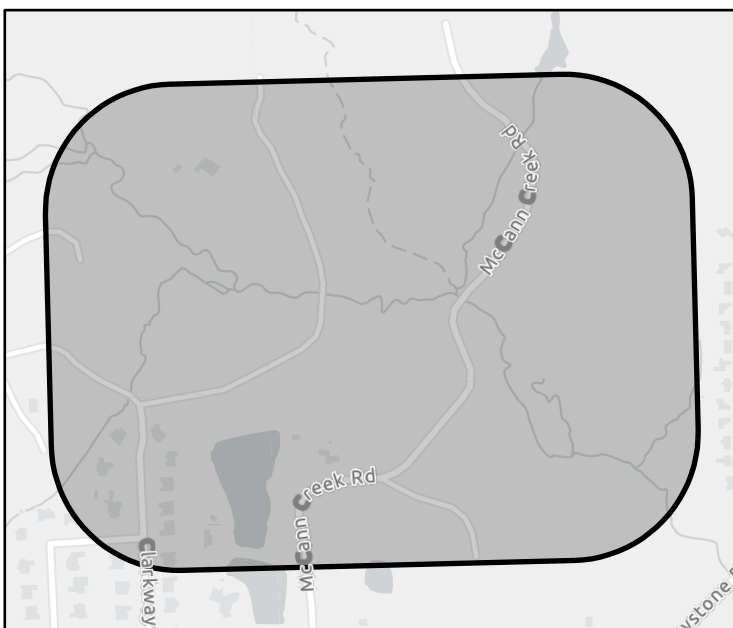
Goal(s)

100-Year Flood Risk Summary

Population at risk	<input type="text" value="5"/>	# of structures	<input type="text" value="1"/>	# of critical facilities	<input type="text" value="0"/>		
Flood risk type: Riverine?	<input type="text" value="Yes"/>	Coastal?	<input type="text" value="No"/>	Local Flooding?	<input type="text" value="No"/>	Other?	<input type="text" value="No"/>
Farm/Ranch land impacted (ac.)	<input type="text" value="5"/>	Roadways impacted (miles)	<input type="text" value="5"/>				
# of low water crossings	<input type="text" value="0"/>	# of historical road closures	<input type="text" value="0"/>				

Estimated Cost and Funding Availability

Total Cost	<input type="text" value="\$75,000"/>	Potential federal funding availability?	<input type="text" value="No"/>	Potential Federal Funding Sources	<input type="text" value="None"/>
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FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title Meadows Lane Flooding

ID# 041000168 Sponsor Kilgore (Municipality)

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type Project Planning County Gregg

Study description Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.

FME to create new H&H model? No Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.) 0

Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.

100-Year Flood Risk Summary

Population at risk 0 # of structures 0 # of critical facilities 0

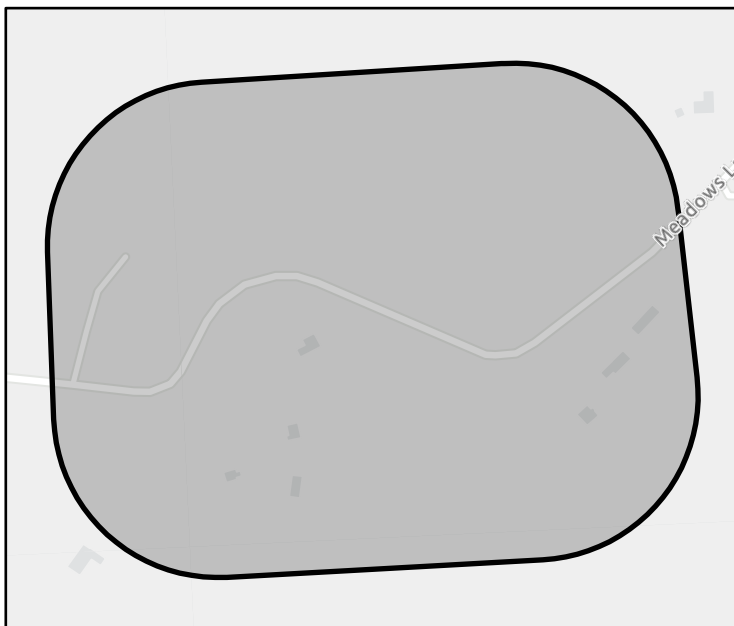
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) 0 Roadways impacted (miles) 0

of low water crossings 0 # of historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$75,000 Potential federal funding availability? No Potential Federal Funding Sources None



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? No Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

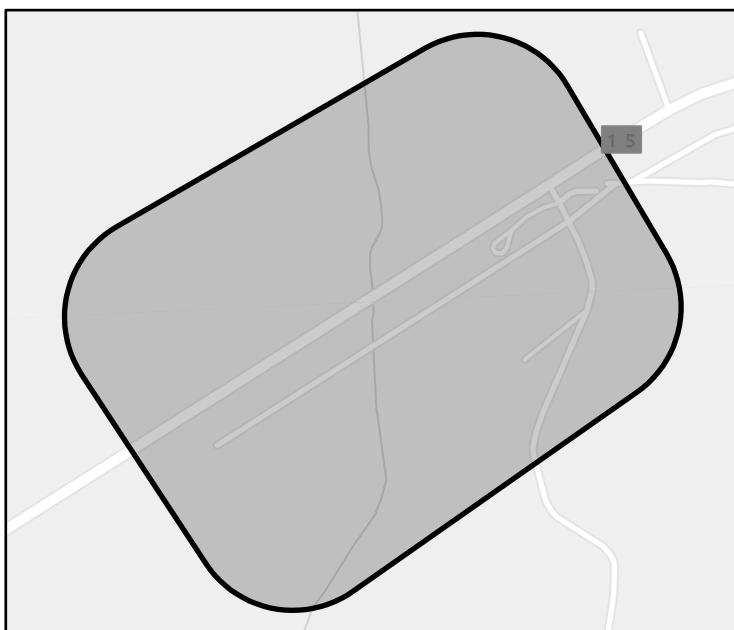
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? No Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? No Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

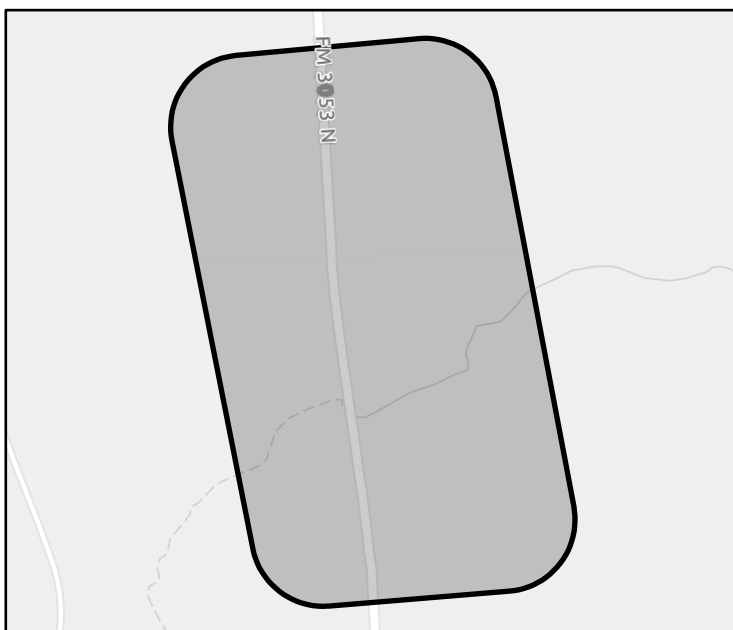
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? No Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? No Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

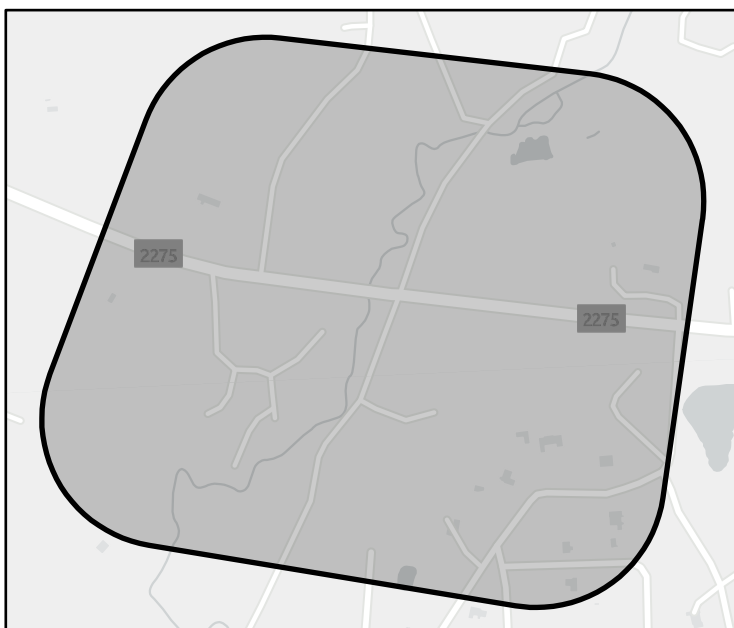
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? No Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

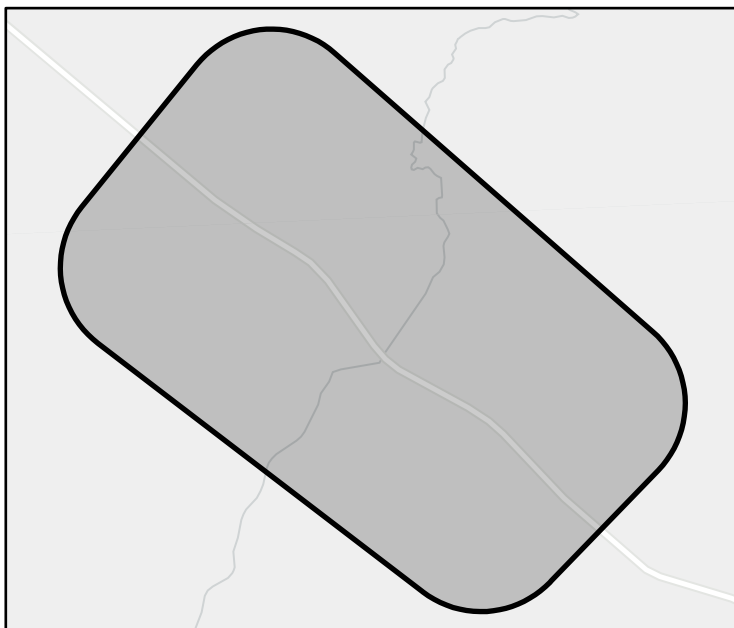
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

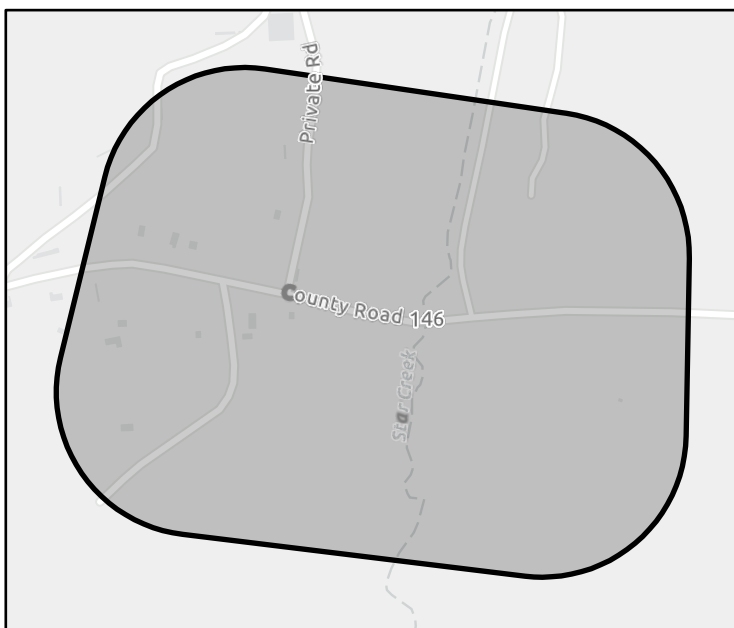
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

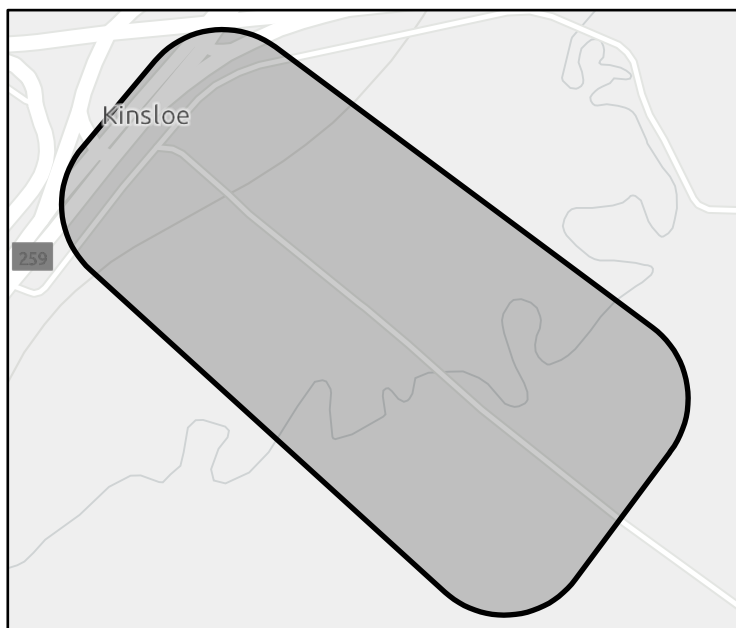
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

Study Details

Study type County

Study description

FME to create new H&H model? No Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

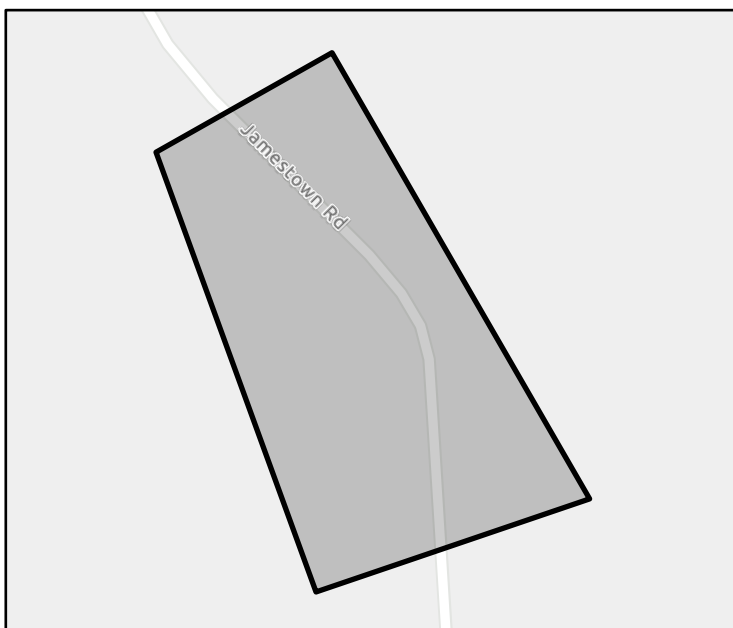
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? No Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Emergency Need? Anticipated models in near term? Drainage area (sq. mi., est.)

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

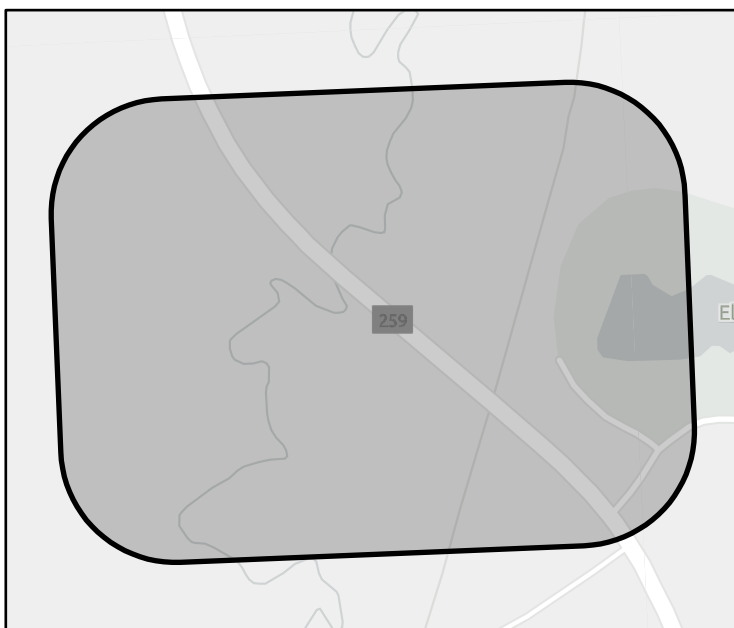
Flood risk type: Riverine? Coastal? Local Flooding? Other?

Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title Terry Gully Regional Detention Pond 1

ID# 043000001 Sponsor Orange County Drainage District

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Project Description

Proposed detention pond for flood mitigation

Watershed HUC# (if known) 120100051004, 120100051003 Emergency Need? No

Drainage area (mi² est.) 16

Associated FMEs - County Orange

Associated FMSs - Associated FMPs -

Existing 100-Year Flood Risk

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

Population at risk 2,949 # of structures 1,265 Critical facilities 0

Farm/Ranch land impacted (acres) 891 Roadway(s) impacted (length) 30

Number of low water crossings 0 Historical road closures 0

100-Year Flood Risk Reduction

Population removed from 100-yr 1,288 # of structures removed from 100-yr 463

Critical facilities removed from 100-yr 9 Farm/Ranch land removed from 100-yr (acres) 203

Road removed from 100-yr (miles) 7 Low water crossings removed from 100-yr 0

Other benefits Environmental Reduction in # of road closures over 10 years 0

Impacts

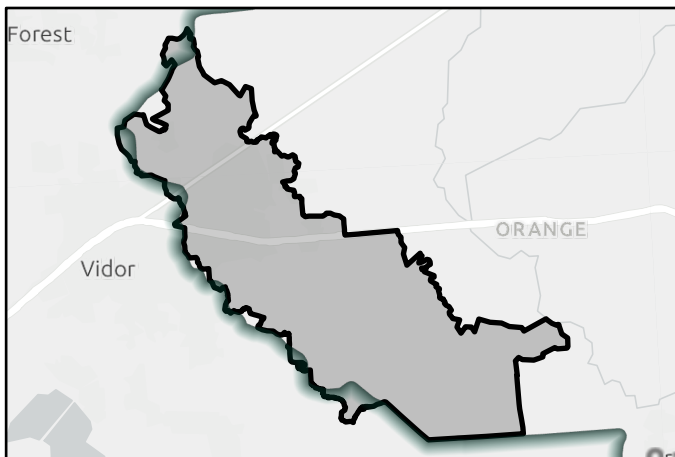
Negative impacts? No Negative impacts description None

Water supply contributions? No Water supply contribution description None

Estimated Cost

Project Cost \$46,397,775 % Nature-Based - BCR 0

Recurring costs 0 Issues -



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title Terry Gully Regional Detention Pond 2

ID# 043000002 Sponsor Orange County Drainage District

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Project Description

Proposed detention pond for flood mitigation

Watershed HUC# (if known) 120100051004, 120100051003 Emergency Need? No

Drainage area (mi² est.) 16

Associated FMEs - County Orange

Associated FMSs - Associated FMPs -

Existing 100-Year Flood Risk

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

Population at risk 2,949 # of structures 1,265 Critical facilities 0

Farm/Ranch land impacted (acres) 891 Roadway(s) impacted (length) 30

Number of low water crossings 0 Historical road closures 0

100-Year Flood Risk Reduction

Population removed from 100-yr 458 # of structures removed from 100-yr 76

Critical facilities removed from 100-yr 8 Farm/Ranch land removed from 100-yr (acres) 81

Road removed from 100-yr (miles) 0 Low water crossings removed from 100-yr 0

Other benefits Environmental Reduction in # of road closures over 10 years 0

Impacts

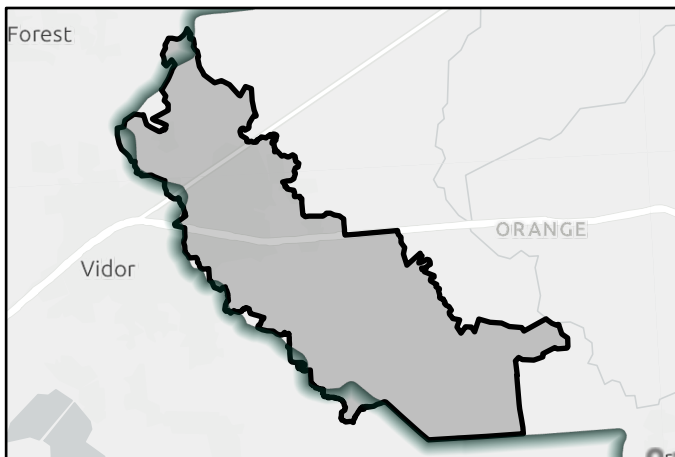
Negative impacts? No Negative impacts description None

Water supply contributions? No Water supply contribution description None

Estimated Cost

Project Cost \$13,859,613 % Nature-Based - BCR 0

Recurring costs 0 Issues -



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title Terry Gully Regional Detention Pond 3

ID# 043000003 Sponsor Orange County Drainage District

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Project Description

Proposed detention pond for flood mitigation

Watershed HUC# (if known) 120100051004, 120100051003 Emergency Need? No

Drainage area (mi² est.) 16

Associated FMEs - County Orange

Associated FMSs - Associated FMPs -

Existing 100-Year Flood Risk

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

Population at risk 2,949 # of structures 1,265 Critical facilities 0

Farm/Ranch land impacted (acres) 891 Roadway(s) impacted (length) 30

Number of low water crossings 0 Historical road closures 0

100-Year Flood Risk Reduction

Population removed from 100-yr 551 # of structures removed from 100-yr 108

Critical facilities removed from 100-yr 8 Farm/Ranch land removed from 100-yr (acres) 98

Road removed from 100-yr (miles) 2 Low water crossings removed from 100-yr 0

Other benefits Environmental Reduction in # of road closures over 10 years 0

Impacts

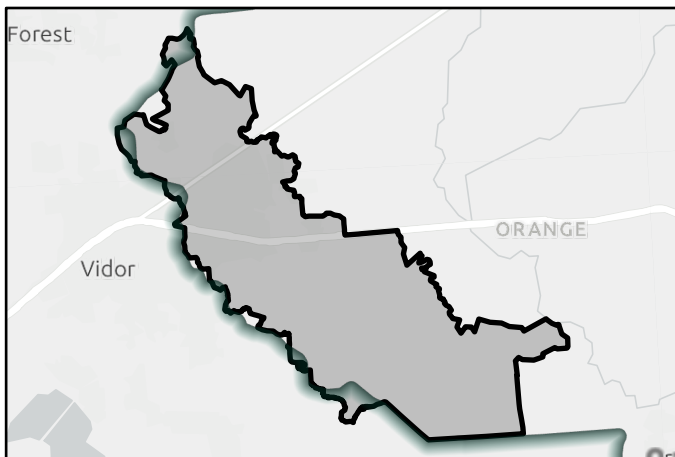
Negative impacts? No Negative impacts description None

Water supply contributions? No Water supply contribution description None

Estimated Cost

Project Cost \$93,350,287 % Nature-Based - BCR 0

Recurring costs 0 Issues -



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title Terry Gully Regional Detention Pond 4
 ID# 043000004 Sponsor Orange County Drainage District
 RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Project Description

Proposed detention pond for flood mitigation

Watershed HUC# (if known) 120100051004, 120100051003 Emergency Need? No
 Drainage area (mi² est.) 16
 Associated FMEs - County Orange
 Associated FMSs - Associated FMPs -

Existing 100-Year Flood Risk

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No
 Population at risk 2,949 # of structures 1,265 Critical facilities 0
 Farm/Ranch land impacted (acres) 891 Roadway(s) impacted (length) 30
 Number of low water crossings 0 Historical road closures 0

100-Year Flood Risk Reduction

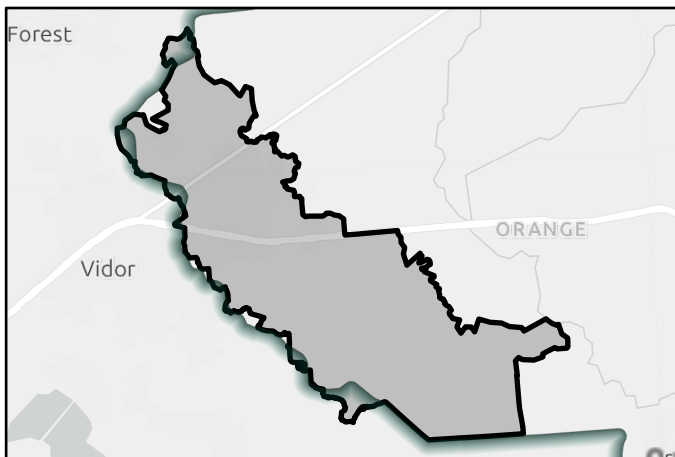
Population removed from 100-yr 463 # of structures removed from 100-yr 61
 Critical facilities removed from 100-yr 8 Farm/Ranch land removed from 100-yr (acres) 120
 Road removed from 100-yr (miles) 1 Low water crossings removed from 100-yr 0
 Other benefits Environmental Reduction in # of road closures over 10 years 0

Impacts

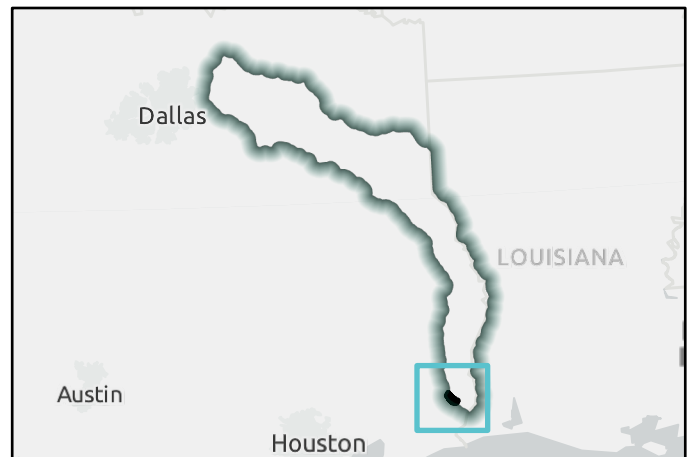
Negative impacts? No Negative impacts description None
 Water supply contributions? No Water supply contribution description None

Estimated Cost

Project Cost \$60,463,723 % Nature-Based - BCR 0
 Recurring costs 0 Issues -



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Project Description

Proposed detention pond for flood mitigation

Watershed HUC# (if known)	<input type="text" value="120100051005, 120100051004, 120100051100, 120100051002, 120100051003"/>	Emergency Need?	<input type="text" value="Yes"/>
Associated FMEs	<input type="text" value="-"/>	Drainage area (mi ² est.)	<input type="text" value="63"/>
Associated FMSs	<input type="text" value="-"/>	County	<input type="text" value="Orange"/>
		Associated FMPs	<input type="text" value="-"/>

Existing 100-Year Flood Risk

Flood risk type:	Riverine? <input type="text" value="Yes"/>	Coastal? <input type="text" value="No"/>	Local? <input type="text" value="No"/>	Playa? <input type="text" value="No"/>	Other? <input type="text" value="No"/>
Population at risk	<input type="text" value="5,869"/>	# of structures	<input type="text" value="3,336"/>	Critical facilities	<input type="text" value="2"/>
Farm/Ranch land impacted (acres)	<input type="text" value="2,634"/>	Roadway(s) impacted (length)	<input type="text" value="68"/>		
Number of low water crossings	<input type="text" value="1"/>	Historical road closures	<input type="text" value="1"/>		

100-Year Flood Risk Reduction

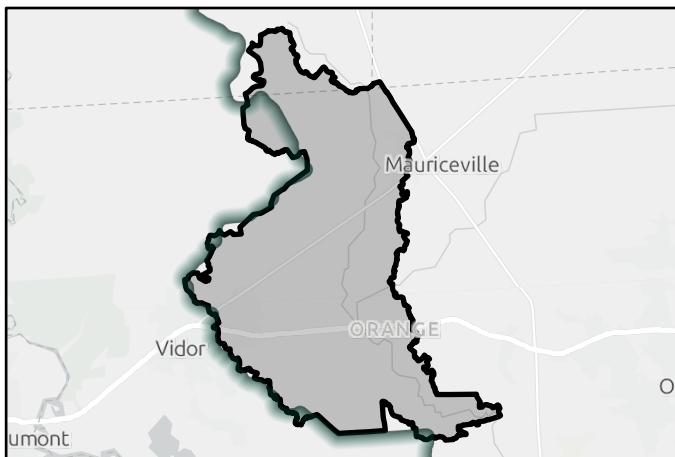
Population removed from 100-yr	<input type="text" value="472"/>	# of structures removed from 100-yr	<input type="text" value="75"/>
Critical facilities removed from 100-yr	<input type="text" value="8"/>	Farm/Ranch land removed from 100-yr (acres)	<input type="text" value="92"/>
Road removed from 100-yr (miles)	<input type="text" value="1"/>	Low water crossings removed from 100-yr	<input type="text" value="0"/>
Other benefits	<input type="text" value="Environmental"/>	Reduction in # of road closures over 10 years	<input type="text" value="0"/>

Impacts

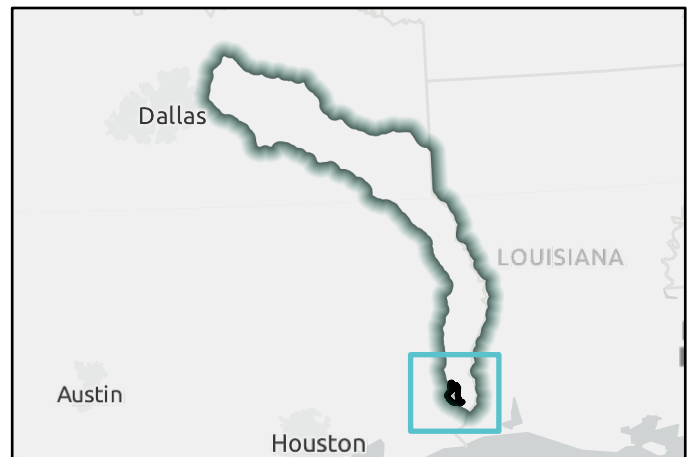
Negative impacts?	<input type="text" value="No"/>	Negative impacts description	<input type="text" value="None"/>
Water supply contributions?	<input type="text" value="No"/>	Water supply contribution description	<input type="text" value="None"/>

Estimated Cost

Project Cost	<input type="text" value="\$133,851,861"/>	% Nature-Based	<input type="text" value="-"/>	BCR	<input type="text" value="0"/>
Recurring costs	<input type="text" value="0"/>	Issues	<input type="text" value="-"/>		



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Project Description

Proposed detention pond and local drainage improvements for flood mitigation

Watershed HUC# (if known) Emergency Need?

Drainage area (mi² est.)

Associated FMEs County

Associated FMSs Associated FMPs

Existing 100-Year Flood Risk

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Population at risk # of structures Critical facilities

Farm/Ranch land impacted (acres) Roadway(s) impacted (length)

Number of low water crossings Historical road closures

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr

Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

Other benefits Reduction in # of road closures over 10 years

Impacts

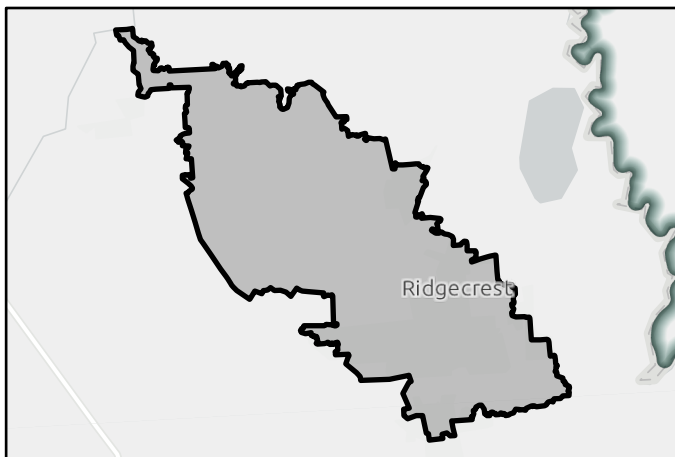
Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Project Cost % Nature-Based BCR

Recurring costs Issues



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Project Description

Proposed roadway improvements for access to IH10 during flood events

Watershed HUC# (if known) Emergency Need?

Drainage area (mi² est.)

Associated FMEs County

Associated FMSs Associated FMPs

Existing 100-Year Flood Risk

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Population at risk # of structures Critical facilities

Farm/Ranch land impacted (acres) Roadway(s) impacted (length)

Number of low water crossings Historical road closures

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr

Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

Other benefits Reduction in # of road closures over 10 years

Impacts

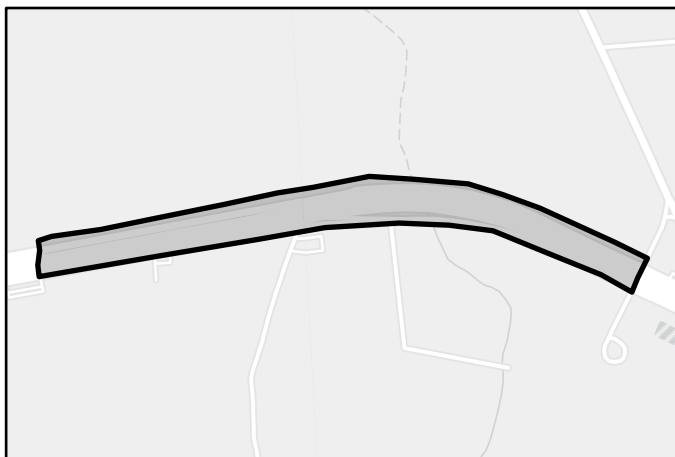
Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Project Cost % Nature-Based BCR

Recurring costs Issues



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Project Description

Expansion of existing detention pond

Watershed HUC# (if known)	<input type="text" value="120100051005, 120100051004, 120100051100, 120100051002, 120100051003"/>	Emergency Need?	<input type="text" value="Yes"/>
Associated FMEs	<input type="text" value="-"/>	Drainage area (mi ² est.)	<input type="text" value="63"/>
Associated FMSs	<input type="text" value="-"/>	County	<input type="text" value="Orange"/>
		Associated FMPs	<input type="text" value="-"/>

Existing 100-Year Flood Risk

Flood risk type:	Riverine? <input type="text" value="Yes"/>	Coastal? <input type="text" value="No"/>	Local? <input type="text" value="No"/>	Playa? <input type="text" value="No"/>	Other? <input type="text" value="No"/>
Population at risk	<input type="text" value="5,869"/>	# of structures	<input type="text" value="3,336"/>	Critical facilities	<input type="text" value="2"/>
Farm/Ranch land impacted (acres)	<input type="text" value="2,634"/>	Roadway(s) impacted (length)	<input type="text" value="68"/>		
Number of low water crossings	<input type="text" value="2"/>	Historical road closures	<input type="text" value="2"/>		

100-Year Flood Risk Reduction

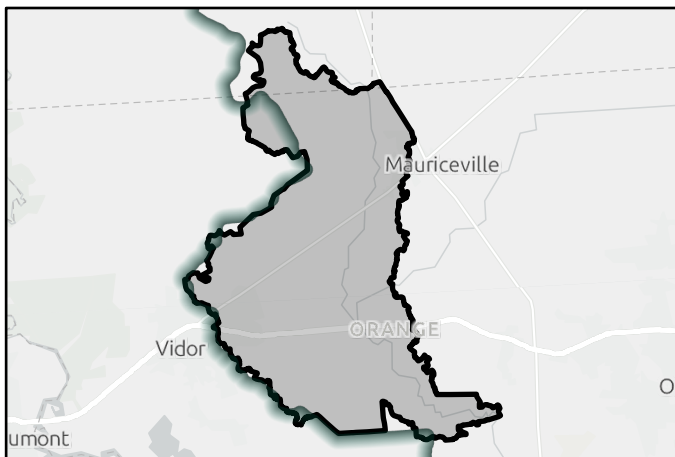
Population removed from 100-yr	<input type="text" value="570"/>	# of structures removed from 100-yr	<input type="text" value="124"/>
Critical facilities removed from 100-yr	<input type="text" value="0"/>	Farm/Ranch land removed from 100-yr (acres)	<input type="text" value="0"/>
Road removed from 100-yr (miles)	<input type="text" value="0"/>	Low water crossings removed from 100-yr	<input type="text" value="2"/>
Other benefits	<input type="text" value="Environmental"/>	Reduction in # of road closures over 10 years	<input type="text" value="0"/>

Impacts

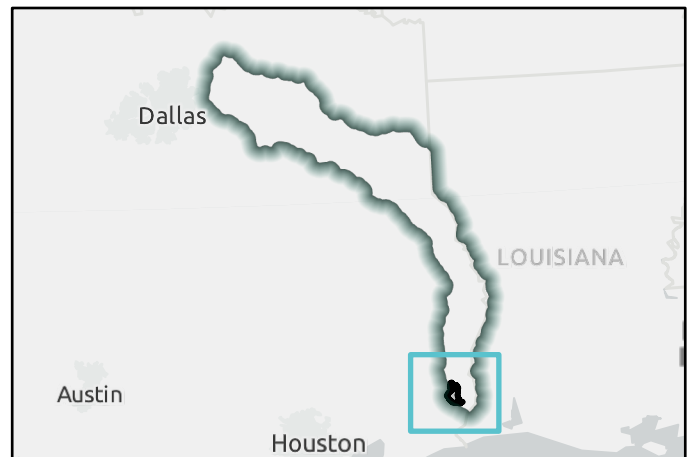
Negative impacts?	<input type="text" value="No"/>	Negative impacts description	<input type="text" value="None"/>
Water supply contributions?	<input type="text" value="No"/>	Water supply contribution description	<input type="text" value="None"/>

Estimated Cost

Project Cost	<input type="text" value="\$29,215,062"/>	% Nature-Based	<input type="text" value="-"/>	BCR	<input type="text" value="0"/>
Recurring costs	<input type="text" value="0"/>	Issues	<input type="text" value="-"/>		



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Project Description

Proposed detention pond for flood mitigation

Watershed HUC# (if known)	<input type="text" value="120100051005, 120100051004, 120100051100, 120100051002, 120100051003"/>	Emergency Need?	<input type="text" value="Yes"/>
Associated FMEs	<input type="text" value="-"/>	Drainage area (mi ² est.)	<input type="text" value="63"/>
Associated FMSs	<input type="text" value="-"/>	County	<input type="text" value="Orange"/>
		Associated FMPs	<input type="text" value="-"/>

Existing 100-Year Flood Risk

Flood risk type:	Riverine? <input type="text" value="Yes"/>	Coastal? <input type="text" value="No"/>	Local? <input type="text" value="No"/>	Playa? <input type="text" value="No"/>	Other? <input type="text" value="No"/>
Population at risk	<input type="text" value="5,869"/>	# of structures	<input type="text" value="3,336"/>	Critical facilities	<input type="text" value="2"/>
Farm/Ranch land impacted (acres)	<input type="text" value="2,634"/>	Roadway(s) impacted (length)	<input type="text" value="68"/>		
Number of low water crossings	<input type="text" value="1"/>	Historical road closures	<input type="text" value="1"/>		

100-Year Flood Risk Reduction

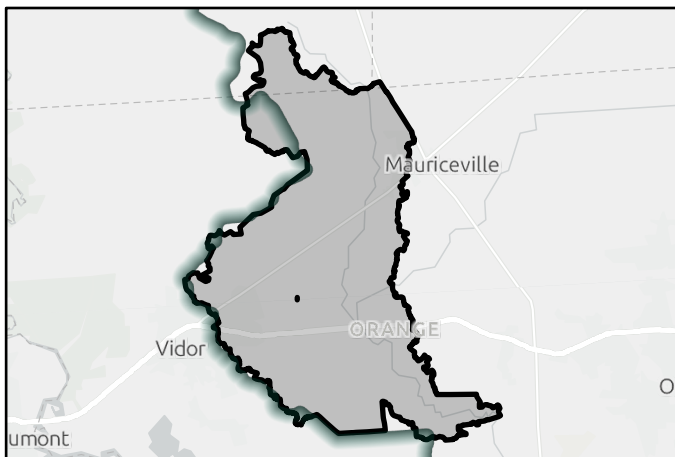
Population removed from 100-yr	<input type="text" value="165"/>	# of structures removed from 100-yr	<input type="text" value="126"/>
Critical facilities removed from 100-yr	<input type="text" value="0"/>	Farm/Ranch land removed from 100-yr (acres)	<input type="text" value="30"/>
Road removed from 100-yr (miles)	<input type="text" value="1"/>	Low water crossings removed from 100-yr	<input type="text" value="0"/>
Other benefits	<input type="text" value="Environmental"/>	Reduction in # of road closures over 10 years	<input type="text" value="0"/>

Impacts

Negative impacts?	<input type="text" value="No"/>	Negative impacts description	<input type="text" value="None"/>
Water supply contributions?	<input type="text" value="No"/>	Water supply contribution description	<input type="text" value="None"/>

Estimated Cost

Project Cost	<input type="text" value="\$172,241,395"/>	% Nature-Based	<input type="text" value="-"/>	BCR	<input type="text" value="0"/>
Recurring costs	<input type="text" value="0"/>	Issues	<input type="text" value="-"/>		



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Project Description

Proposed detention pond for flood mitigation

Watershed HUC# (if known)	<input type="text" value="120100051004, 120100051100, 120100051003"/>	Emergency Need?	<input type="text" value="No"/>
Associated FMEs	<input type="text" value="-"/>	Drainage area (mi ² est.)	<input type="text" value="6"/>
Associated FMSs	<input type="text" value="-"/>	County	<input type="text" value="Orange"/>
		Associated FMPs	<input type="text" value="-"/>

Existing 100-Year Flood Risk

Flood risk type:	Riverine? <input type="text" value="Yes"/>	Coastal? <input type="text" value="No"/>	Local? <input type="text" value="No"/>	Playa? <input type="text" value="No"/>	Other? <input type="text" value="No"/>
Population at risk	<input type="text" value="1,339"/>	# of structures	<input type="text" value="532"/>	Critical facilities	<input type="text" value="0"/>
Farm/Ranch land impacted (acres)	<input type="text" value="295"/>	Roadway(s) impacted (length)	<input type="text" value="12"/>		
Number of low water crossings	<input type="text" value="0"/>	Historical road closures	<input type="text" value="0"/>		

100-Year Flood Risk Reduction

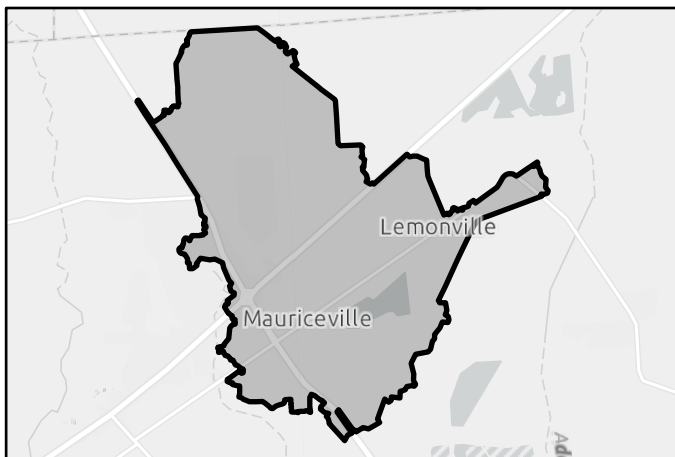
Population removed from 100-yr	<input type="text" value="437"/>	# of structures removed from 100-yr	<input type="text" value="55"/>
Critical facilities removed from 100-yr	<input type="text" value="8"/>	Farm/Ranch land removed from 100-yr (acres)	<input type="text" value="84"/>
Road removed from 100-yr (miles)	<input type="text" value="0"/>	Low water crossings removed from 100-yr	<input type="text" value="0"/>
Other benefits	<input type="text" value="Environmental"/>	Reduction in # of road closures over 10 years	<input type="text" value="0"/>

Impacts

Negative impacts?	<input type="text" value="No"/>	Negative impacts description	<input type="text" value="None"/>
Water supply contributions?	<input type="text" value="No"/>	Water supply contribution description	<input type="text" value="None"/>

Estimated Cost

Project Cost	<input type="text" value="\$19,561,929"/>	% Nature-Based	<input type="text" value="-"/>	BCR	<input type="text" value="0"/>
Recurring costs	<input type="text" value="0"/>	Issues	<input type="text" value="-"/>		



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Project Description

Proposed detention pond for flood mitigation

Watershed HUC# (if known)	<input type="text" value="120100051005, 120100051004, 120100051100, 120100051002, 120100051003"/>	Emergency Need?	<input type="text" value="Yes"/>
Associated FMEs	<input type="text" value="-"/>	Drainage area (mi ² est.)	<input type="text" value="47"/>
Associated FMSs	<input type="text" value="-"/>	County	<input type="text" value="Orange"/>
		Associated FMPs	<input type="text" value="-"/>

Existing 100-Year Flood Risk

Flood risk type:	Riverine? <input type="text" value="Yes"/>	Coastal? <input type="text" value="No"/>	Local? <input type="text" value="No"/>	Playa? <input type="text" value="No"/>	Other? <input type="text" value="No"/>
Population at risk	<input type="text" value="2,920"/>	# of structures	<input type="text" value="2,071"/>	Critical facilities	<input type="text" value="2"/>
Farm/Ranch land impacted (acres)	<input type="text" value="1,743"/>	Roadway(s) impacted (length)	<input type="text" value="38"/>		
Number of low water crossings	<input type="text" value="1"/>	Historical road closures	<input type="text" value="1"/>		

100-Year Flood Risk Reduction

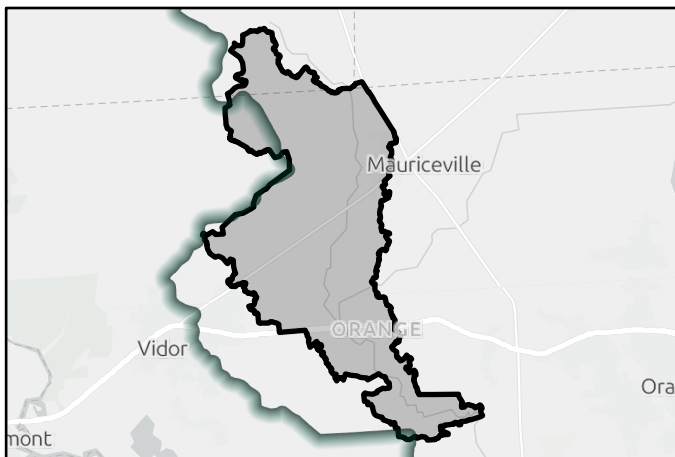
Population removed from 100-yr	<input type="text" value="438"/>	# of structures removed from 100-yr	<input type="text" value="14"/>
Critical facilities removed from 100-yr	<input type="text" value="0"/>	Farm/Ranch land removed from 100-yr (acres)	<input type="text" value="137"/>
Road removed from 100-yr (miles)	<input type="text" value="0"/>	Low water crossings removed from 100-yr	<input type="text" value="0"/>
Other benefits	<input type="text" value="Environmental"/>	Reduction in # of road closures over 10 years	<input type="text" value="0"/>

Impacts

Negative impacts?	<input type="text" value="No"/>	Negative impacts description	<input type="text" value="None"/>
Water supply contributions?	<input type="text" value="No"/>	Water supply contribution description	<input type="text" value="None"/>

Estimated Cost

Project Cost	<input type="text" value="\$41,147,927"/>	% Nature-Based	<input type="text" value="-"/>	BCR	<input type="text" value="0"/>
Recurring costs	<input type="text" value="0"/>	Issues	<input type="text" value="-"/>		



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title CR-2400 Drainage Improvements

ID# 043000012 Sponsor Hunt (County)

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Project Description

Two proposed bridge installations over creek crossing on County Road 2400 to reduce roadway overtopping during storm events. Includes some creek channel grading improvements.

Watershed HUC# (if known) 120100010303, 120100010302 Emergency Need? No
 Drainage area (mi² est.) 2
 Associated FMEs - County Hunt
 Associated FMSs - Associated FMPs -

Existing 100-Year Flood Risk

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No
 Population at risk 1 # of structures 2 Critical facilities 0
 Farm/Ranch land impacted (acres) 90 Roadway(s) impacted (length) 1
 Number of low water crossings 0 Historical road closures 0

100-Year Flood Risk Reduction

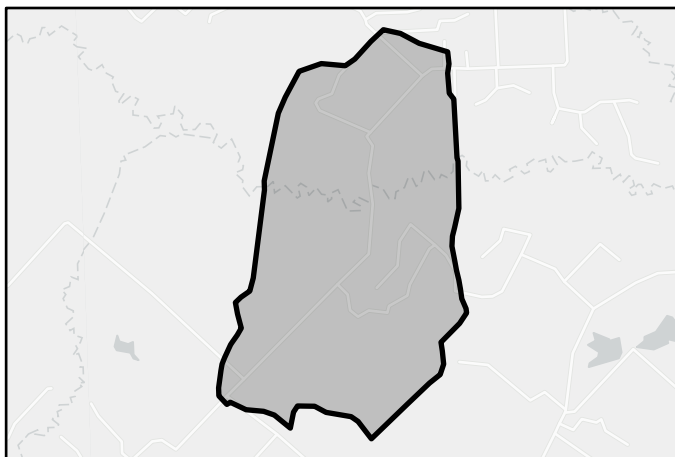
Population removed from 100-yr 0 # of structures removed from 100-yr 0
 Critical facilities removed from 100-yr 0 Farm/Ranch land removed from 100-yr (acres) 0
 Road removed from 100-yr (miles) - Low water crossings removed from 100-yr 1
 Other benefits Transportation Reduction in # of road closures over 10 years 1

Impacts

Negative impacts? No Negative impacts description None
 Water supply contributions? No Water supply contribution description None

Estimated Cost

Project Cost \$14,437,130 % Nature-Based 0 BCR 1
 Recurring costs 0 Issues -



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title CR-2706 Drainage Improvements

ID# 043000013 Sponsor Hunt (County)

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Project Description

Two proposed bridge installations over creek crossing on Count Road 2706 to reduce roadway overtopping during storm events. A bridge class culvert, trapezoidal channel, and creek channel grading are also proposed.

Watershed HUC# (if known)	120100010201, 120100010202	Emergency Need?	No
Associated FMEs	-	Drainage area (mi ² est.)	2
Associated FMSs	-	County	Hunt
		Associated FMPs	-

Existing 100-Year Flood Risk

Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Population at risk	7	# of structures	3	Critical facilities	0
Farm/Ranch land impacted (acres)	169	Roadway(s) impacted (length)	1		
Number of low water crossings	0	Historical road closures	0		

100-Year Flood Risk Reduction

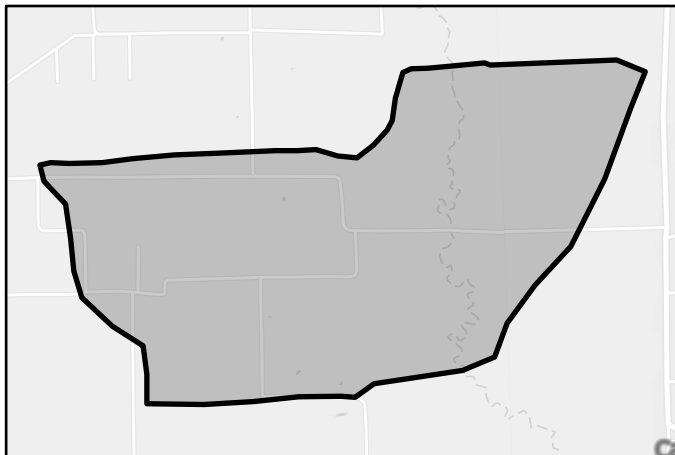
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	Transportation	Reduction in # of road closures over 10 years	0

Impacts

Negative impacts?	No	Negative impacts description	None
Water supply contributions?	No	Water supply contribution description	None

Estimated Cost

Project Cost	\$9,125,858	% Nature-Based	0	BCR	1
Recurring costs	0	Issues	-		



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title CR-3101 Drainage Improvements

ID# 043000014 Sponsor Hunt (County)

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Project Description

Two proposed bridge installations over nearby creek crossings on County Road 3101 to reduce roadway overtopping during storm events. Includes some creek channel grading improvements.

Watershed HUC# (if known)	120100010103	Emergency Need?	No
Associated FMEs	-	Drainage area (mi ² est.)	1
Associated FMSs	-	County	Hunt
		Associated FMPs	-

Existing 100-Year Flood Risk

Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Population at risk	2	# of structures	2	Critical facilities	0
Farm/Ranch land impacted (acres)	127	Roadway(s) impacted (length)	0		
Number of low water crossings	0	Historical road closures	0		

100-Year Flood Risk Reduction

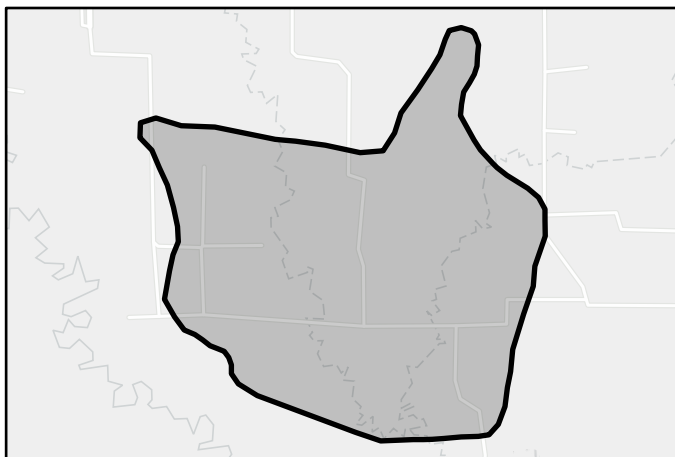
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	Transportation	Reduction in # of road closures over 10 years	0

Impacts

Negative impacts?	No	Negative impacts description	None
Water supply contributions?	No	Water supply contribution description	None

Estimated Cost

Project Cost	\$9,217,492	% Nature-Based	0	BCR	0
Recurring costs	0	Issues	-		



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title CR-4105 Drainage Improvements

ID# 043000015 Sponsor Hunt (County)

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Project Description

Proposed bridge installation over creek crossing on County Road 4105 to reduce roadway overtopping during storm events. Includes side ditch grading improvements.

Watershed HUC# (if known) 120100010103, 120100010102 Emergency Need? No
 Drainage area (mi² est.) 1
 Associated FMEs - County Hunt
 Associated FMSs - Associated FMPs -

Existing 100-Year Flood Risk

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No
 Population at risk 2 # of structures 1 Critical facilities 0
 Farm/Ranch land impacted (acres) 90 Roadway(s) impacted (length) 0
 Number of low water crossings 0 Historical road closures 0

100-Year Flood Risk Reduction

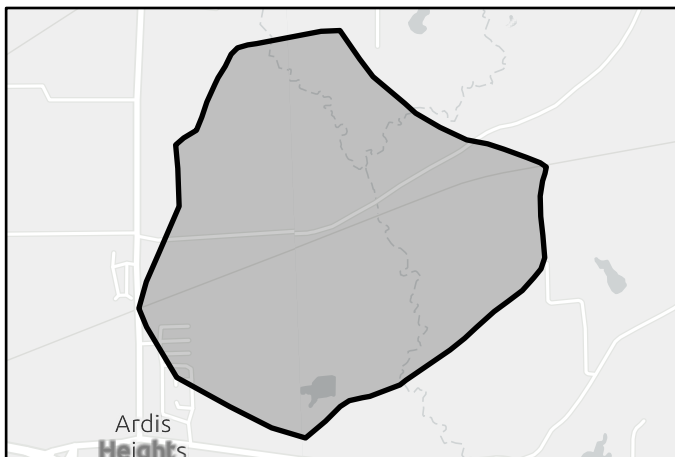
Population removed from 100-yr 0 # of structures removed from 100-yr 0
 Critical facilities removed from 100-yr 0 Farm/Ranch land removed from 100-yr (acres) 0
 Road removed from 100-yr (miles) 0 Low water crossings removed from 100-yr 0
 Other benefits Transportation Reduction in # of road closures over 10 years 0

Impacts

Negative impacts? No Negative impacts description None
 Water supply contributions? No Water supply contribution description None

Estimated Cost

Project Cost \$4,284,973 % Nature-Based 0 BCR 0
 Recurring costs 0 Issues -



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title CR-4106 Drainage Improvements

ID# 043000016 Sponsor Hunt (County)

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Project Description

Two proposed bridge installations over creek crossing on Count Road 4106 to reduce roadway overtopping during storm events. Includes some creek channel grading improvements directly under the proposed bridges.

Watershed HUC# (if known)	120100010103, 120100010104	Emergency Need?	No
Associated FMEs	-	Drainage area (mi ² est.)	1
Associated FMSs	-	County	Hunt
		Associated FMPs	-

Existing 100-Year Flood Risk

Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Population at risk	3	# of structures	5	Critical facilities	0
Farm/Ranch land impacted (acres)	51	Roadway(s) impacted (length)	0		
Number of low water crossings	0	Historical road closures	0		

100-Year Flood Risk Reduction

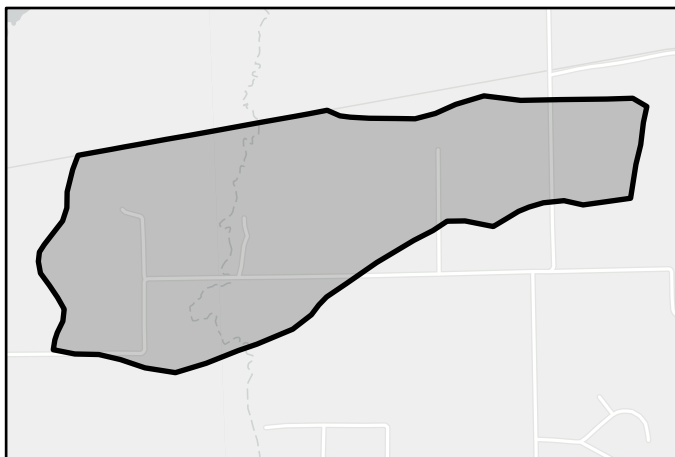
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	Transportation	Reduction in # of road closures over 10 years	0

Impacts

Negative impacts?	No	Negative impacts description	None
Water supply contributions?	No	Water supply contribution description	None

Estimated Cost

Project Cost	\$3,344,199	% Nature-Based	0	BCR	1
Recurring costs	0	Issues	-		



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Project Description

Program comprised of improvements and construction of new infrastructure currently being implemented to reduce the risk of storm surge impacts in Orange, Jefferson, and Brazoria Counties in Texas.

Watershed HUC# (if known)	<input type="text" value="120100051005, 120100051004, 120100051100, 120100051003"/>	Emergency Need?	<input type="text" value="Yes"/>
Associated FMEs	<input type="text" value="999999"/>	Drainage area (mi ² est.)	<input type="text" value="265"/>
Associated FMSs	<input type="text" value="999999"/>	County	<input type="text" value="Orange, Newton"/>
		Associated FMPs	<input type="text" value="053000005"/>

Existing 100-Year Flood Risk

Flood risk type:	Riverine? <input type="text" value="No"/>	Coastal? <input type="text" value="Yes"/>	Local? <input type="text" value="No"/>	Playa? <input type="text" value="No"/>	Other? <input type="text" value="No"/>
Population at risk	<input type="text" value="24,485"/>	# of structures	<input type="text" value="7,929"/>	Critical facilities	<input type="text" value="206"/>
Farm/Ranch land impacted (acres)	<input type="text" value="3,495"/>	Roadway(s) impacted (length)	<input type="text" value="158"/>		
Number of low water crossings	<input type="text" value="21"/>	Historical road closures	<input type="text" value="0"/>		

100-Year Flood Risk Reduction

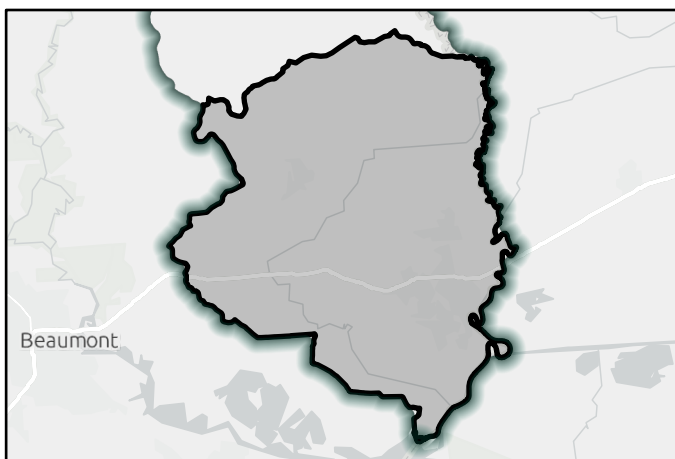
Population removed from 100-yr	<input type="text" value="2,375"/>	# of structures removed from 100-yr	<input type="text" value="1,618"/>
Critical facilities removed from 100-yr	<input type="text" value="9"/>	Farm/Ranch land removed from 100-yr (acres)	<input type="text" value="1,679"/>
Road removed from 100-yr (miles)	<input type="text" value="28"/>	Low water crossings removed from 100-yr	<input type="text" value="21"/>
Other benefits	<input type="text" value="Environmental, Water Quality"/>	Reduction in # of road closures over 10 years	<input type="text" value="-"/>

Impacts

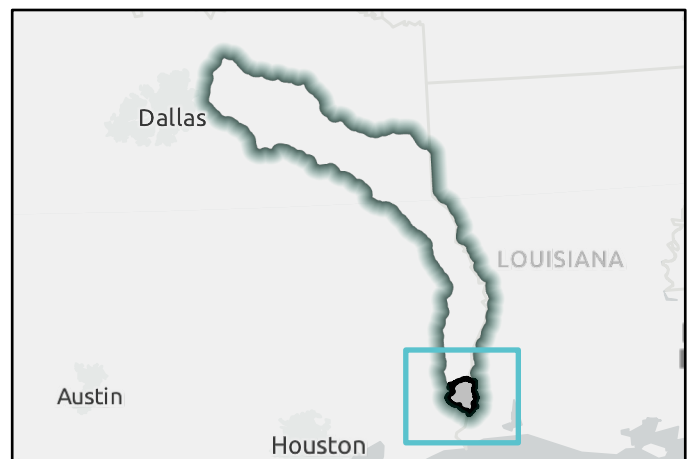
Negative impacts?	<input type="text" value="No"/>	Negative impacts description	<input type="text" value="None"/>
Water supply contributions?	<input type="text" value="No"/>	Water supply contribution description	<input type="text" value="None"/>

Estimated Cost

Project Cost	<input type="text" value="\$2,270,099,968"/>	% Nature-Based	<input type="text" value="0"/>	BCR	<input type="text" value="2"/>
Recurring costs	<input type="text" value="0"/>	Issues	<input type="text" value="-"/>		



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Project Description

Downtown Storm Sewer Improvements

Watershed HUC# (if known) Emergency Need?

Drainage area (mi² est.)

Associated FMEs County

Associated FMSs Associated FMPs

Existing 100-Year Flood Risk

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Population at risk # of structures Critical facilities

Farm/Ranch land impacted (acres) Roadway(s) impacted (length)

Number of low water crossings Historical road closures

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr

Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

Other benefits Reduction in # of road closures over 10 years

Impacts

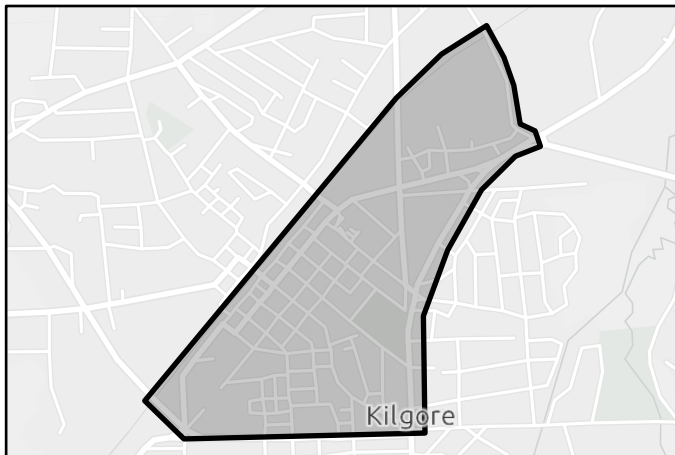
Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Project Cost % Nature-Based BCR

Recurring costs Issues



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Project Description

Remove debris and clear channel South of Hwy 59 to Five Notch Rd

Watershed HUC# (if known) Emergency Need?

Drainage area (mi² est.)

Associated FMEs County

Associated FMSs Associated FMPs

Existing 100-Year Flood Risk

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Population at risk # of structures Critical facilities

Farm/Ranch land impacted (acres) Roadway(s) impacted (length)

Number of low water crossings Historical road closures

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr

Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

Other benefits Reduction in # of road closures over 10 years

Impacts

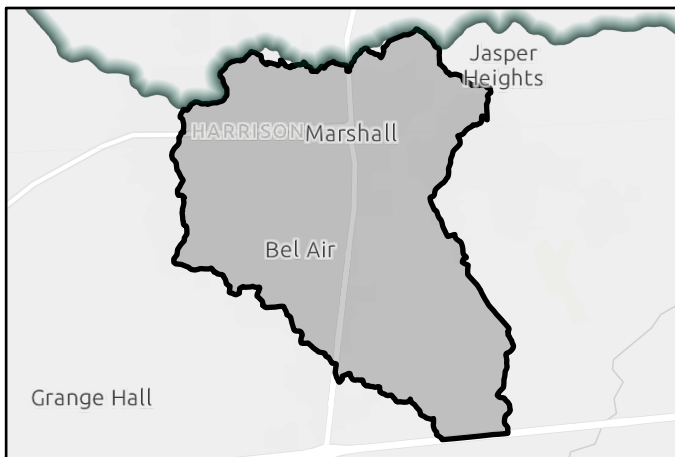
Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Project Cost % Nature-Based BCR

Recurring costs Issues



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Project Description

Remove debris and clear channel West of Hwy 59

Watershed HUC# (if known) Emergency Need?

Drainage area (mi² est.)

Associated FMEs County

Associated FMSs Associated FMPs

Existing 100-Year Flood Risk

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Population at risk # of structures Critical facilities

Farm/Ranch land impacted (acres) Roadway(s) impacted (length)

Number of low water crossings Historical road closures

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr

Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

Other benefits Reduction in # of road closures over 10 years

Impacts

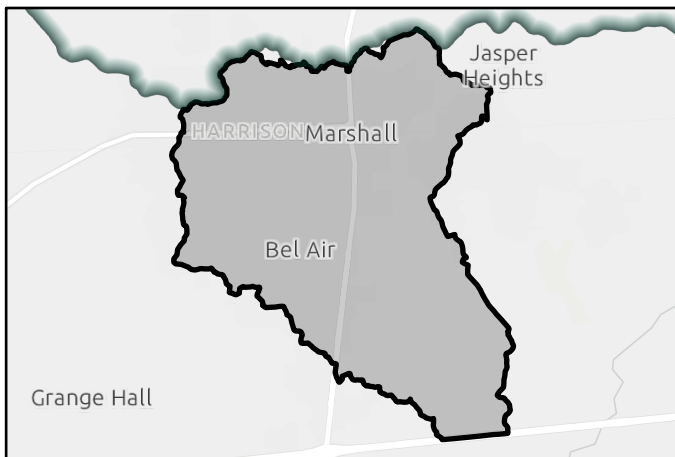
Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Project Cost % Nature-Based BCR

Recurring costs Issues



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Project Description

Improve Drainage Walls - Carter thru City Park

Watershed HUC# (if known) Emergency Need?

Drainage area (mi² est.)

Associated FMEs County

Associated FMSs Associated FMPs

Existing 100-Year Flood Risk

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Population at risk # of structures Critical facilities

Farm/Ranch land impacted (acres) Roadway(s) impacted (length)

Number of low water crossings Historical road closures

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr

Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

Other benefits Reduction in # of road closures over 10 years

Impacts

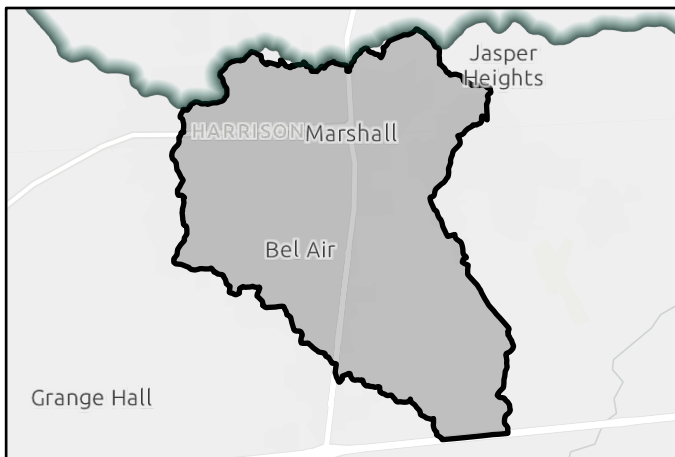
Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Project Cost % Nature-Based BCR

Recurring costs Issues



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Project Description

Detention pond by UPRR

Watershed HUC# (if known) Emergency Need?

Drainage area (mi² est.)

Associated FMEs County

Associated FMSs Associated FMPs

Existing 100-Year Flood Risk

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Population at risk # of structures Critical facilities

Farm/Ranch land impacted (acres) Roadway(s) impacted (length)

Number of low water crossings Historical road closures

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr

Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

Other benefits Reduction in # of road closures over 10 years

Impacts

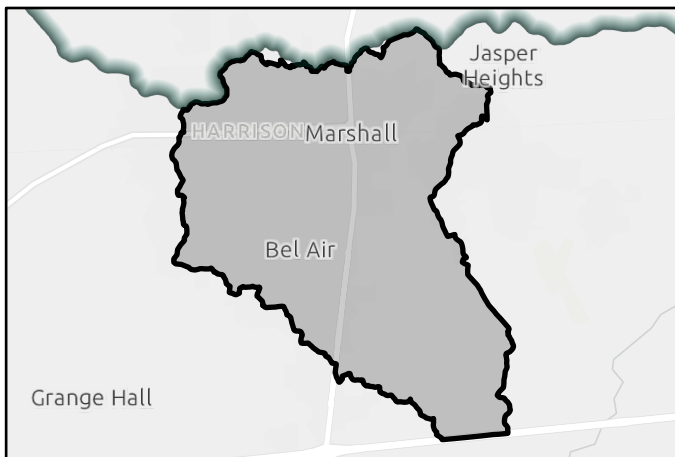
Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Project Cost % Nature-Based BCR

Recurring costs Issues



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Project Description

Drainage improvement through Smith Park

Watershed HUC# (if known) Emergency Need?

Drainage area (mi² est.)

Associated FMEs County

Associated FMSs Associated FMPs

Existing 100-Year Flood Risk

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Population at risk # of structures Critical facilities

Farm/Ranch land impacted (acres) Roadway(s) impacted (length)

Number of low water crossings Historical road closures

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr

Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

Other benefits Reduction in # of road closures over 10 years

Impacts

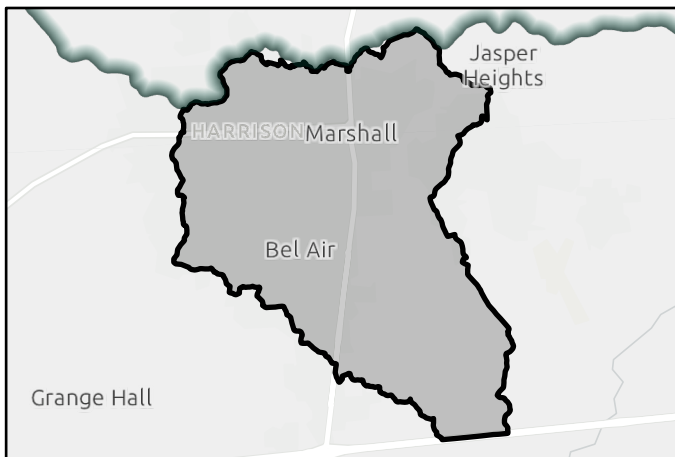
Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Project Cost % Nature-Based BCR

Recurring costs Issues



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Project Description

Improvements through downtown

Watershed HUC# (if known) Emergency Need?

Drainage area (mi² est.)

Associated FMEs County

Associated FMSs Associated FMPs

Existing 100-Year Flood Risk

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Population at risk # of structures Critical facilities

Farm/Ranch land impacted (acres) Roadway(s) impacted (length)

Number of low water crossings Historical road closures

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr

Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

Other benefits Reduction in # of road closures over 10 years

Impacts

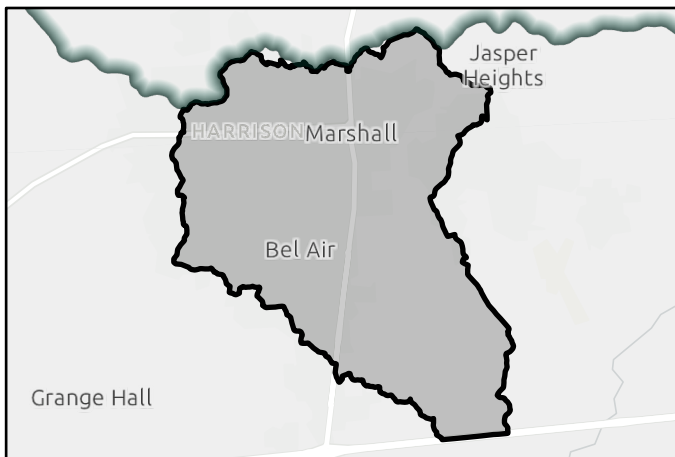
Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Project Cost % Nature-Based BCR

Recurring costs Issues



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Project Description

Implementation of program to purchase properties and repetitive loss homes in floodplain areas to reserve them from development.

Watershed HUC# (if known)	<input type="text" value="120100020506, 120100020601, 120100020504, 120100020505"/>	Emergency Need?	<input type="text" value="Yes"/>
Associated FMEs	<input type="text" value="-"/>	Drainage area (mi ² est.)	<input type="text" value="94"/>
Associated FMSs	<input type="text" value="-"/>	County	<input type="text" value="Gregg"/>
		Associated FMPs	<input type="text" value="-"/>

Existing 100-Year Flood Risk

Flood risk type:	Riverine? <input type="text" value="Yes"/>	Coastal? <input type="text" value="No"/>	Local? <input type="text" value="No"/>	Playa? <input type="text" value="No"/>	Other? <input type="text" value="No"/>
Population at risk	<input type="text" value="12,674"/>	# of structures	<input type="text" value="1,520"/>	Critical facilities	<input type="text" value="17"/>
Farm/Ranch land impacted (acres)	<input type="text" value="1,405"/>	Roadway(s) impacted (length)	<input type="text" value="51"/>		
Number of low water crossings	<input type="text" value="0"/>	Historical road closures	<input type="text" value="0"/>		

100-Year Flood Risk Reduction

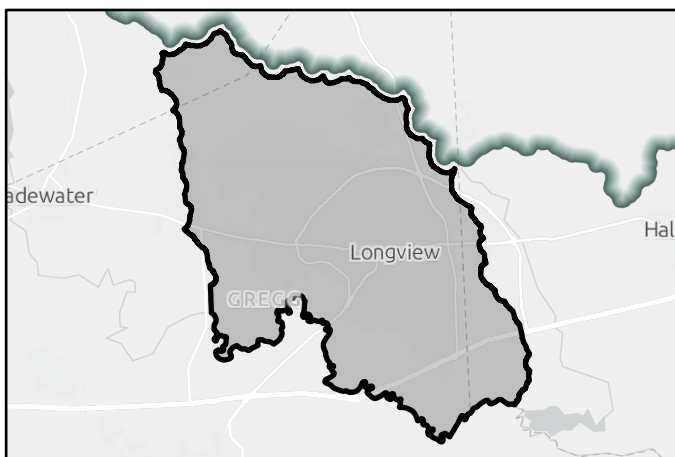
Population removed from 100-yr	<input type="text" value="18"/>	# of structures removed from 100-yr	<input type="text" value="4"/>
Critical facilities removed from 100-yr	<input type="text" value="-"/>	Farm/Ranch land removed from 100-yr (acres)	<input type="text" value="-"/>
Road removed from 100-yr (miles)	<input type="text" value="-"/>	Low water crossings removed from 100-yr	<input type="text" value="-"/>
Other benefits	<input type="text" value="Environmental"/>	Reduction in # of road closures over 10 years	<input type="text" value="-"/>

Impacts

Negative impacts?	<input type="text" value="No"/>	Negative impacts description	<input type="text" value="None"/>
Water supply contributions?	<input type="text" value="No"/>	Water supply contribution description	<input type="text" value="None"/>

Estimated Cost

Project Cost	<input type="text" value="\$10,000,000"/>	% Nature-Based	<input type="text" value="-"/>	BCR	<input type="text" value="1"/>
Recurring costs	<input type="text" value="0"/>	Issues	<input type="text" value="-"/>		



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Project Description

Implementation of program to purchase properties and repetitive loss homes in floodplain areas to reserve them from development.

Watershed HUC# (if known)	<input type="text" value="120100020501, 120100020506, 120100020502, 120100020503, 120100020601"/>	Emergency Need?	<input type="text" value="Yes"/>
Associated FMEs	<input type="text" value="-"/>	Drainage area (mi ² est.)	<input type="text" value="155"/>
Associated FMSs	<input type="text" value="-"/>	County	<input type="text" value="Gregg,Rusk"/>
		Associated FMPs	<input type="text" value="-"/>

Existing 100-Year Flood Risk

Flood risk type:	Riverine? <input type="text" value="Yes"/>	Coastal? <input type="text" value="No"/>	Local? <input type="text" value="No"/>	Playa? <input type="text" value="No"/>	Other? <input type="text" value="No"/>
Population at risk	<input type="text" value="1,891"/>	# of structures	<input type="text" value="517"/>	Critical facilities	<input type="text" value="3"/>
Farm/Ranch land impacted (acres)	<input type="text" value="3,000"/>	Roadway(s) impacted (length)	<input type="text" value="45"/>		
Number of low water crossings	<input type="text" value="3"/>	Historical road closures	<input type="text" value="3"/>		

100-Year Flood Risk Reduction

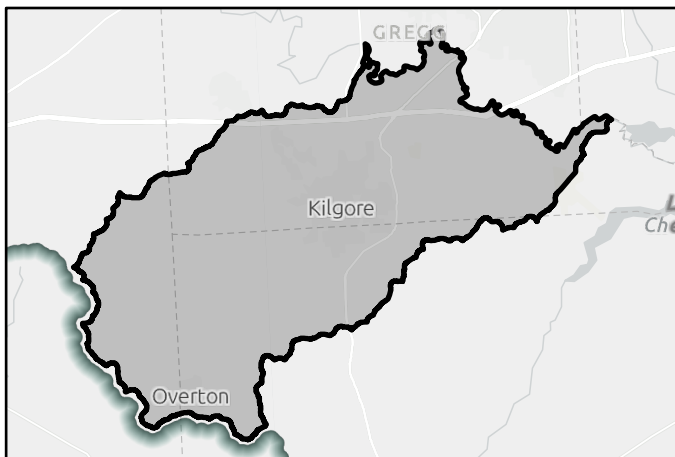
Population removed from 100-yr	<input type="text" value="75"/>	# of structures removed from 100-yr	<input type="text" value="22"/>
Critical facilities removed from 100-yr	<input type="text" value="0"/>	Farm/Ranch land removed from 100-yr (acres)	<input type="text" value="0"/>
Road removed from 100-yr (miles)	<input type="text" value="0"/>	Low water crossings removed from 100-yr	<input type="text" value="0"/>
Other benefits	<input type="text" value="Environmental"/>	Reduction in # of road closures over 10 years	<input type="text" value="0"/>

Impacts

Negative impacts?	<input type="text" value="No"/>	Negative impacts description	<input type="text" value="None"/>
Water supply contributions?	<input type="text" value="No"/>	Water supply contribution description	<input type="text" value="None"/>

Estimated Cost

Project Cost	<input type="text" value="\$56,159,648"/>	% Nature-Based	<input type="text" value="-"/>	BCR	<input type="text" value="3"/>
Recurring costs	<input type="text" value="0"/>	Issues	<input type="text" value="-"/>		



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title Orange County Property Acquisition

ID# 043000029 Sponsor Orange (County)

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Project Description

Acquire flood prone/repetitive loss properties and convert to open space, parks, boating access, trails, agricultural projects, and/or as a general community asset.

Watershed HUC# (if known)	120100051005, 120100051004, 120100051100, 120100051003	Emergency Need?	Yes
Associated FMEs	-	Drainage area (mi ² est.)	371
Associated FMSs	999999	County	Orange
		Associated FMPs	-

Existing 100-Year Flood Risk

Flood risk type:	Riverine? Yes	Coastal? Yes	Local? No	Playa? No	Other? No
Population at risk	44,427	# of structures	16,974	Critical facilities	269
Farm/Ranch land impacted (acres)	13,579	Roadway(s) impacted (length)	364		
Number of low water crossings	22	Historical road closures	22		

100-Year Flood Risk Reduction

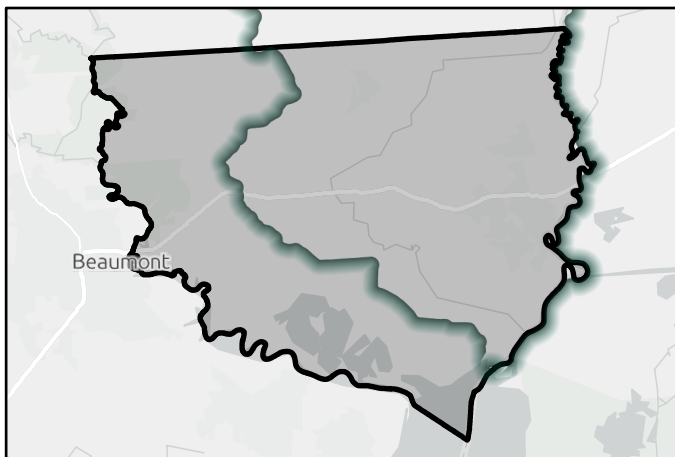
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	Environmental	Reduction in # of road closures over 10 years	0

Impacts

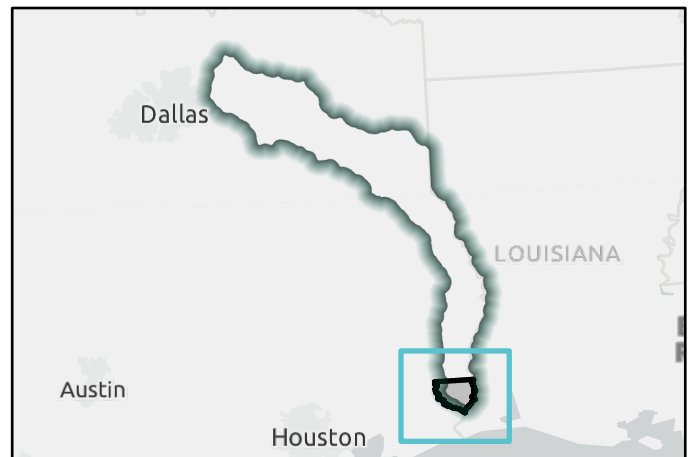
Negative impacts?	No	Negative impacts description	None
Water supply contributions?	No	Water supply contribution description	None

Estimated Cost

Project Cost	\$10,000,000	% Nature-Based	0	BCR	1
Recurring costs	0	Issues	-		



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Project Description

Elevations of homes within Floodplains throughout County.

Watershed HUC# (if known)	<input type="text" value="120100051005, 120100051004, 120100051100, 120100051003"/>	Emergency Need?	<input type="text" value="Yes"/>
Associated FMEs	<input type="text" value="-"/>	Drainage area (mi ² est.)	<input type="text" value="371"/>
Associated FMSs	<input type="text" value="999999"/>	County	<input type="text" value="Orange"/>
		Associated FMPs	<input type="text" value="-"/>

Existing 100-Year Flood Risk

Flood risk type:	Riverine? <input type="text" value="Yes"/>	Coastal? <input type="text" value="Yes"/>	Local? <input type="text" value="No"/>	Playa? <input type="text" value="No"/>	Other? <input type="text" value="No"/>
Population at risk	<input type="text" value="44,427"/>	# of structures	<input type="text" value="16,974"/>	Critical facilities	<input type="text" value="269"/>
Farm/Ranch land impacted (acres)	<input type="text" value="13,579"/>	Roadway(s) impacted (length)	<input type="text" value="364"/>		
Number of low water crossings	<input type="text" value="22"/>	Historical road closures	<input type="text" value="22"/>		

100-Year Flood Risk Reduction

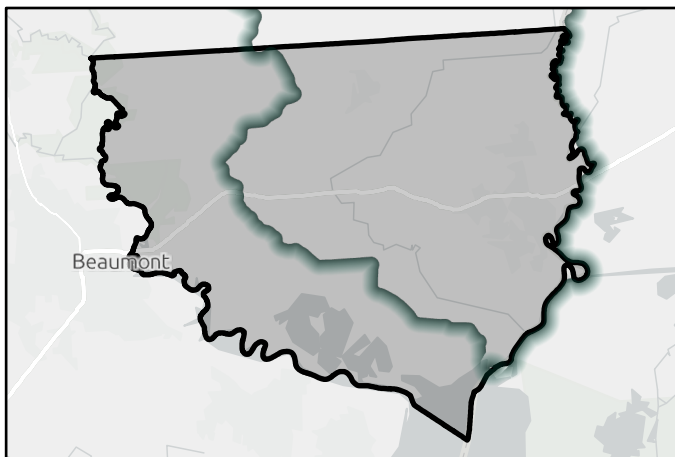
Population removed from 100-yr	<input type="text" value="0"/>	# of structures removed from 100-yr	<input type="text" value="0"/>
Critical facilities removed from 100-yr	<input type="text" value="0"/>	Farm/Ranch land removed from 100-yr (acres)	<input type="text" value="0"/>
Road removed from 100-yr (miles)	<input type="text" value="0"/>	Low water crossings removed from 100-yr	<input type="text" value="0"/>
Other benefits	<input type="text" value="Environmental"/>	Reduction in # of road closures over 10 years	<input type="text" value="0"/>

Impacts

Negative impacts?	<input type="text" value="No"/>	Negative impacts description	<input type="text" value="None"/>
Water supply contributions?	<input type="text" value="No"/>	Water supply contribution description	<input type="text" value="None"/>

Estimated Cost

Project Cost	<input type="text" value="\$10,000,000"/>	% Nature-Based	<input type="text" value="0"/>	BCR	<input type="text" value="1"/>
Recurring costs	<input type="text" value="0"/>	Issues	<input type="text" value="-"/>		



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title **Bighead Creek Flooding - Roadway Improvements to Stone Road**

ID# **043000031** Sponsor **Kilgore (Municipality)**

RFPG recommend? **Yes** Reason for Recommendation **Aligns with RFPG Goals**

Project Description

Proposed drainage improvements near Bighead Creek

Watershed HUC# (if known)	120100020501, 120100020506, 120100020502, 120100020503, 120100020601	Emergency Need?	Yes
Associated FMEs	-	Drainage area (mi ² est.)	155
Associated FMSs	-	County	Rusk
		Associated FMPs	-

Existing 100-Year Flood Risk

Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Population at risk	1,891	# of structures	517	Critical facilities	3
Farm/Ranch land impacted (acres)	3,000	Roadway(s) impacted (length)	45		
Number of low water crossings	3	Historical road closures	3		

100-Year Flood Risk Reduction

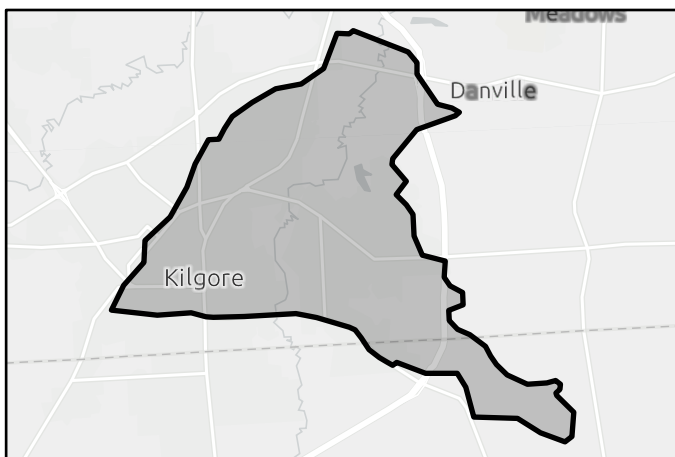
Population removed from 100-yr	-	# of structures removed from 100-yr	-
Critical facilities removed from 100-yr	-	Farm/Ranch land removed from 100-yr (acres)	-
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr	-
Other benefits	Transportation	Reduction in # of road closures over 10 years	-

Impacts

Negative impacts?	No	Negative impacts description	None
Water supply contributions?	No	Water supply contribution description	None

Estimated Cost

Project Cost	\$57,548,151	% Nature-Based	-	BCR	0
Recurring costs	0	Issues	-		



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Project Description

Proposed drainage improvements near Harris Creek

Watershed HUC# (if known)	<input type="text" value="120100020506, 120100020601, 120100020504, 120100020505"/>	Emergency Need?	<input type="text" value="Yes"/>
Associated FMEs	<input type="text" value="-"/>	Drainage area (mi ² est.)	<input type="text" value="94"/>
Associated FMSs	<input type="text" value="-"/>	County	<input type="text" value="Gregg"/>
		Associated FMPs	<input type="text" value="-"/>

Existing 100-Year Flood Risk

Flood risk type:	Riverine? <input type="text" value="Yes"/>	Coastal? <input type="text" value="No"/>	Local? <input type="text" value="No"/>	Playa? <input type="text" value="No"/>	Other? <input type="text" value="No"/>
Population at risk	<input type="text" value="3,309"/>	# of structures	<input type="text" value="541"/>	Critical facilities	<input type="text" value="1"/>
Farm/Ranch land impacted (acres)	<input type="text" value="-"/>	Roadway(s) impacted (length)	<input type="text" value="4"/>		
Number of low water crossings	<input type="text" value="0"/>	Historical road closures	<input type="text" value="0"/>		

100-Year Flood Risk Reduction

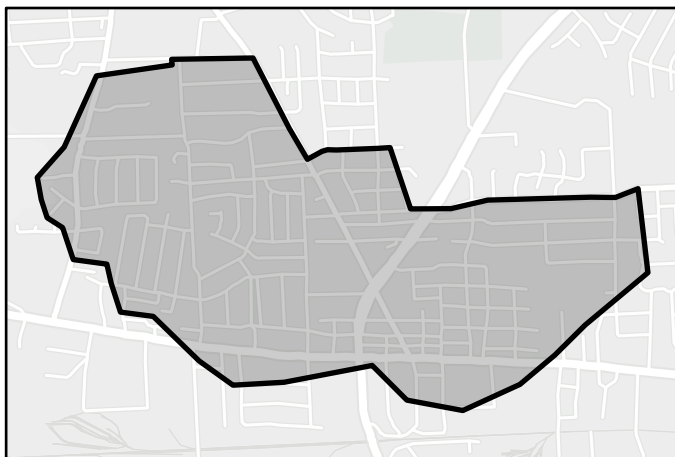
Population removed from 100-yr	<input type="text" value="246"/>	# of structures removed from 100-yr	<input type="text" value="50"/>
Critical facilities removed from 100-yr	<input type="text" value="0"/>	Farm/Ranch land removed from 100-yr (acres)	<input type="text" value="0"/>
Road removed from 100-yr (miles)	<input type="text" value="-"/>	Low water crossings removed from 100-yr	<input type="text" value="0"/>
Other benefits	<input type="text" value="Transportation"/>	Reduction in # of road closures over 10 years	<input type="text" value="0"/>

Impacts

Negative impacts?	<input type="text" value="No"/>	Negative impacts description	<input type="text" value="None"/>
Water supply contributions?	<input type="text" value="No"/>	Water supply contribution description	<input type="text" value="None"/>

Estimated Cost

Project Cost	<input type="text" value="\$53,892,341"/>	% Nature-Based	<input type="text" value="-"/>	BCR	<input type="text" value="0"/>
Recurring costs	<input type="text" value="0"/>	Issues	<input type="text" value="-"/>		



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Project Description

Proposed drainage improvements near Iron Bridge Creek

Watershed HUC# (if known)	<input type="text" value="120100020506, 120100020601, 120100020504, 120100020505"/>	Emergency Need?	<input type="text" value="Yes"/>
Associated FMEs	<input type="text" value="-"/>	Drainage area (mi ² est.)	<input type="text" value="94"/>
Associated FMSs	<input type="text" value="-"/>	County	<input type="text" value="Gregg"/>
		Associated FMPs	<input type="text" value="-"/>

Existing 100-Year Flood Risk

Flood risk type:	Riverine? <input type="text" value="Yes"/>	Coastal? <input type="text" value="No"/>	Local? <input type="text" value="No"/>	Playa? <input type="text" value="No"/>	Other? <input type="text" value="No"/>
Population at risk	<input type="text" value="2,069"/>	# of structures	<input type="text" value="360"/>	Critical facilities	<input type="text" value="1"/>
Farm/Ranch land impacted (acres)	<input type="text" value="-"/>	Roadway(s) impacted (length)	<input type="text" value="2"/>		
Number of low water crossings	<input type="text" value="0"/>	Historical road closures	<input type="text" value="0"/>		

100-Year Flood Risk Reduction

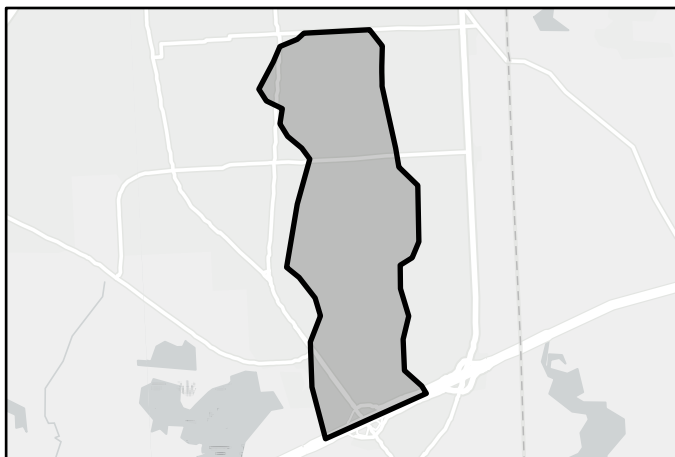
Population removed from 100-yr	<input type="text" value="26"/>	# of structures removed from 100-yr	<input type="text" value="14"/>
Critical facilities removed from 100-yr	<input type="text" value="0"/>	Farm/Ranch land removed from 100-yr (acres)	<input type="text" value="0"/>
Road removed from 100-yr (miles)	<input type="text" value="-"/>	Low water crossings removed from 100-yr	<input type="text" value="0"/>
Other benefits	<input type="text" value="Transportation"/>	Reduction in # of road closures over 10 years	<input type="text" value="0"/>

Impacts

Negative impacts?	<input type="text" value="No"/>	Negative impacts description	<input type="text" value="None"/>
Water supply contributions?	<input type="text" value="No"/>	Water supply contribution description	<input type="text" value="None"/>

Estimated Cost

Project Cost	<input type="text" value="\$25,270,808"/>	% Nature-Based	<input type="text" value="-"/>	BCR	<input type="text" value="0"/>
Recurring costs	<input type="text" value="0"/>	Issues	<input type="text" value="-"/>		



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title CR-342 Drainage Improvements

ID# 043000034 Sponsor Kaufman (County)

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Project Description

Proposed bridge installation over creek crossing on County Road 342 to reduce roadway overtopping during storm events.

Watershed HUC# (if known)	120100010405	Emergency Need?	No
Associated FMEs	-	Drainage area (mi ² est.)	0
Associated FMSs	-	County	Kaufman
		Associated FMPs	-

Existing 100-Year Flood Risk

Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Population at risk	0	# of structures	0	Critical facilities	0
Farm/Ranch land impacted (acres)	0	Roadway(s) impacted (length)	0		
Number of low water crossings	1	Historical road closures	1		

100-Year Flood Risk Reduction

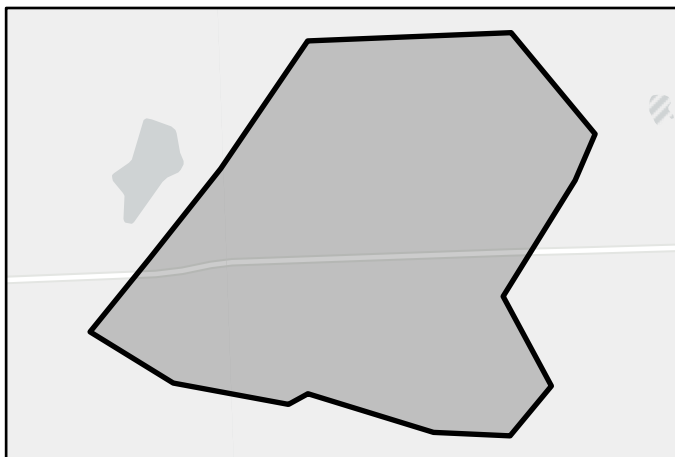
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	1
Other benefits	Transportation	Reduction in # of road closures over 10 years	1

Impacts

Negative impacts?	No	Negative impacts description	None
Water supply contributions?	No	Water supply contribution description	None

Estimated Cost

Project Cost	\$2,141,682	% Nature-Based	0	BCR	1
Recurring costs	0	Issues	-		



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title Sabine Flood Measurement Gages

ID# 043000035 Sponsor Sabine River Authority

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Project Description

Install flood measurement gages regionwide

Watershed HUC# (if known)	120100010301	Emergency Need?	Yes
Associated FMEs	-	Drainage area (mi ² est.)	4,760
Associated FMSs	042000052	County	Smith, Gregg, Kaufman, Harrison, Van
		Associated FMPs	-

Existing 100-Year Flood Risk

Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Population at risk	43,502	# of structures	12,591	Critical facilities	88
Farm/Ranch land impacted (acres)	170,166	Roadway(s) impacted (length)	877		
Number of low water crossings	67	Historical road closures	67		

100-Year Flood Risk Reduction

Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	-	Reduction in # of road closures over 10 years	0

Impacts

Negative impacts?	No	Negative impacts description	None
Water supply contributions?	No	Water supply contribution description	None

Estimated Cost

Project Cost	\$737,148	% Nature-Based	-	BCR	1
Recurring costs	0	Issues	-		



FMP area



Regional view of FMP area

Flood Management Strategy (FMS)



Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known)

Drainage area (mi², est.)

County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

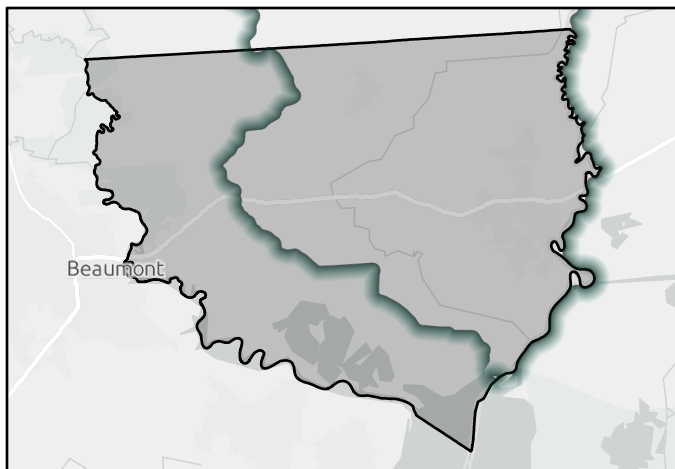
Impacts

Negative impacts? Negative impacts description

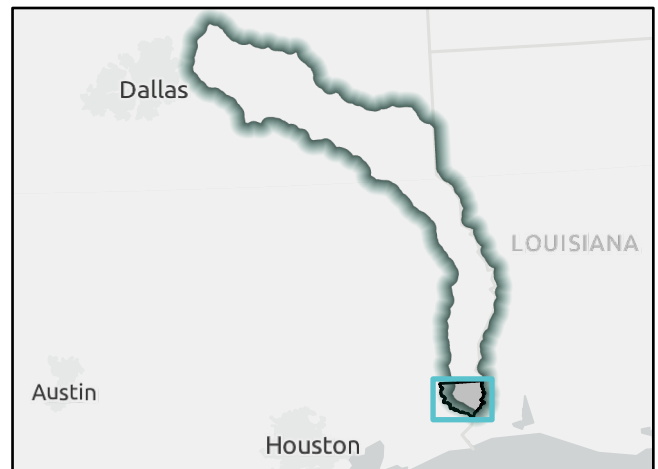
Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known) Drainage area (mi², est.)

County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

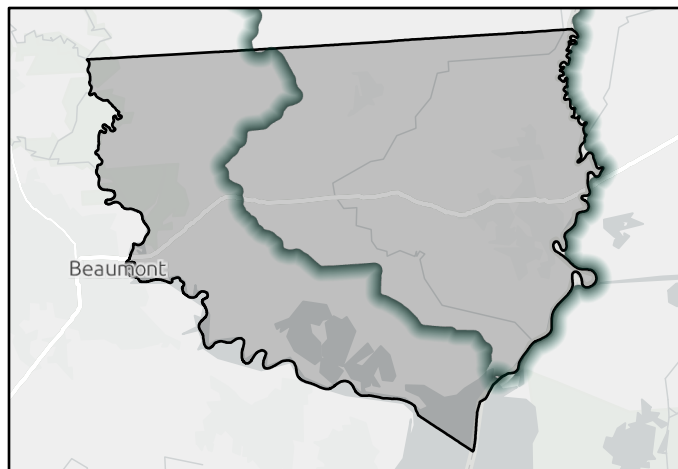
Impacts

Negative impacts? Negative impacts description

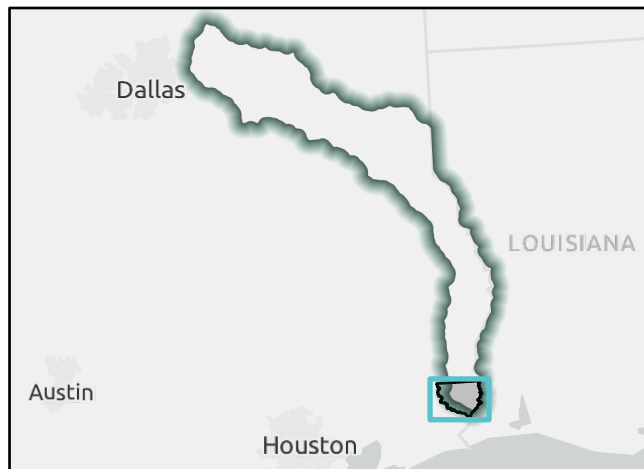
Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs Drainage area (mi², est.)

Watershed HUC# (if known) County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

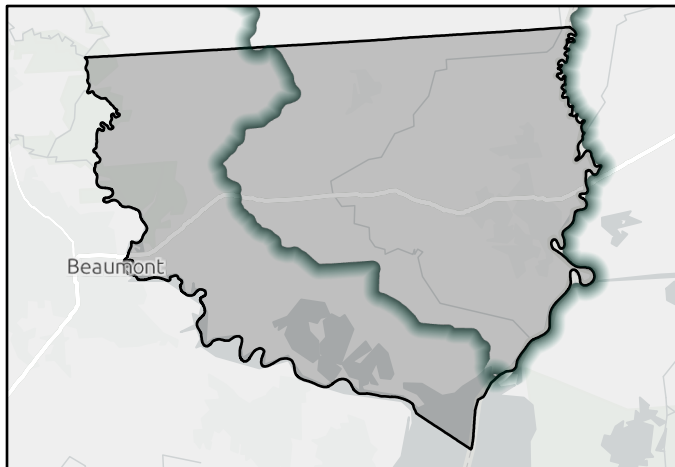
Impacts

Negative impacts? Negative impacts description

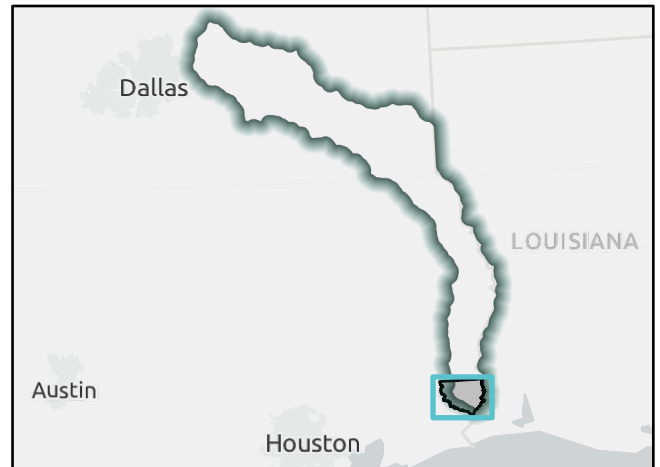
Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based

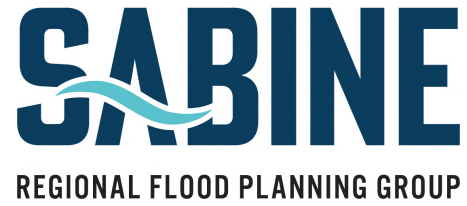


FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known) Drainage area (mi², est.)

County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

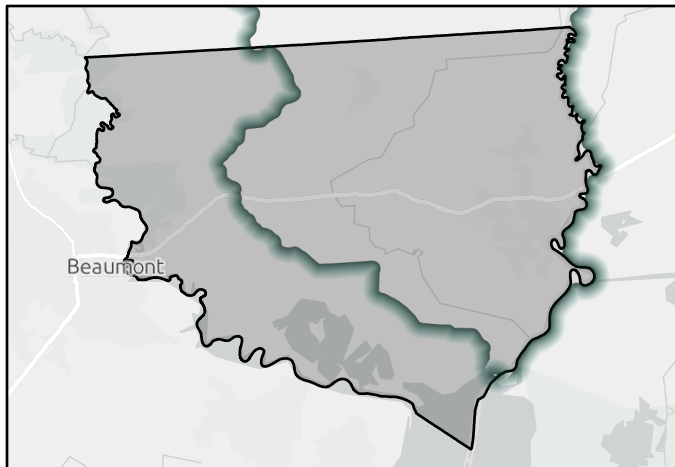
Impacts

Negative impacts? Negative impacts description

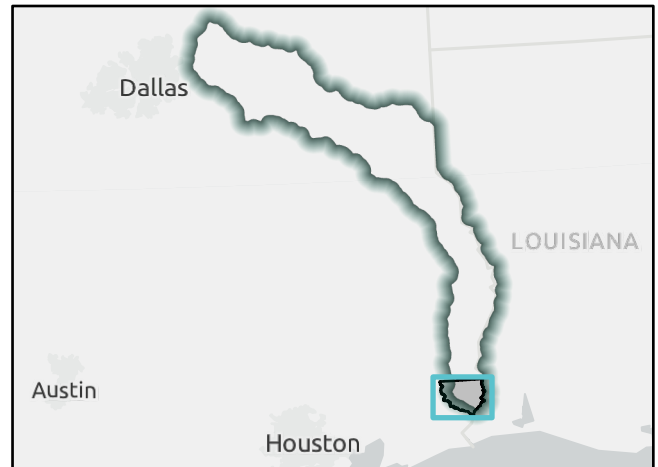
Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title

ID# Sponsor

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known) Drainage area (mi², est.)

County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

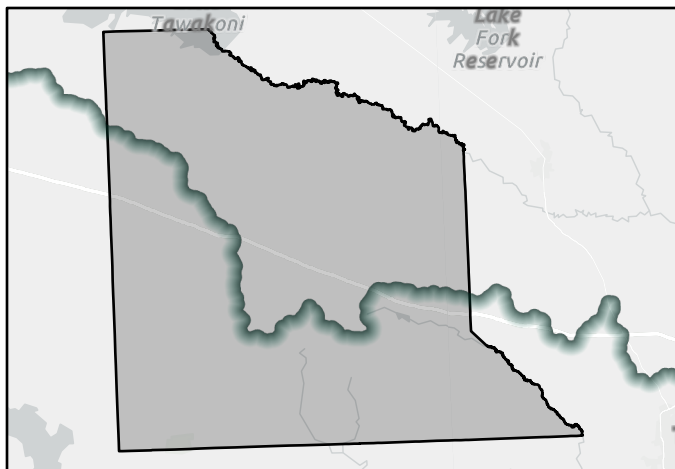
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type	<input type="text" value="Education and Outreach"/>		
Strategy description	<input type="text" value="Develop a public education and awareness website to educate and inform Rockwall County residents/businesses about the natural hazards and the potential ways to mitigate them and the ecological and societal benefits of flooding."/>		
Associated FMEs	<input type="text" value="999999"/>	Associated FMPs	<input type="text" value="999999"/>
Associated FMSs	<input type="text" value="999999"/>	Drainage area (mi ² , est.)	<input type="text" value="148"/>
Watershed HUC# (if known)	<input type="text" value="120100010301, 120100010302"/>	County	<input type="text" value="Rockwall"/>

Goal(s)

Existing 100-Year Flood Risk

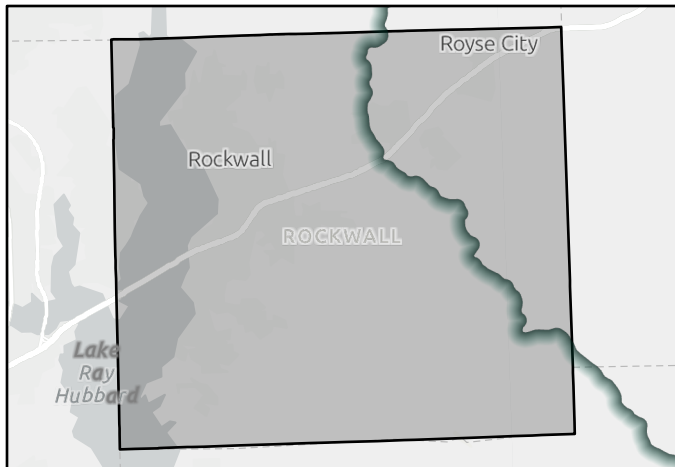
Population at risk	<input type="text" value="673"/>	# of structures	<input type="text" value="191"/>	Critical facilities	<input type="text" value="0"/>
Flood risk type:	Riverine? <input type="text" value="Yes"/>	Coastal? <input type="text" value="No"/>	Local? <input type="text" value="No"/>	Playa? <input type="text" value="No"/>	Other? <input type="text" value="No"/>
Farm/Ranch land impacted (acres)	<input type="text" value="3,040"/>	Roadway(s) impacted (miles)	<input type="text" value="15"/>		
Number of low water crossings	<input type="text" value="11"/>	Historical road closures	<input type="text" value="11"/>		

Impacts

Negative impacts?	<input type="text" value="No"/>	Negative impacts description	<input type="text" value="N/A"/>		
Water supply contributions?	<input type="text" value="No"/>	Water supply contribution description	<input type="text" value="None"/>		

Estimated Cost

Strategy Cost	<input type="text" value="\$2,775"/>	Amount of available funding	<input type="text" value="\$0"/>	% Nature-Based	<input type="text" value="0"/>
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known)

Drainage area (mi², est.)

County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

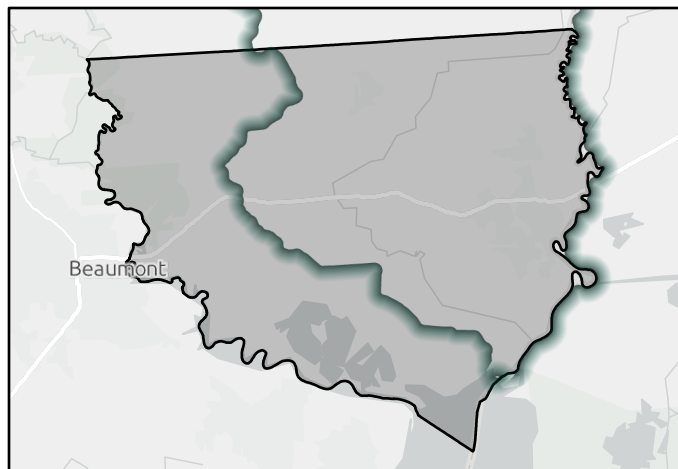
Impacts

Negative impacts? Negative impacts description

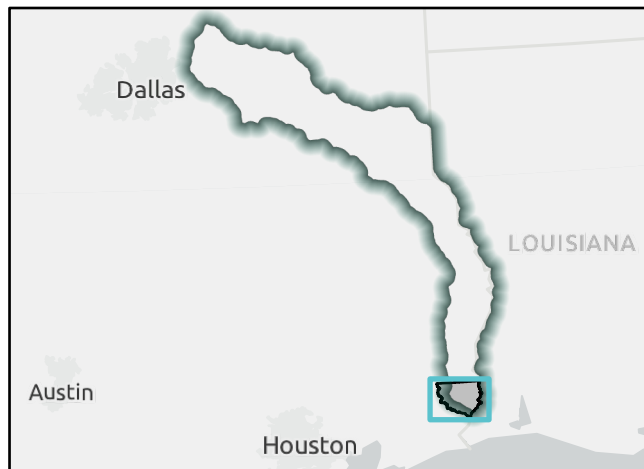
Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based

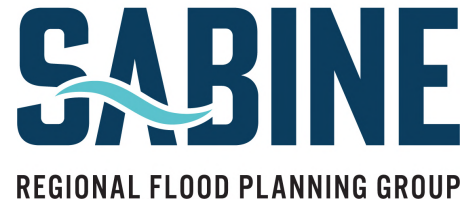


FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known) Drainage area (mi², est.)

County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

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Number of low water crossings Historical road closures

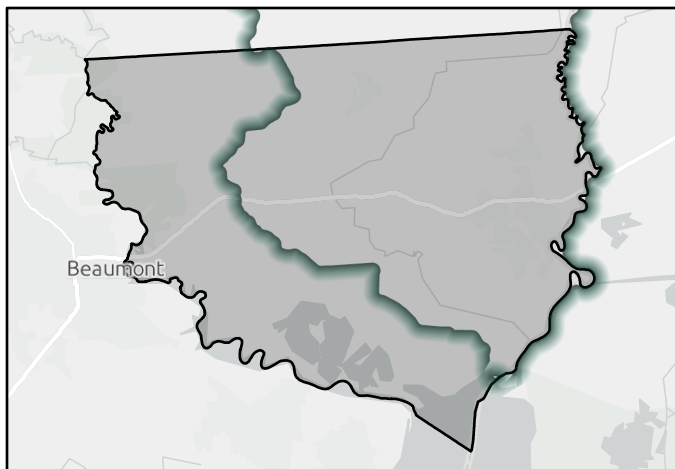
Impacts

Negative impacts? Negative impacts description

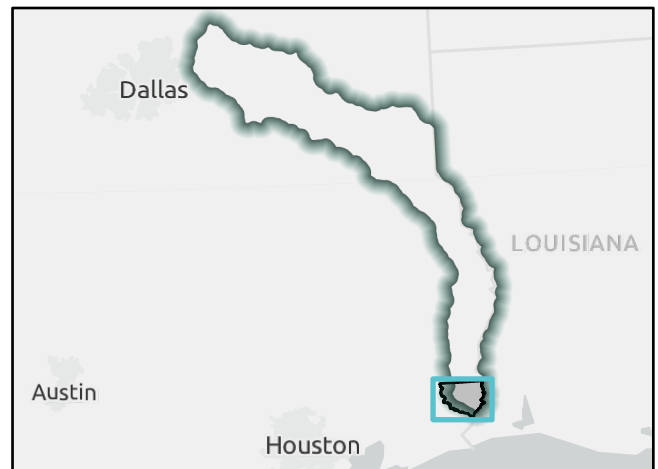
Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known) Drainage area (mi², est.)

County

Goal(s)

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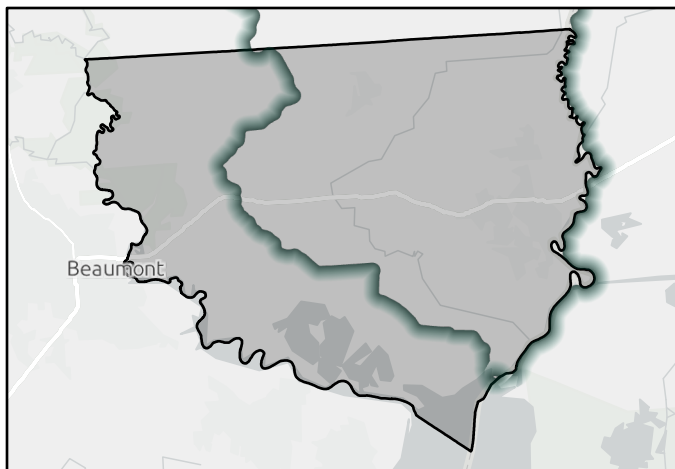
Impacts

Negative impacts? Negative impacts description

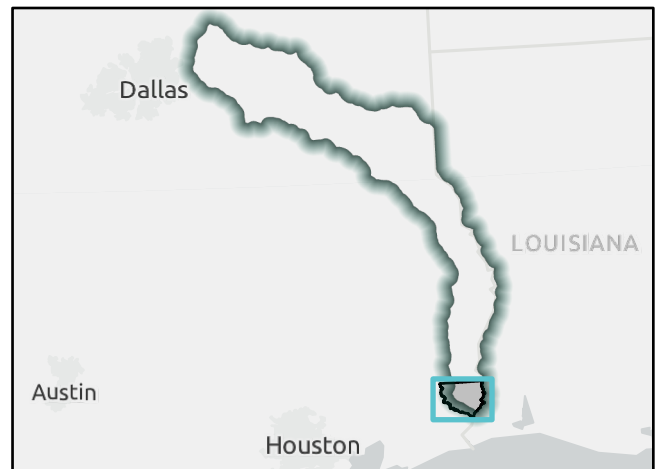
Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs Drainage area (mi², est.)

Watershed HUC# (if known) County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

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Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known) Drainage area (mi², est.)

County

Goal(s)

Existing 100-Year Flood Risk

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Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known)

Drainage area (mi², est.)

County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

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Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

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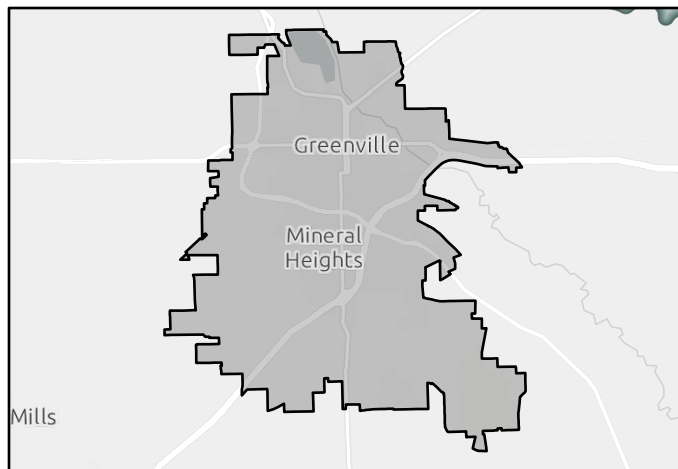
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known)

Drainage area (mi², est.)

County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

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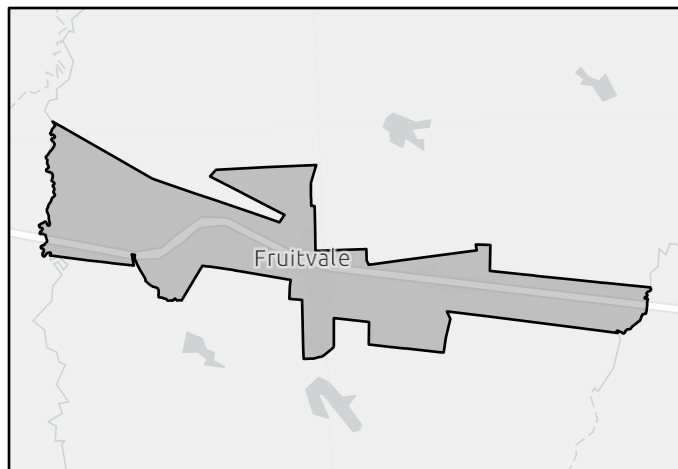
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known) Drainage area (mi², est.)

County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

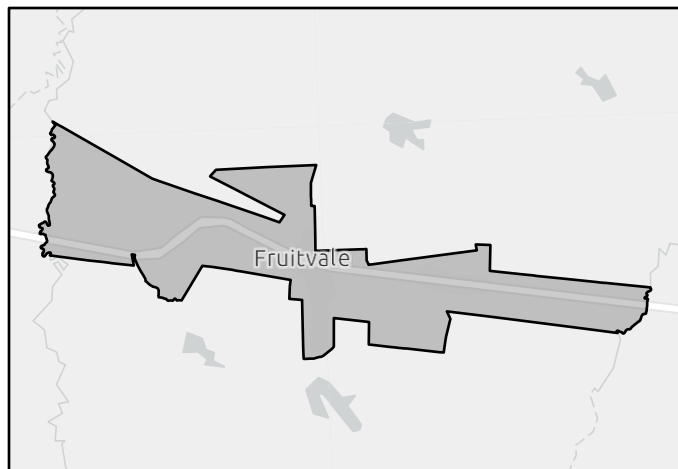
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known)

Drainage area (mi², est.)

County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

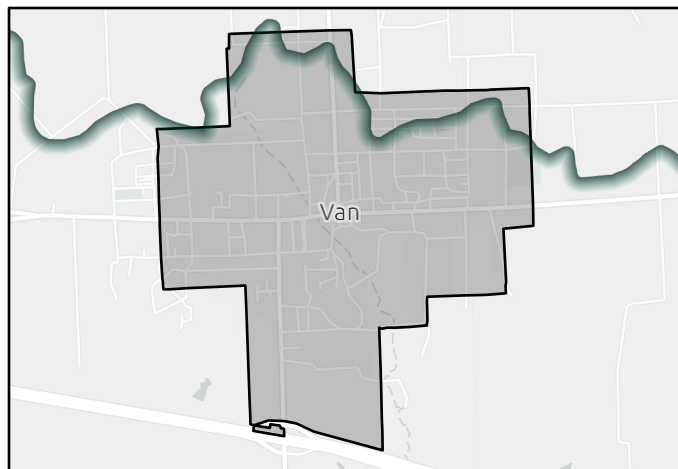
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known) Drainage area (mi², est.)

County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

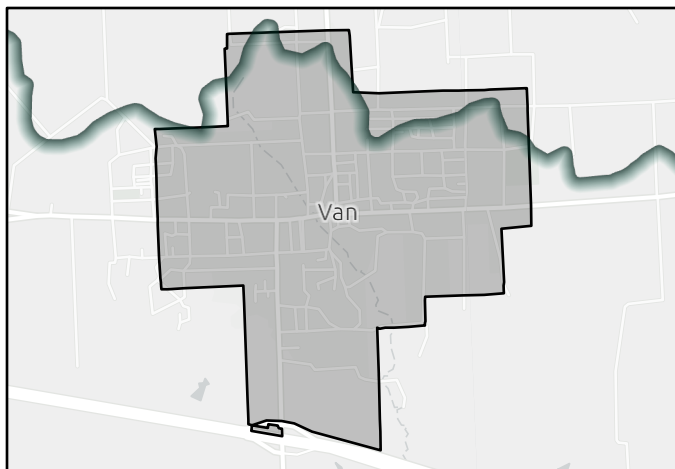
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Yes Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known) Drainage area (mi², est.)

County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

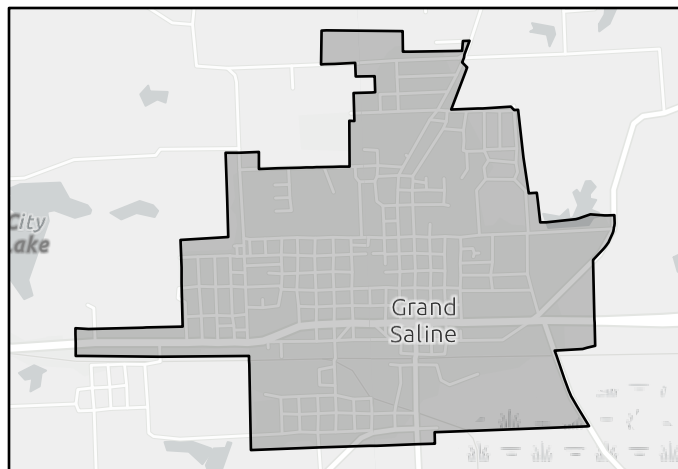
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known) Drainage area (mi², est.)

County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

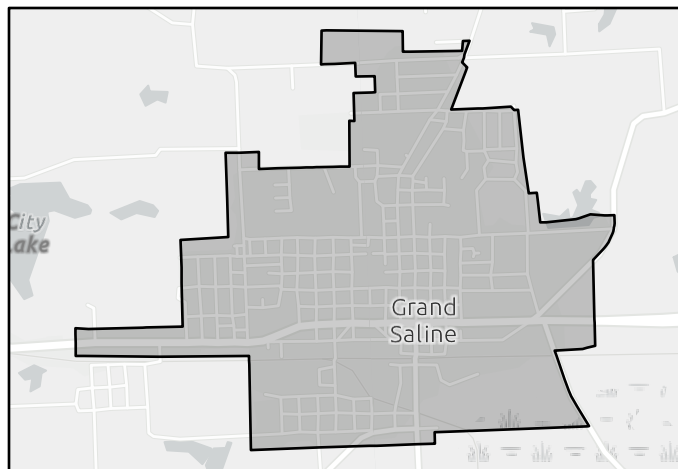
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known)

Drainage area (mi², est.)

County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

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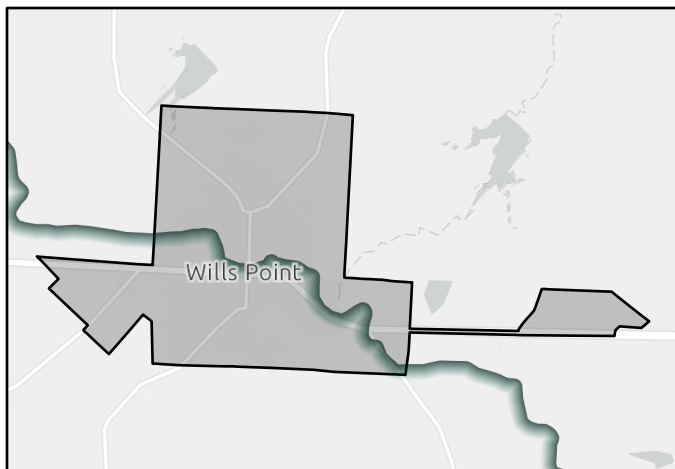
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based

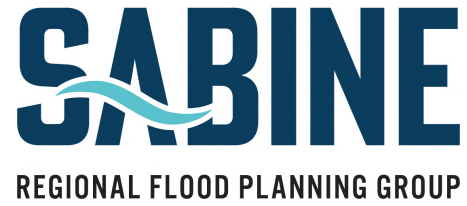


FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs Drainage area (mi², est.)

Watershed HUC# (if known) County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

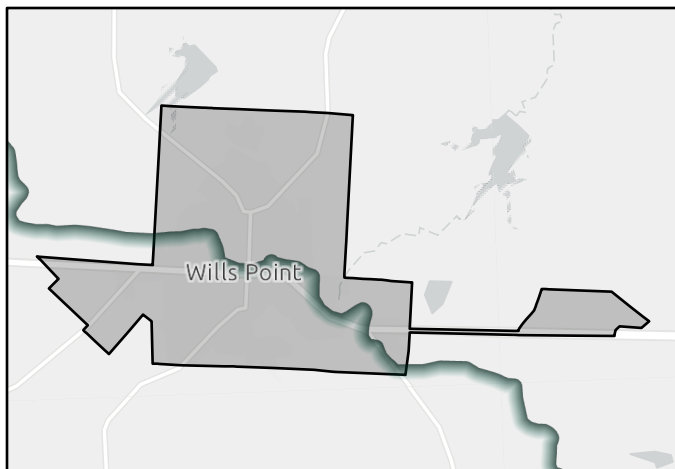
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs Drainage area (mi², est.)

Watershed HUC# (if known) County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

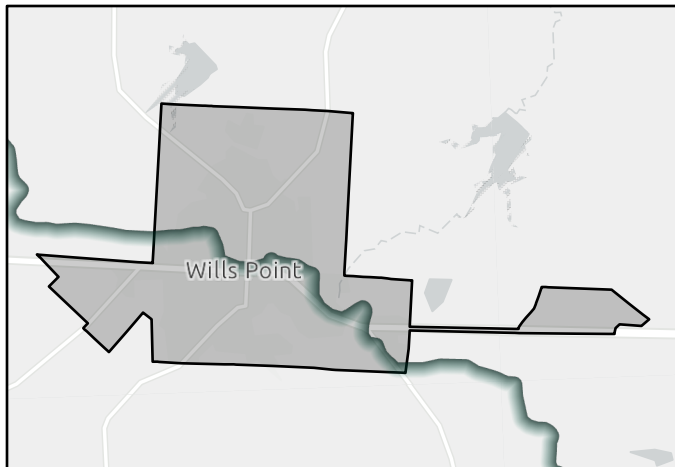
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs Drainage area (mi², est.)

Watershed HUC# (if known) County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

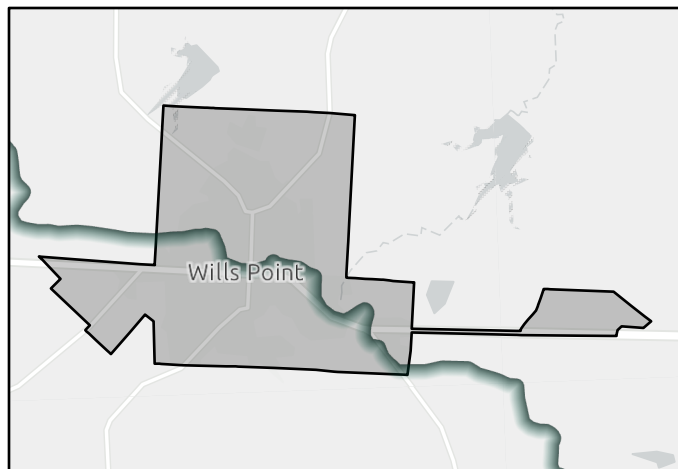
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known) Drainage area (mi², est.)

County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

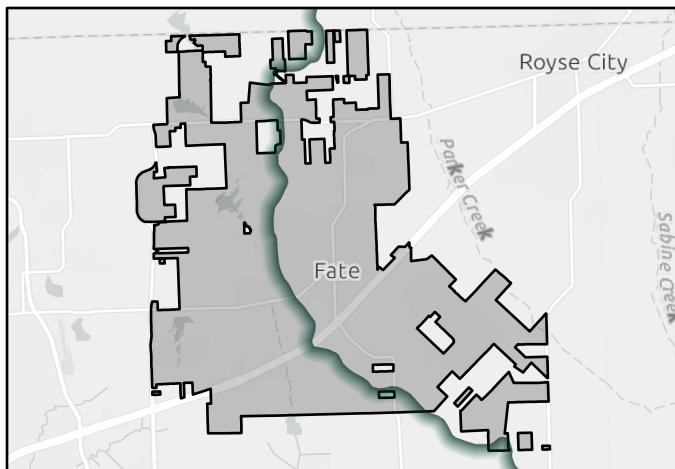
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known) Drainage area (mi², est.)

County

Goal(s)

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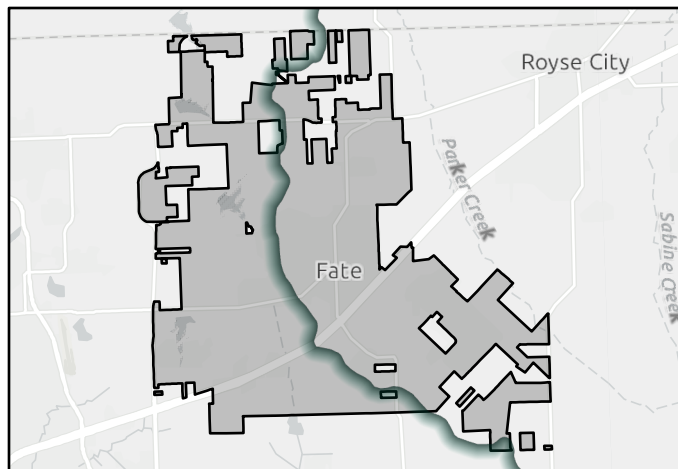
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known)

Drainage area (mi², est.)

County

Goal(s)

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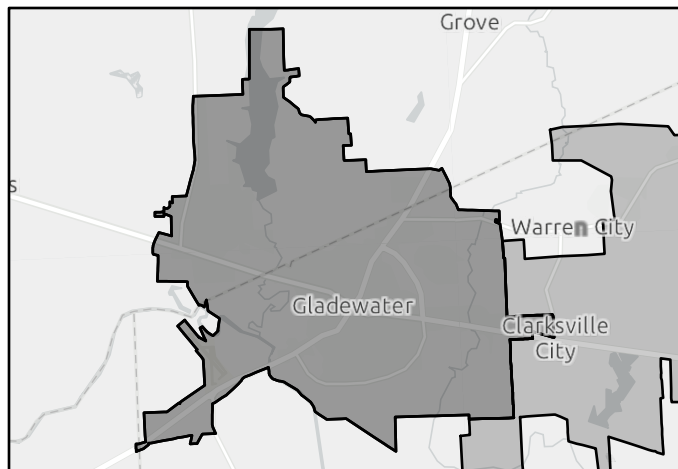
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs Drainage area (mi², est.)

Watershed HUC# (if known) County

Goal(s)

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Flood risk type: Riverine? Coastal? Local? Playa? Other?

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Number of low water crossings Historical road closures

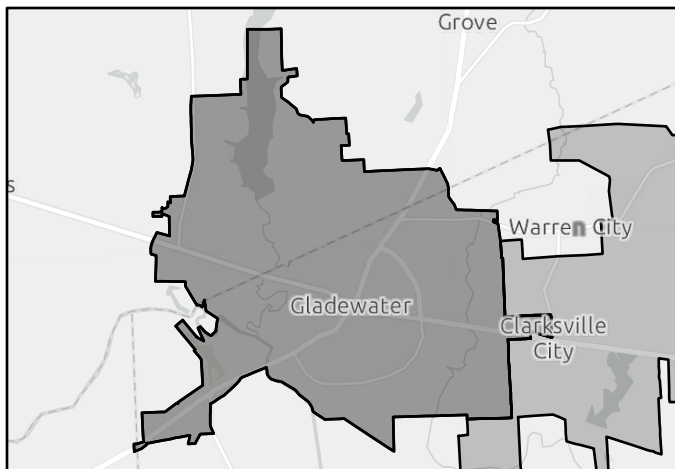
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

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Strategy type

Strategy description

Associated FMEs Associated FMPs

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Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

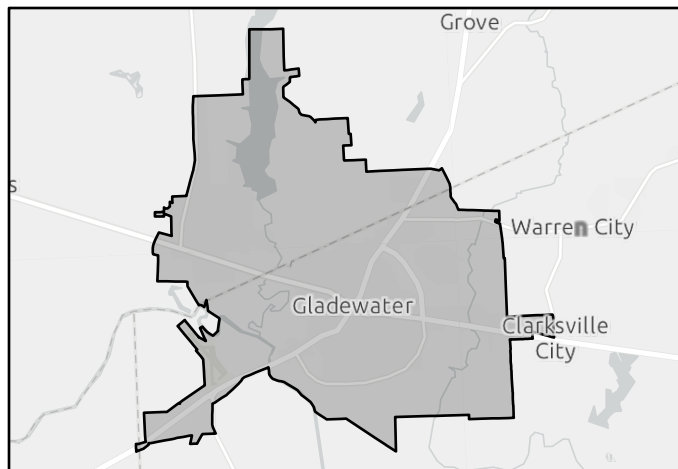
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known)

Drainage area (mi², est.)

County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

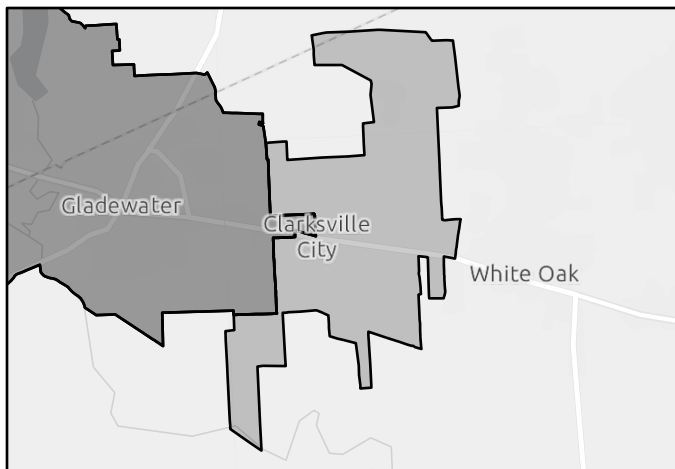
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known)

Drainage area (mi², est.)

County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

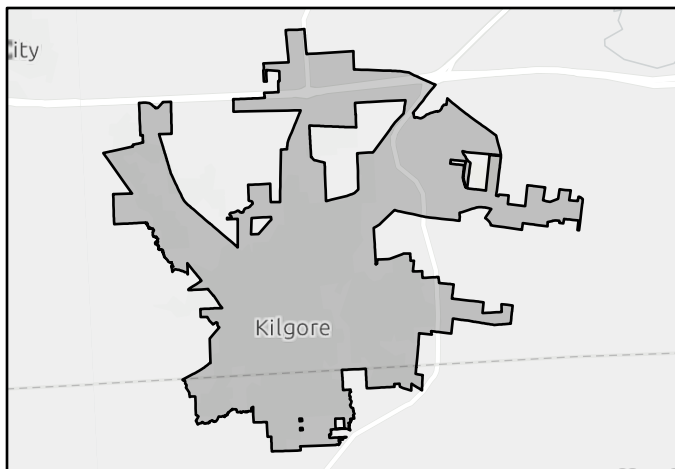
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs Drainage area (mi², est.)

Watershed HUC# (if known) County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

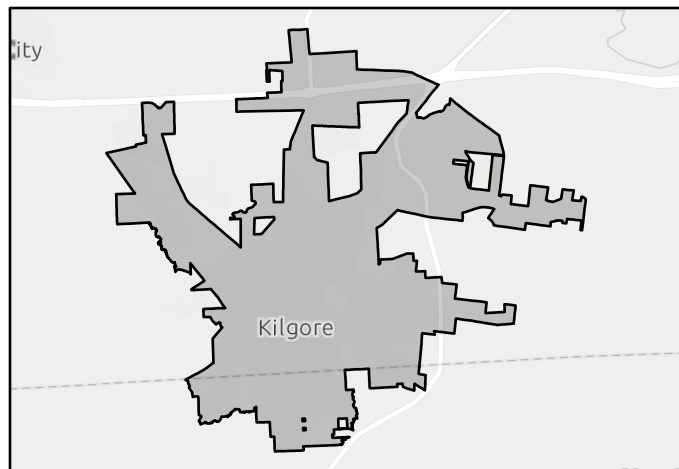
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title City of Clarksville City Flood Infrastructure Inspection and Maintenance Program

ID# 042000033 Sponsor Clarksville City (Municipality)

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type	Other		
Strategy description	Monitor flood-prone areas and remove debris from drainage culverts when needed to alleviate potential flooding hazards.		
Associated FMEs	999999	Associated FMPs	999999
Associated FMSs	999999	Drainage area (mi ² , est.)	7
Watershed HUC# (if known)	120100020405	County	Gregg, Upshur
Goal(s)	Goal 1: Increase number of communities with documented, operational and funded stormwater asset management plan and maintenance operations to 50%.		

Existing 100-Year Flood Risk

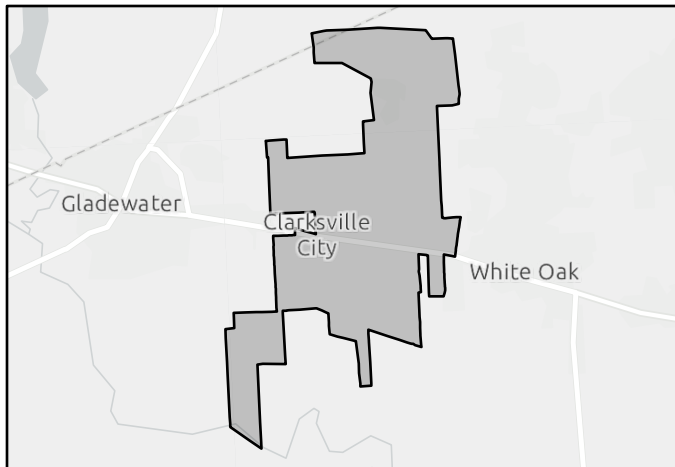
Population at risk	29	# of structures	25	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	118	Roadway(s) impacted (miles)	1		
Number of low water crossings	0	Historical road closures	0		

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	None

Estimated Cost

Strategy Cost	\$20,000	Amount of available funding	\$0	% Nature-Based	0
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known) Drainage area (mi², est.)
 County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

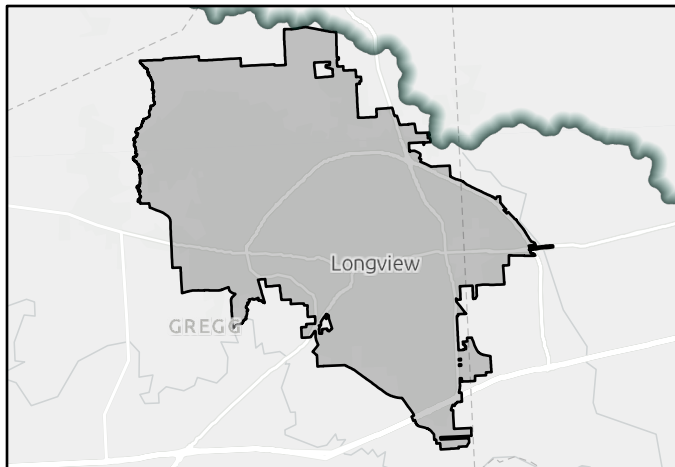
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known) Drainage area (mi², est.)

County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

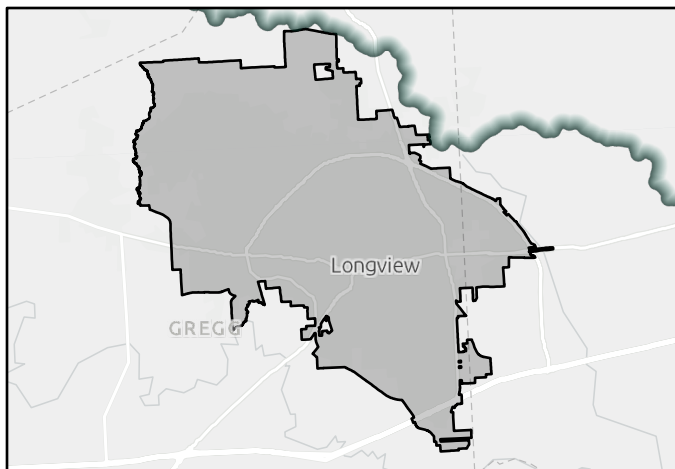
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title Longview Flood Mitigation Floodplain Development Regulations

ID# 042000036 Sponsor Longview (Municipality)

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Improve the long-range management and use of flood-prone areas by the adoption and enforcement of local ordinances to regulate new development within the floodplain. Review and revise ordinances, when needed.		
Associated FMEs	999999	Associated FMPs	999999
Associated FMSs	999999	Drainage area (mi ² , est.)	56
Watershed HUC# (if known)	120100020506, 120100020601, 120100020504, 120100020602	County	Gregg
Goal(s)	Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis. Goal 2: Increase number of communities with a comprehensive drainage policy and criteria manuals to reduce flood hazard encouragement and education to include 75% of the region's population.		

Existing 100-Year Flood Risk

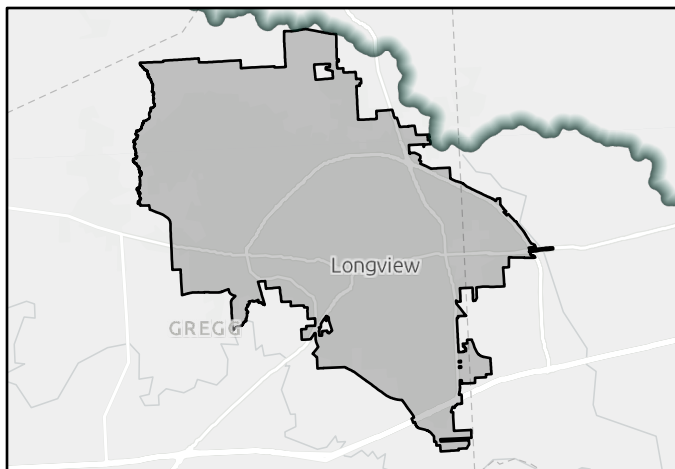
Population at risk	10,126	# of structures	1,379	Critical facilities	9
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	295	Roadway(s) impacted (miles)	41		
Number of low water crossings	0	Historical road closures	0		

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	None

Estimated Cost

Strategy Cost	\$0	Amount of available funding	\$0	% Nature-Based	0
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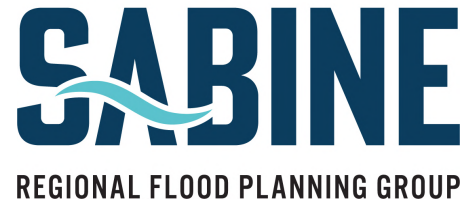


FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known) Drainage area (mi², est.)

County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

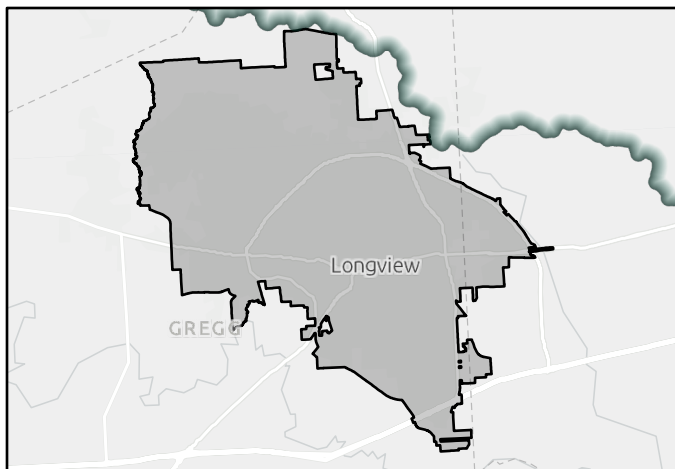
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known) Drainage area (mi², est.)

County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

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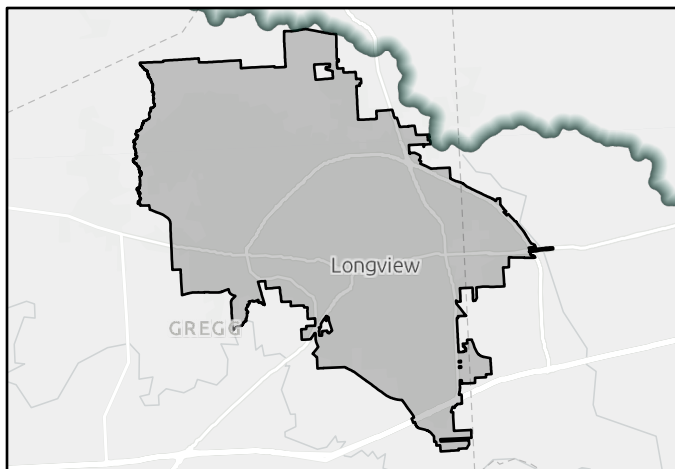
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type	<input type="text" value="Property Acquisition and Structural Elevation"/>		
Strategy description	<input type="text" value="Implementation of program to purchase properties and severe loss-repetitive loss homes in floodplain areas to reserve them from development."/>		
Associated FMEs	<input type="text" value="999999"/>	Associated FMPs	<input type="text" value="999999"/>
Associated FMSs	<input type="text" value="999999"/>	Drainage area (mi ² , est.)	<input type="text" value="56"/>
Watershed HUC# (if known)	<input type="text" value="120100020506, 120100020601, 120100020504, 120100020505, 120100020602"/>	County	<input type="text" value="Gregg"/>
Goal(s)	<input type="text" value="Goal 1: Reduce exposure of existing structures in flood prone areas by elevating, acquiring, relocating, or otherwise providing flood protection to 10% of structures."/>		

Existing 100-Year Flood Risk

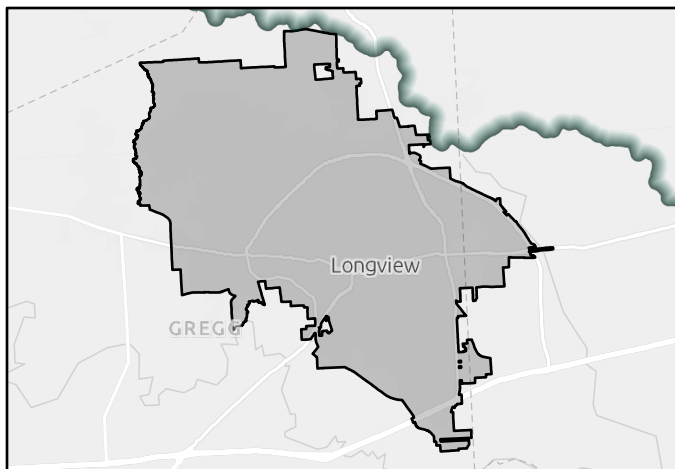
Population at risk	<input type="text" value="10,126"/>	# of structures	<input type="text" value="1,379"/>	Critical facilities	<input type="text" value="9"/>
Flood risk type:	Riverine? <input type="text" value="Yes"/>	Coastal? <input type="text" value="No"/>	Local? <input type="text" value="No"/>	Playa? <input type="text" value="No"/>	Other? <input type="text" value="No"/>
Farm/Ranch land impacted (acres)	<input type="text" value="295"/>	Roadway(s) impacted (miles)	<input type="text" value="41"/>		
Number of low water crossings	<input type="text" value="0"/>	Historical road closures	<input type="text" value="0"/>		

Impacts

Negative impacts?	<input type="text" value="No"/>	Negative impacts description	<input type="text" value="N/A"/>
Water supply contributions?	<input type="text" value="No"/>	Water supply contribution description	<input type="text" value="None"/>

Estimated Cost

Strategy Cost	<input type="text" value="\$100,000"/>	Amount of available funding	<input type="text" value="\$0"/>	% Nature-Based	<input type="text" value="0"/>
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known) Drainage area (mi², est.)

County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

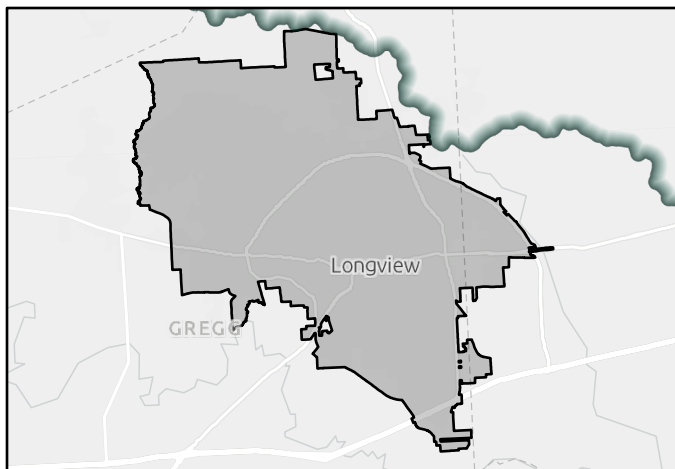
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known)

Drainage area (mi², est.)

County

Goal(s)

Existing 100-Year Flood Risk

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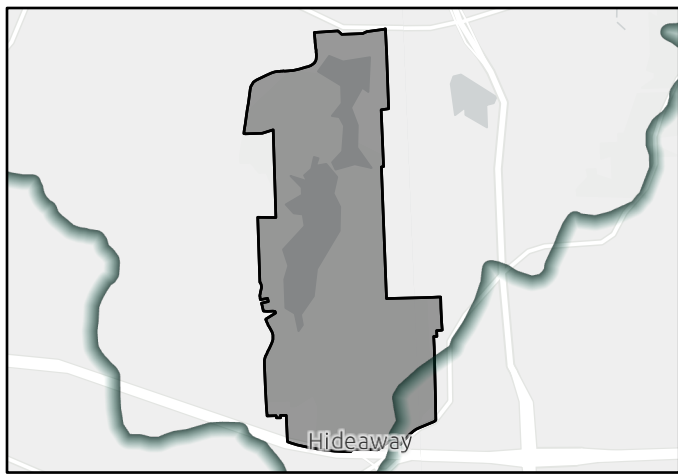
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known)

Drainage area (mi², est.)

County

Goal(s)

Existing 100-Year Flood Risk

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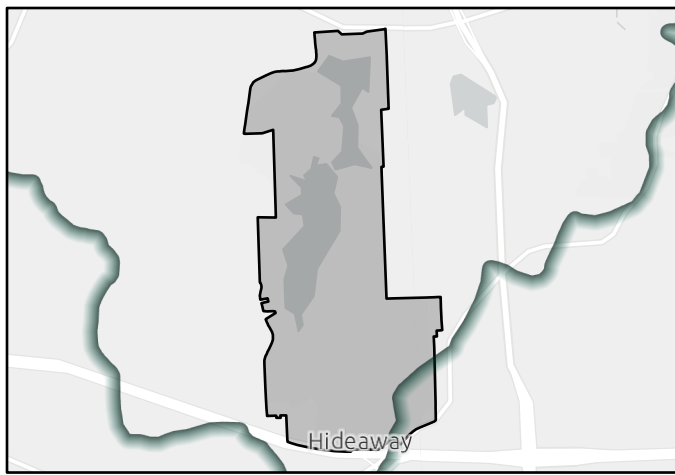
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known)

Drainage area (mi², est.)

County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

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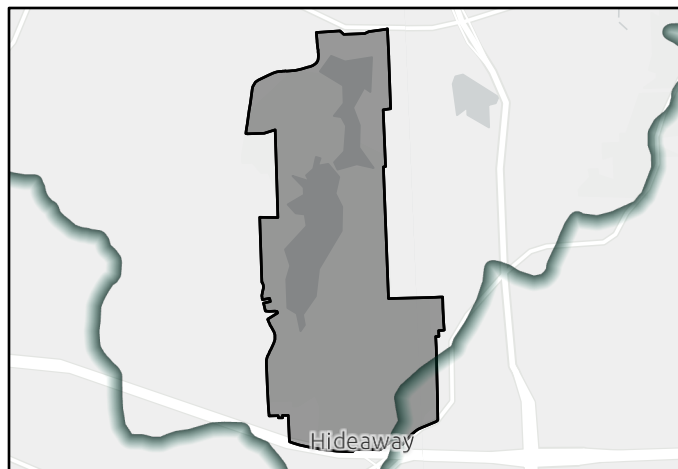
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs Drainage area (mi², est.)

Watershed HUC# (if known) County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

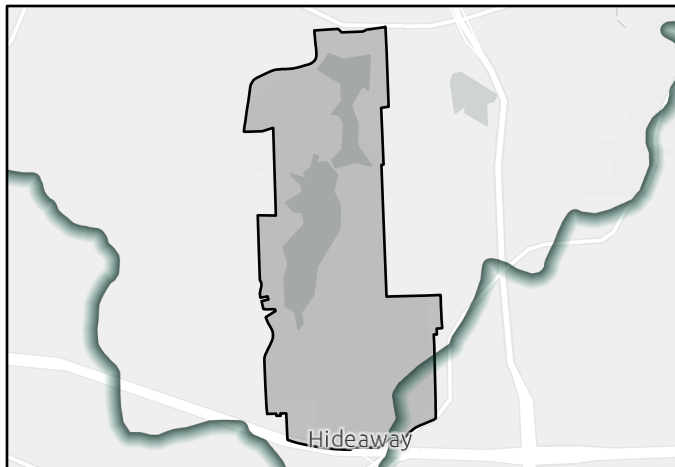
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs Drainage area (mi², est.)

Watershed HUC# (if known) County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

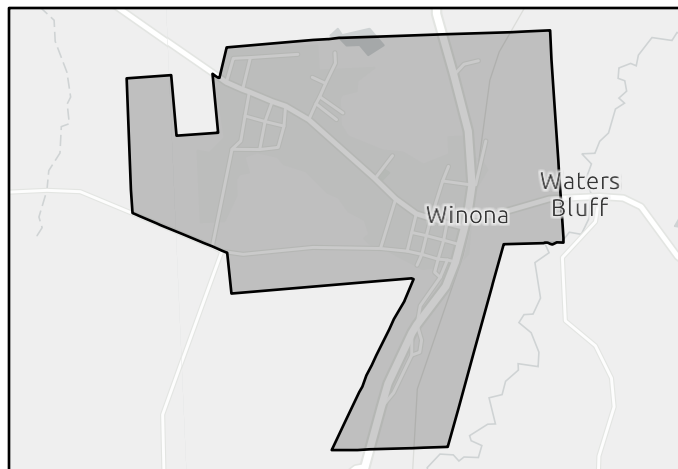
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known)

Drainage area (mi², est.)

County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

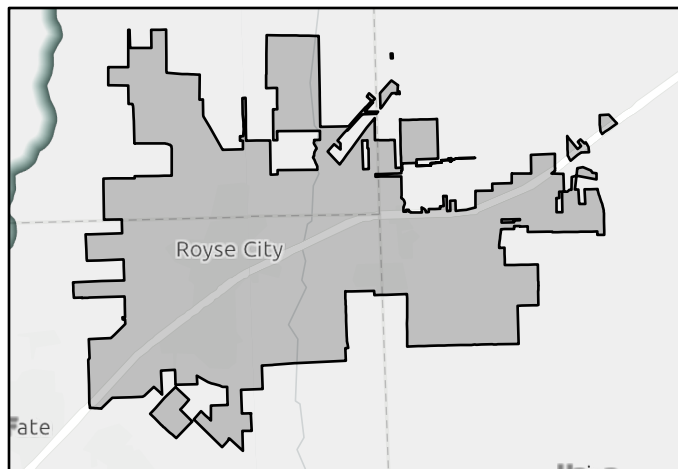
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known) Drainage area (mi², est.)

County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

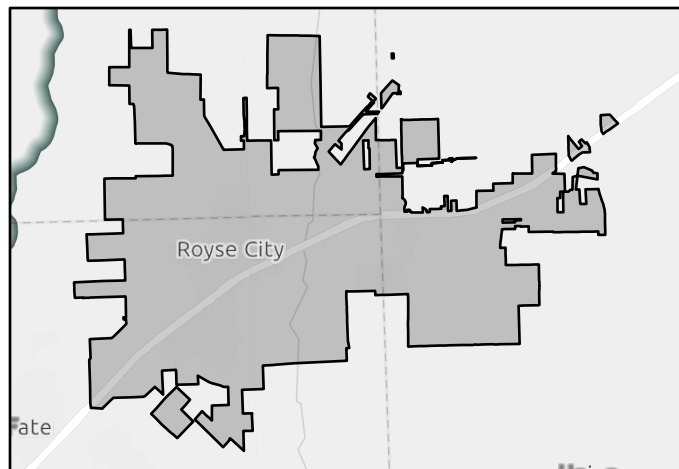
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type	<input type="text" value="Education and Outreach"/>		
Strategy description	<input type="text" value="Disseminate PSA's, Newspaper Articles through local media about dangers of flooded county roads and to 'Turn Around; Don't Drown.'"/>		
Associated FMEs	<input type="text" value="999999"/>	Associated FMPs	<input type="text" value="999999"/>
Associated FMSs	<input type="text" value="999999"/>	Drainage area (mi ² , est.)	<input type="text" value="1"/>
Watershed HUC# (if known)	<input type="text" value="120100030201"/>	County	<input type="text" value="Hopkins"/>

Goal(s)

Existing 100-Year Flood Risk

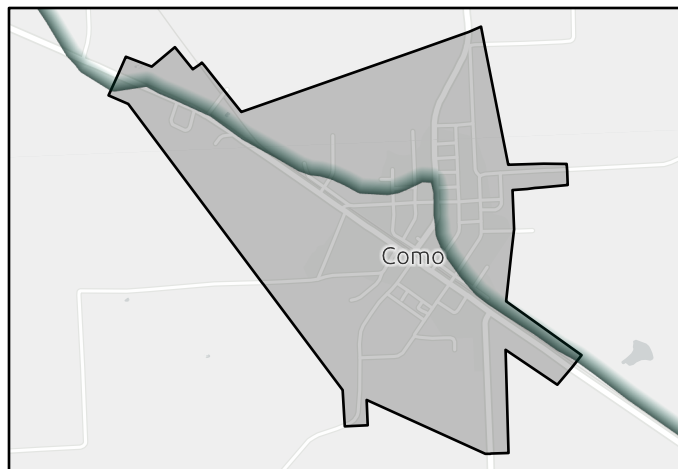
Population at risk	<input type="text" value="1"/>	# of structures	<input type="text" value="3"/>	Critical facilities	<input type="text" value="0"/>
Flood risk type:	Riverine? <input type="text" value="Yes"/>	Coastal? <input type="text" value="No"/>	Local? <input type="text" value="No"/>	Playa? <input type="text" value="No"/>	Other? <input type="text" value="No"/>
Farm/Ranch land impacted (acres)	<input type="text" value="11"/>	Roadway(s) impacted (miles)	<input type="text" value="0"/>		
Number of low water crossings	<input type="text" value="0"/>	Historical road closures	<input type="text" value="0"/>		

Impacts

Negative impacts?	<input type="text" value="No"/>	Negative impacts description	<input type="text" value="N/A"/>
Water supply contributions?	<input type="text" value="No"/>	Water supply contribution description	<input type="text" value="None"/>

Estimated Cost

Strategy Cost	<input type="text" value="\$10,000"/>	Amount of available funding	<input type="text" value="\$0"/>	% Nature-Based	<input type="text" value="0"/>
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known) Drainage area (mi², est.)

County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

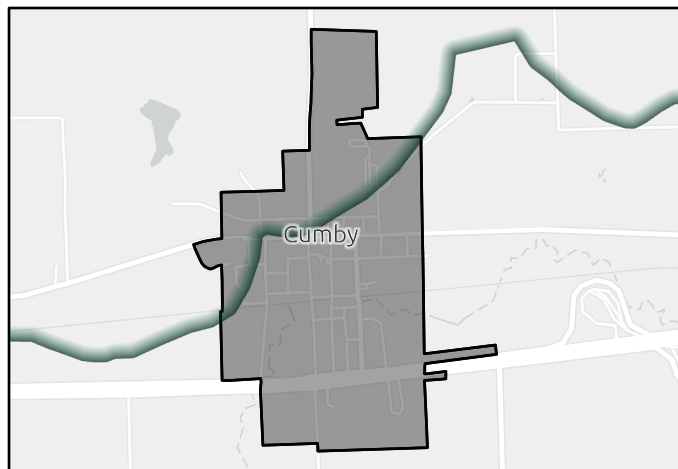
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known) Drainage area (mi², est.)

County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

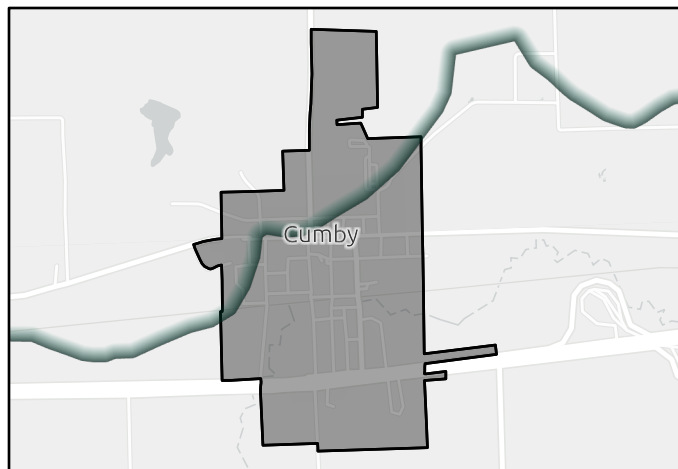
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title Sabine Flood Measurement Gages

ID# 042000052 Sponsor Sabine River Authority

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type Flood Measurement and Warning

Strategy description Install flood measurement gages in Upper Sabine Basin

Associated FMEs - Associated FMPs -

Associated FMSs -

Watershed HUC# (if known) 120100010301 Drainage area (mi², est.) 4,760

County Smith, Gregg, Kaufma

Goal(s) Goal 1: Increase number of monitoring gages and associated real time reporting technology installed and maintained in the region to 1 in 50% of HUC10s.

Existing 100-Year Flood Risk

Population at risk 43,502 # of structures 12,591 Critical facilities 88

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

Farm/Ranch land impacted (acres) 170,166 Roadway(s) impacted (miles) 877

Number of low water crossings 67 Historical road closures 67

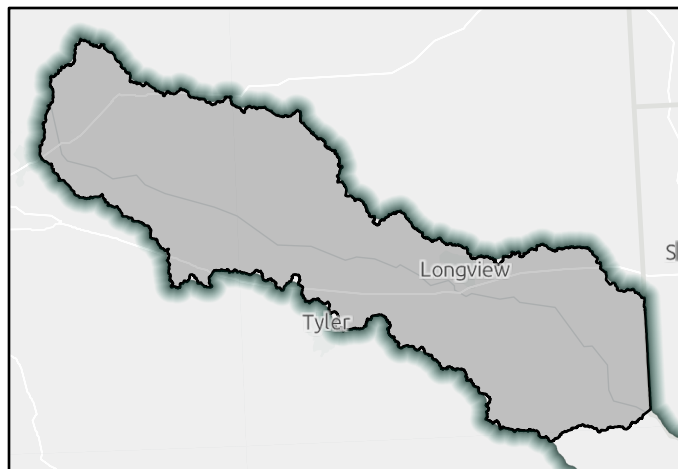
Impacts

Negative impacts? No Negative impacts description None

Water supply contributions? No Water supply contribution description -

Estimated Cost

Strategy Cost \$800,100 Amount of available funding \$0 % Nature-Based -



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known) Drainage area (mi², est.)

County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

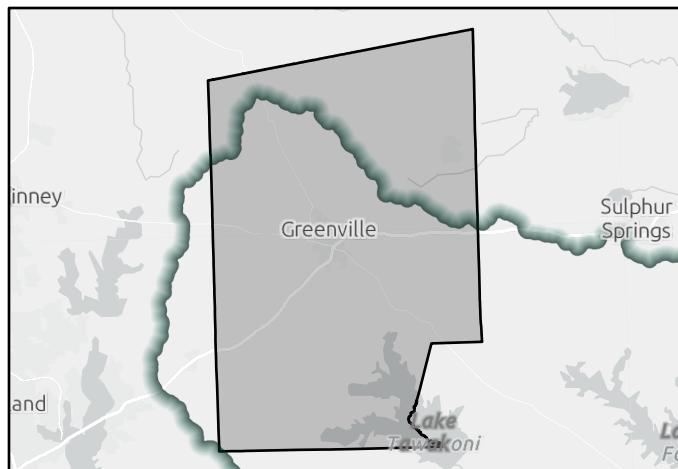
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known) Drainage area (mi², est.)

County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

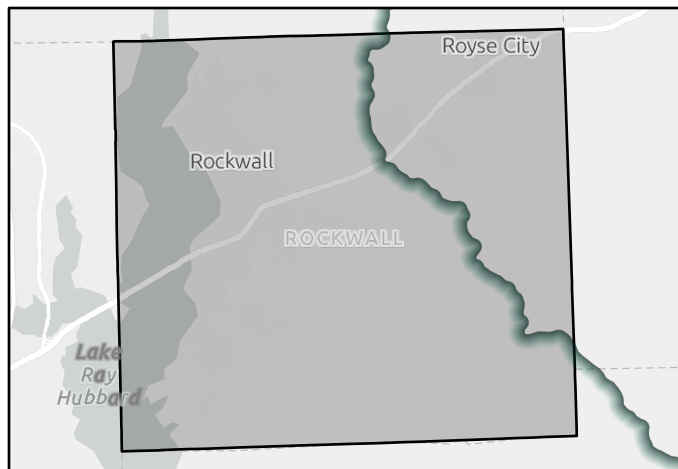
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known) Drainage area (mi², est.)

County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

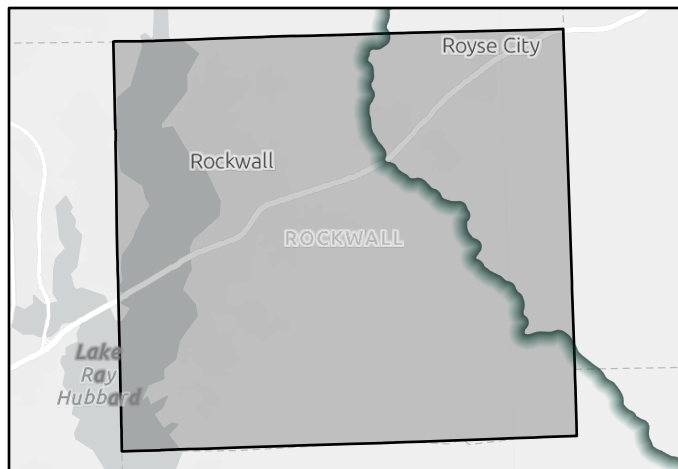
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known) Drainage area (mi², est.)

County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

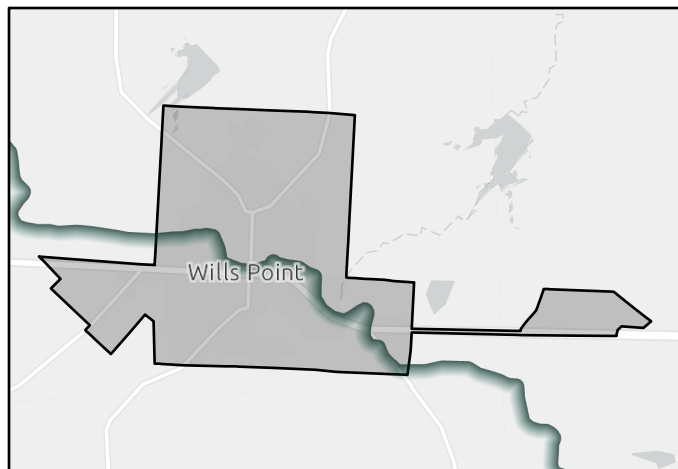
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title Kaufman County Regulation Standards to Protect Open Space Flood-Prone Areas

ID# 042000057 Sponsor Kaufman (County)

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Conduct program in conjunction with local communities to incorporate regulatory standards to protect open space flood-prone areas		
Associated FMEs	-	Associated FMPs	-
Associated FMSs	-	Drainage area (mi ² , est.)	805
Watershed HUC# (if known)	120100010501,120100010303,120100010404,120100010302,1201000104		County Kaufman, Van
Goal(s)	Goal 1: Increase number of communities with a comprehensive drainage policy and criteria manuals to reduce flood hazard encouragement and education to include 75% of the region's population.		

Existing 100-Year Flood Risk

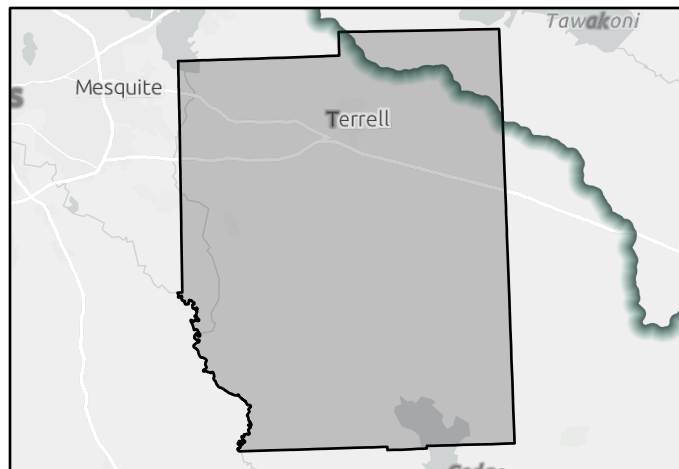
Population at risk	100	# of structures	79	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	2,567	Roadway(s) impacted (miles)	5		
Number of low water crossings	3	Historical road closures	3		

Impacts

Negative impacts?	No	Negative impacts description	None
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$100,000	Amount of available funding	\$0	% Nature-Based	-
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known) Drainage area (mi², est.)

County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

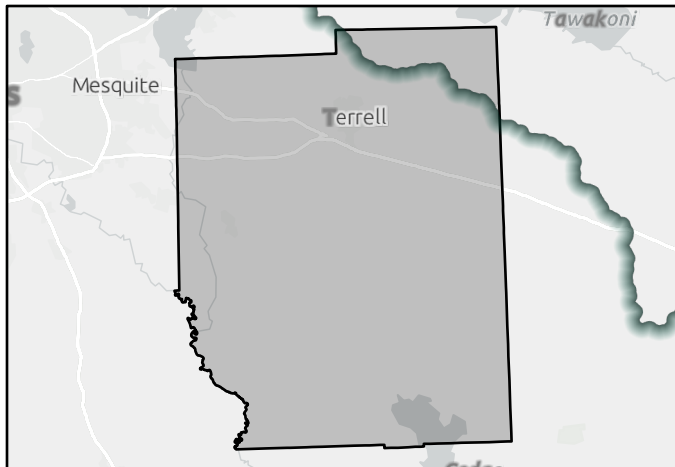
Impacts

Negative impacts? Negative impacts description

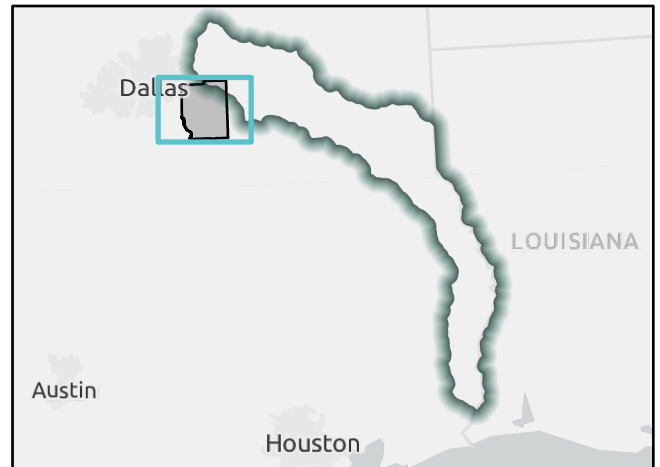
Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known) Drainage area (mi², est.)

County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

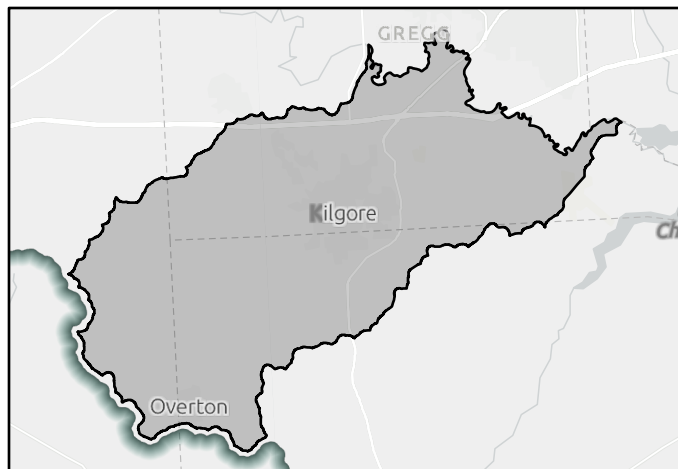
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known) Drainage area (mi², est.)

County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

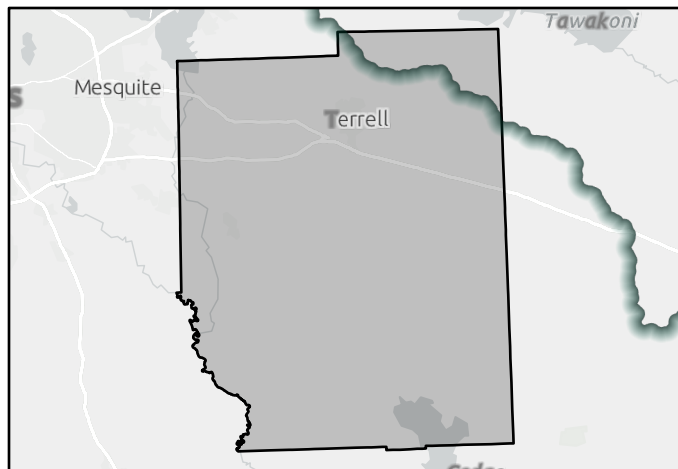
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known) Drainage area (mi², est.)

County

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

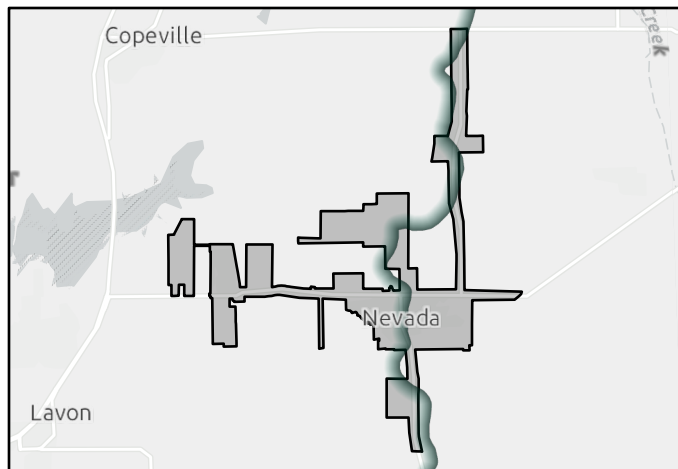
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FMEs Associated FMPs

Associated FMSs

Watershed HUC# (if known)	<input type="text" value="120100010407, 120100010504, 120100010503, 120100010601, 120100010501, 120100010507, 120100010502, 120100010603,"/>	Drainage area (mi ² , est.)	<input type="text" value="856"/>
		County	<input type="text" value="Smith,Kaufman,Van"/>

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

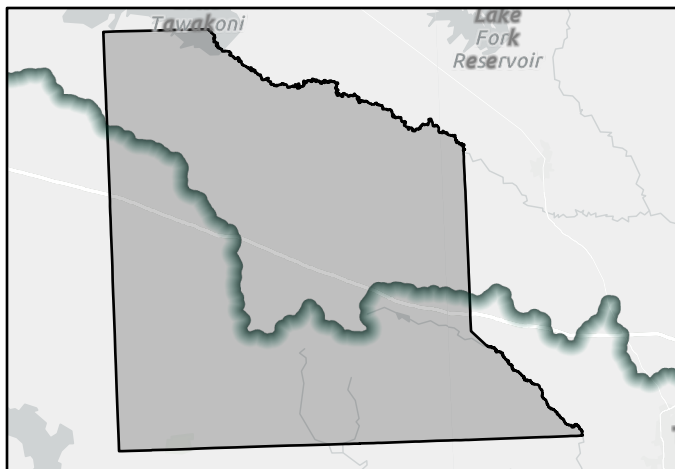
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

**APPENDIX 5-D
PROJECT DETAILS**

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Project Name	FMP	Project Description:	Flood Region	Project Type	General Project Data										Score 1: Severity - Pre-Project Average Depth of Flooding (100-year)			
					FIUP Project Category	Project Watershed	Rural Applicant	Project Cost	Benefit Cost Ratio	Cost per Structure Removed	Pre-Project Level-of-Service	Post-Project Level-of-Service	# of Structures in 1% Annual Chance FP (Pre-Project)	Project Status	Average Flood Depth (100yr)	Notes	Severity Ranking: Pre-Project Average Depth of Flooding (100-year)	Score 1
Terry Gully Regional Detention Pond 1	043000001	Proposed detention pond for flood mitigation	Sabine	Detention Pond	2	Lower Sabine	Yes	\$58,233,296	0.3	\$125,774	0	0	1,265	Planning	Baseline average flood depth>3.5ft			
Terry Gully Regional Detention Pond 2	043000002	Proposed detention pond for flood mitigation	Sabine	Detention Pond	2	Lower Sabine	Yes	\$17,395,035	0.2	\$228,882	0	0	1,265	Planning	Baseline average flood depth>3.5ft			
Terry Gully Regional Detention Pond 3	043000003	Proposed detention pond for flood mitigation	Sabine	Detention Pond	2	Lower Sabine	Yes	\$117,162,835	0.1	\$1,084,841	0	0	1,265	Planning	Baseline average flood depth>3.5ft			
Terry Gully Regional Detention Pond 4	043000004	Proposed detention pond for flood mitigation	Sabine	Detention Pond	2	Lower Sabine	Yes	\$75,887,300	0.1	\$1,244,054	0	0	1,265	Planning	Baseline average flood depth>3.5ft			
Claiborne Park Regional Detention Pond	043000005	Proposed detention pond for flood mitigation	Sabine	Detention Pond	2	Lower Sabine	Yes	\$153,996,224	0.2	\$2,053,282	0	0	3,336	Planning	Baseline average flood depth>3.5ft			
Kinard Estates Drainage Improvements	043000006	Proposed detention pond and local drainage improvements for flood mitigation	Sabine	Detention Pond	2	Lower Sabine	Yes	\$111,406,916	0.1	\$863,619	0	100	1,502	Planning	Baseline average flood depth>3.5ft			
Elevation of Feeder Road Along IH-10 at Cole Creek	043000007	Proposed roadway improvements for access to IH10 during flood events	Sabine	LWC Upgrade	2	Lower Sabine	Yes	\$1,404,527	0.1	\$0	0	0	0	Planning	Baseline average flood depth>1ft			
Lawrence Road Detention Pond	043000008	Expansion of existing detention pond	Sabine	Detention Pond	2	Lower Sabine	Yes	\$33,611,855	0.3	\$0	0	0	3,336	Planning	Baseline average flood depth>3.5ft			
Upper Cow Detention Pond	043000009	Proposed detention pond for flood mitigation	Sabine	Detention Pond	2	Lower Sabine	Yes	\$155,422,183	0.3	\$0	0	0	3,336	Planning	Baseline average flood depth>3.5ft			
Upper Adams Detention Pond	043000010	Proposed detention pond for flood mitigation	Sabine	Detention Pond	2	Lower Sabine	Yes	\$22,505,949	0.3	\$409,199	0	0	532	Planning	Baseline average flood depth>3.5ft			
Cole Creek Detention Pond	043000011	Proposed detention pond for flood mitigation	Sabine	Detention Pond	2	Lower Sabine	Yes	\$46,654,490	0.2	\$106,517	0	0	2,071	Planning	Baseline average flood depth>3.5ft			
CR-2400 Drainage Improvements	043000012	Two proposed bridge installations over creek crossing on County Road 2400 to reduce roadway overtopping during storm events. Includes some creek channel grading improvements.	Sabine	LWC Upgrade	2	Upper Sabine	Yes	\$9,826,000	0	\$0	0	0	2	Planning	Baseline average flood depth>3.5ft			
CR-2706 Drainage Improvements	043000013	Two proposed bridge installations over creek crossing on County Road 2706 to reduce roadway overtopping during storm events. A bridge class culvert, trapezoidal channel, and creek channel grading are also proposed.	Sabine	LWC Upgrade	2	Upper Sabine	Yes	\$7,041,000	0	\$0	0	0	3	Planning	Baseline average flood depth>3.5ft			
CR-3101 Drainage Improvements	043000014	Two proposed bridge installations over nearby creek crossings on County Road 3101 to reduce roadway overtopping during storm events. Includes some creek channel grading improvements.	Sabine	LWC Upgrade	2	Upper Sabine	Yes	\$6,444,000	0	\$0	0	0	2	Planning	Baseline average flood depth>3.5ft			
CR-4105 Drainage Improvements	043000015	Proposed bridge installation over creek crossing on County Road 4105 to reduce roadway overtopping during storm events. Includes side ditch grading improvements.	Sabine	LWC Upgrade	2	Upper Sabine	Yes	\$2,720,000	0	\$0	0	0	1	Planning	Baseline average flood depth>3.5ft			
CR-4106 Drainage Improvements	043000016	Two proposed bridge installations over creek crossing on County Road 4106 to reduce roadway overtopping during storm events. Includes some creek channel grading improvements directly under the proposed bridges.	Sabine	LWC Upgrade	2	Upper Sabine	Yes	\$2,553,000	0	\$0	0	0	5	Planning	Baseline average flood depth>3.5ft			
Sabine Pass to Galveston Bay Coastal Storm Risk Management Project	043000017	Program comprised of improvements and construction of new infrastructure currently being implemented to reduce the risk of storm surge impacts in Orange, Jefferson, and Brazoria Counties in Texas.	Sabine	Flood Walls and Levees	3	Lower Sabine	Yes	\$2,390,000,128	1.66999996	\$1,477,132	Unknown	Unknown	7,929	Planning	Baseline average flood depth>2ft	Baseline average flood depth > 2ft	8	

Project Name	Score 2: Severity - Community Need (% Population)					Score 3: Flood Risk Reduction					Score 4: Flood Damage Reduction					Score 5: Critical Facilities Damage Reduction				
	Communities Served by Project	Community Population Served	Flood Plain Population	Notes 2	Severity Ranking: Community Need (% Population)	Score 2	# of Structures Removed from 1% Annual Chance FP	Notes 3	Flood Risk Reduction	Score 3	# of Structures with Reduced 1% Annual Chance Flood Risk	Pre-Project Damage \$	Post-Project Damage \$	Notes 4	Flood Damage Reduction	Score 4	# of Critical Facilities Removed from 1% Annual Chance FP	Notes 5	Reduction in Critical Facilities Flood Risk	Score 5
Terry Gully Regional Detention Pond 1	1	3,481	2,949	85%	>75% of project community affected (by population)	10	463		Reduced risk to <50% of structures in floodplain	4	736						9		Reduced risk for <10% of critical facilities in floodplain	1
Terry Gully Regional Detention Pond 2	1	3,481	2,949	85%	>75% of project community affected (by population)	10	76		Reduced risk to <10% of structures in floodplain	1	545						8		Reduced risk for <10% of critical facilities in floodplain	1
Terry Gully Regional Detention Pond 3	1	3,481	2,949	85%	>75% of project community affected (by population)	10	108		Reduced risk to <10% of structures in floodplain	1	515						8		Reduced risk for <10% of critical facilities in floodplain	1
Terry Gully Regional Detention Pond 4	1	3,481	2,949	85%	>75% of project community affected (by population)	10	61		Reduced risk to <10% of structures in floodplain	1	459						8		Reduced risk for <10% of critical facilities in floodplain	1
Claiborne Park Regional Detention Pond	2	9,936	5,869	59%	50%-75% of project community affected	7	75		Reduced risk to <10% of structures in floodplain	1	592						8		Reduced risk for <50% of critical facilities in floodplain	4
Kinard Estates Drainage Improvements	1	5,700	4,663	82%	>75% of project community affected (by population)	10	129		Reduced risk to <10% of structures in floodplain	1	296						9		Reduced risk for <50% of critical facilities in floodplain	4
Elevation of Feeder Road Along IH-10 at Cole Creek	1	0	0	0%	>75% of project community affected (by population)	10	0		Reduced risk to 0 of structures in floodplain		0						0		Reduced risk for 0 structures in floodplain	0
Lawrence Road Detention Pond	2	9,936	5,869	59%	50%-75% of project community affected	7	124		Reduced risk to <10% of structures in floodplain	1	1153						0		Reduced risk for 0 structures in floodplain	0
Upper Cow Detention Pond	2	9,936	5,869	59%	50%-75% of project community affected	7	782		Reduced risk to <50% of structures in floodplain	4	0						0		Reduced risk for 0 structures in floodplain	0
Upper Adams Detention Pond	1	1,717	1,339	78%	>75% of project community affected (by population)	10	55		Reduced risk to <50% of structures in floodplain	4	314						8		Reduced risk for <10% of critical facilities in floodplain	1
Cole Creek Detention Pond	2	6,510	2,920	45%	25%-50% of project community affected	4	14		Reduced risk to <10% of structures in floodplain	1	351						8		Reduced risk for <10% of critical facilities in floodplain	1
CR-2400 Drainage Improvements	1	147	1	1%	<25% of project community affected	1	0		Reduced risk to 0 of structures in floodplain		0						0		Reduced risk to 0 structures in floodplain	
CR-2706 Drainage Improvements	1	173	7	4%	<25% of project community affected	1	0		Reduced risk to 0 of structures in floodplain		0						0		Reduced risk to 0 structures in floodplain	
CR-3101 Drainage Improvements	1	100	2	2%	<25% of project community affected	1	0		Reduced risk to <10% of structures in floodplain	1	1						0		Reduced risk to 0 structures in floodplain	
CR-4105 Drainage Improvements	1	136	2	1%	<25% of project community affected	1	0		Reduced risk to <10% of structures in floodplain	1	1						0		Reduced risk to 0 structures in floodplain	
CR-4106 Drainage Improvements	1	42	3	7%	<25% of project community affected	1	0		Reduced risk to <10% of structures in floodplain	1	1						0		Reduced risk to 0 structures in floodplain	
Sabine Pass to Galveston Bay Coastal Storm Risk Management Project	5	56,259	24,485	44%	25%-50% of project community affected	4	0		Reduced risk to <50% of structures in floodplain	4	0						9		Reduced risk for <10% of critical facilities in floodplain	1

Project Name	Score 6: Life and Safety				Score 7: Water Supply				Score 8: Social Vulnerability				Score 9: Nature-Based Solution				Score 10: Multiple Benefits				
	Adjusted Injury Risk (%)	Notes 6	Life and Safety Ranking (Injury/Loss of Life)	Score 6	Water Supply Benefit in Acre-Feet	SourceID	WMS_ID	Notes 7	Water Supply Yield Ranking	Score 7	SVI Score	Notes 8	Social Vulnerability Ranking	Score 8	% Nature Based Solution by Cost	Notes 9	Nature-Based Solutions Ranking	Score 9	Multiple Benefits Description	Notes 10	Multiple Benefit Ranking
Terry Gully Regional Detention Pond 1					0			No impact on water supply	0	0.28		SVI between 0.25-0.5 (low to moderate vulnerability)	4	0%		<25% of the project cost is nature-based	1	Environmental		Project delivers benefits in only 1 wider benefit category	1
Terry Gully Regional Detention Pond 2					0			No impact on water supply	0	0.28		SVI between 0.25-0.5 (low to moderate vulnerability)	4	0%		<25% of the project cost is nature-based	1	Environmental		Project delivers benefits in only 1 wider benefit category	1
Terry Gully Regional Detention Pond 3					0			No impact on water supply	0	0.28		SVI between 0.25-0.5 (low to moderate vulnerability)	4	0%		<25% of the project cost is nature-based	1	Environmental		Project delivers benefits in only 1 wider benefit category	1
Terry Gully Regional Detention Pond 4	41.25				0			No impact on water supply	0	0.28		SVI between 0.25-0.5 (low to moderate vulnerability)	4	0%		<25% of the project cost is nature-based	1	Environmental		Project delivers benefits in only 1 wider benefit category	1
Claiborne Park Regional Detention Pond	52.5				0			No impact on water supply	0	0.33		SVI between 0.25-0.5 (low to moderate vulnerability)	4	0%		<25% of the project cost is nature-based	1	Environmental		Project delivers benefits in only 1 wider benefit category	1
Kinard Estates Drainage Improvements	26.25				0			No impact on water supply	0	0.30		SVI between 0.25-0.5 (low to moderate vulnerability)	4	0%		<25% of the project cost is nature-based	1	Environmental		Project delivers benefits in only 1 wider benefit category	1
Elevation of Feeder Road Along IH-10 at Cole Creek	12.5				0			No impact on water supply	0	0.18		SVI between 0.01-0.25 (low vulnerability)	1	0%		<25% of the project cost is nature-based	1	Transportation		Project delivers benefits in only 1 wider benefit category	1
Lawrence Road Detention Pond	45.75				0			No impact on water supply	0	0.33		SVI between 0.25-0.5 (low to moderate vulnerability)	4	0%		<25% of the project cost is nature-based	1	Environmental		Project delivers benefits in only 1 wider benefit category	1
Upper Cow Detention Pond	26.25				0			No impact on water supply	0	0.33		SVI between 0.25-0.5 (low to moderate vulnerability)	4	0%		<25% of the project cost is nature-based	1	Environmental		Project delivers benefits in only 1 wider benefit category	1
Upper Adams Detention Pond	27				0			No impact on water supply	0	0.29		SVI between 0.25-0.5 (low to moderate vulnerability)	4	0%		<25% of the project cost is nature-based	1	Environmental		Project delivers benefits in only 1 wider benefit category	1
Cole Creek Detention Pond	26.25				0			No impact on water supply	0	0.36		SVI between 0.25-0.5 (low to moderate vulnerability)	4	0%		<25% of the project cost is nature-based	1	Environmental		Project delivers benefits in only 1 wider benefit category	1
CR-2400 Drainage Improvements	0				0			No impact on water supply	0	0.18		SVI between 0.01-0.25 (low vulnerability)	1	0%		<25% of the project cost is nature-based	1	Transportation		Project delivers benefits in only 1 wider benefit category	1
CR-2706 Drainage Improvements	0				0			No impact on water supply	0	0.26		SVI between 0.25-0.5 (low to moderate vulnerability)	4	0%		<25% of the project cost is nature-based	1	Transportation		Project delivers benefits in only 1 wider benefit category	1
CR-3101 Drainage Improvements	0				0			No impact on water supply	0	0.34		SVI between 0.25-0.5 (low to moderate vulnerability)	4	0%		<25% of the project cost is nature-based	1	Transportation		Project delivers benefits in only 1 wider benefit category	1
CR-4105 Drainage Improvements	0				0			No impact on water supply	0	0.52		SVI between 0.5-0.75 (moderate to high vulnerability)	7	0%		<25% of the project cost is nature-based	1	Transportation		Project delivers benefits in only 1 wider benefit category	1
CR-4106 Drainage Improvements	0				0			No impact on water supply	0	0.39		SVI between 0.25-0.5 (low to moderate vulnerability)	4	0%		<25% of the project cost is nature-based	1	Transportation		Project delivers benefits in only 1 wider benefit category	1
Sabine Pass to Galveston Bay Coastal Storm Risk Management Project	52.5				0			No impact on water supply	0	0.81		SVI between 0.75-1.00 (high vulnerability)	10	0%		<25% of the project cost is nature-based	1	Environmental		Project delivers benefits in only 1 wider benefit category	1

Project Name	Score 11: O&M			Score 12: Admin, Regulatory Obstacles			Score 13: Environmental Benefit			Score 14: Environmental Impact			Score 15: Mobility			Score 16: Regional				
	O&M Cost (Annual)	Notes 11	Operations and Maintenance Ranking	Score 11	Notes 12	Administrative, Regulatory and Other Obstacle Ranking	Score 12	Notes 13	Environmental Benefit Ranking	Score 13	Notes 14	Environmental Impact Ranking	Score 14	Traffic Count for LWC Project	Notes 15	Mobility Ranking	Score 15	Project Count	Regional Ranking	Score 16
Terry Gully Regional Detention Pond 1	\$ 10,000		Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)			Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)			Project will deliver a low level of environmental benefits (1 category)			Project has no adverse environmental impacts	10	0				33	Project region has recommended <10% of total projects	10
Terry Gully Regional Detention Pond 2	\$ 10,000		Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)			Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)			Project will deliver a low level of environmental benefits (1 category)	3		Project has no adverse environmental impacts	10	0				33	Project region has recommended <10% of total projects	10
Terry Gully Regional Detention Pond 3	\$ 10,000		Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)			Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)			Project will deliver a low level of environmental benefits (1 category)			Project has no adverse environmental impacts	10	0				33	Project region has recommended <10% of total projects	10
Terry Gully Regional Detention Pond 4	\$ 10,000		Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)			Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)			Project will deliver a low level of environmental benefits (1 category)	3		Project has no adverse environmental impacts	10	0				33	Project region has recommended <10% of total projects	10
Claiborne Park Regional Detention Pond	\$ 10,000		Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)			Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)			Project will deliver a low level of environmental benefits (1 category)	3		Project has no adverse environmental impacts	10	0				33	Project region has recommended <10% of total projects	10
Kinard Estates Drainage Improvements	\$ 10,000		Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)			Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)			Project will deliver a low level of environmental benefits (1 category)	3		Project has no adverse environmental impacts	10	0				33	Project region has recommended <10% of total projects	10
Elevation of Feeder Road Along IH-10 at Cole Creek	\$ -		Project will not require any ongoing operations and maintenance (low)			Project will not require any ongoing operations and maintenance (low)			Project does not provide any environmental benefits	0		Project has no adverse environmental impacts	10	860				33	Project region has recommended <10% of total projects	10
Lawrence Road Detention Pond	\$ 10,000		Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)			Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)			Project will deliver a low level of environmental benefits (1 category)	3		Project has no adverse environmental impacts	10	860				33	Project region has recommended <10% of total projects	10
Upper Cow Detention Pond	\$ 10,000		Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)			Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)			Project will deliver a low level of environmental benefits (1 category)	3		Project has no adverse environmental impacts	10	0				33	Project region has recommended <10% of total projects	10
Upper Adams Detention Pond	\$ 10,000		Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)			Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)			Project will deliver a low level of environmental benefits (1 category)	3		Project has no adverse environmental impacts	10	0				33	Project region has recommended <10% of total projects	10
Cole Creek Detention Pond	\$ 10,000		Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)			Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)			Project will deliver a low level of environmental benefits (1 category)	3		Project has no adverse environmental impacts	10	0				33	Project region has recommended <10% of total projects	10
CR-2400 Drainage Improvements	\$ -		Project will not require any ongoing operations and maintenance (low)			Project will not require any ongoing operations and maintenance (low)			Project does not provide any environmental benefits	0		Project has no adverse environmental impacts	10	0				33	Project region has recommended <10% of total projects	10
CR-2706 Drainage Improvements	\$ -		Project will not require any ongoing operations and maintenance (low)			Project will not require any ongoing operations and maintenance (low)			Project does not provide any environmental benefits	0		Project has no adverse environmental impacts	10	0				33	Project region has recommended <10% of total projects	10
CR-3101 Drainage Improvements	\$ -		Project will not require any ongoing operations and maintenance (low)			Project will not require any ongoing operations and maintenance (low)			Project does not provide any environmental benefits	0		Project has no adverse environmental impacts	10	0				33	Project region has recommended <10% of total projects	10
CR-4105 Drainage Improvements	\$ -		Project will not require any ongoing operations and maintenance (low)			Project will not require any ongoing operations and maintenance (low)			Project does not provide any environmental benefits	0		Project has no adverse environmental impacts	10	0				33	Project region has recommended <10% of total projects	10
CR-4106 Drainage Improvements	\$ -		Project will not require any ongoing operations and maintenance (low)			Project will not require any ongoing operations and maintenance (low)			Project does not provide any environmental benefits	0		Project has no adverse environmental impacts	10	0				33	Project region has recommended <10% of total projects	10
Sabine Pass to Galveston Bay Coastal Storm Risk Management Project	\$ 195,000		Project will require ongoing operation and maintenance outside of the owner's regular maintenance practices; long-term O&M requirements are undefined; and/or high annual O&M cost > 1% of project (high);	4		Project will require ongoing operation and maintenance outside of the owner's regular maintenance practices; long-term O&M requirements are undefined; and/or high annual O&M cost > 1% of project (high);			Project will deliver a high level of environmental benefits (4+ categories)	10		Project has no adverse environmental impacts	10	0				33	Project region has recommended <10% of total projects	10

General Project Data														Score 1: Severity - Pre-Project Average Depth of Flooding (100-year)				
Project Name	FMP	Project Description:	Flood Region	Project Type	FIUP Project Category	Project Watershed	Rural Applicant	Project Cost	Benefit Cost Ratio	Cost per Structure Removed	Pre-Project Level-of-Service	Post-Project Level-of-Service	# of Structures in 1% Annual Chance FP (Pre-Project)	Project Status	Average Flood Depth (100yr)	Notes	Severity Ranking: Pre-Project Average Depth of Flooding (100-year)	Score 1
Kilgore Downtown Storm Sewer Master Plan Improvements	043000018	Downtown Storm Sewer Improvements	Sabine	Storm Drain	2	Middle Sabine	No	\$2,242,305	0.01	\$0	Unknown	Unknown	0	Design		Baseline average flood depth<0.5ft	Baseline average flood depth > 2ft	8
Parker Creek Maintenance	043000020	Remove debris and clear channel South of Hwy 59 to Five Notch Rd	Sabine	Channel	2	Middle Sabine	Yes	\$427,125	0.1	\$0	0	0	465	Planning		Baseline average flood depth>2ft		
Turtle Creek Maintenance	043000021	Remove debris and clear channel West of Hwy 59	Sabine	Channel	2	Middle Sabine	Yes	\$63,750	0	\$0	0	0	465	Planning		Baseline average flood depth>2ft		
Upper Happy Hollow Drainage Improvement - City Park	043000022	Improve Drainage Walls - Carter thru City Park	Sabine	Channel	2	Middle Sabine	Yes	\$1,367,494	0	\$0	0	0	465	Planning		Baseline average flood depth>2ft		
Parker Creek Detention Pond	043000023	Detention pond by UPRR	Sabine	Detention Pond	2	Middle Sabine	Yes	\$0	0.1	\$0	0	0	465	Planning		Baseline average flood depth>2ft		
Upper Happy Hollow Drainage Improvement - Smith Park	043000024	Drainage improvement through Smith Park	Sabine	Channel	2	Middle Sabine	Yes	\$685,598	0.1	\$76,178	0	0	465	Planning		Baseline average flood depth>2ft		
Parker Creek Improvements	043000025	Improvements through downtown	Sabine	Channel	2	Middle Sabine	Yes	\$2,435,399	0.1	\$81,180	0	0	465	Planning		Baseline average flood depth>2ft		
City of Longview Property Acquisition Program	043000026	Implementation of program to purchase properties and repetitive loss homes in floodplain areas to reserve them from development.	Sabine	Property Acquisition	2	Middle Sabine	No	\$759,828	0.6	\$189,957	0	0	1,520	Planning		Baseline average flood depth>3.5ft		
City of Kilgore Property Acquisition	043000027	Implementation of program to purchase properties and repetitive loss homes in floodplain areas to reserve them from development.	Sabine	Property Acquisition	2	Middle Sabine	No	\$64,351,367	3.2	\$292,508	0	0	517	Planning		Baseline average flood depth>3.5ft		
Orange County Property Acquisition	043000029	Acquire flood prone/repetitive loss properties and convert to open space, parks, boating access, trails, agricultural projects, and/or as a general community asset.	Sabine	Property Acquisition	2	Lower Sabine	Yes	\$0	0	\$0	0	0	16,974	Planning		Baseline average flood depth>3.5ft		
Orange County Elevation of Residential Structures Program	043000030	Elevations of homes within Floodplains throughout County.	Sabine	Property Elevation	2	Lower Sabine	Yes	\$0	0	\$0	0	0	16,974	Planning		Baseline average flood depth>3.5ft		
Bighead Creek Flooding - Roadway Improvements to Stone Road	043000031	Proposed drainage improvements near Bighead Creek	Sabine	LWC Upgrade	2	Middle Sabine	No	\$0	0	\$0	0	0	517	Planning		0		
Harris Creek Tributary Flooding	043000032	Proposed drainage improvements near Harris Creek	Sabine	Channel	2	Middle Sabine	No	\$0	0	\$0	0	0	1,520	Planning		Baseline average flood depth<0.5ft		
Iron Bridge Creek Neighborhood Flooding	043000033	Proposed drainage improvements near Iron Bridge Creek	Sabine	Detention Pond	2	Middle Sabine	No	\$0	0	\$0	0	0	1,520	Planning		Baseline average flood depth>0.5ft		
CR-342 Drainage Improvements	043000034	Proposed bridge installation over creek crossing on County Road 342 to reduce roadway overtopping during storm events.	Sabine	LWC Upgrade	2	Upper Sabine	Yes	\$0	0	\$0	0	0	0	Planning		Baseline average flood depth>3.5ft		
Sabine Flood Measurement Gages	043000035	Install flood measurement gages in Upper Sabine Basin	Sabine	Flood Measurement and Warning	2	Lower Sabine	Yes	\$800,100	1	\$0	0	0	12,591	Planning		Baseline average flood depth>3.5ft		
																0		

Project Name	Score 2: Severity - Community Need (% Population)					Score 3: Flood Risk Reduction					Score 4: Flood Damage Reduction					Score 5: Critical Facilities Damage Reduction				
	Communities Served by Project	Community Population Served	Flood Plain Population	Notes 2	Severity Ranking: Community Need (% Population)	Score 2	# of Structures Removed from 1% Annual Chance FP	Notes 3	Flood Risk Reduction	Score 3	# of Structures with Reduced 1% Annual Chance Flood Risk	Pre-Project Damage \$	Post-Project Damage \$	Notes 4	Flood Damage Reduction	Score 4	# of Critical Facilities Removed from 1% Annual Chance FP	Notes 5	Reduction in Critical Facilities Flood Risk	Score 5
Kilgore Downtown Storm Sewer Master Plan Improvements	1	723	0	0%	<25% of project community affected	1	0		Reduced risk to 0 structures in floodplain	0	0						0		Reduced risk for 0 structures in floodplain	0
Parker Creek Maintenance	1	13,141	4,657	35%	25%-50% of project community affected	4	0		Reduced risk to 0 of structures in floodplain	0	0						0		Reduced risk for 0 structures in floodplain	0
Turtle Creek Maintenance	1	13,141	4,657	35%	25%-50% of project community affected	4	0		Reduced risk to 0 of structures in floodplain	0	0						0		Reduced risk for 0 structures in floodplain	0
Upper Happy Hollow Drainage Improvement - City Park	1	13,141	4,657	35%	25%-50% of project community affected	4	0		Reduced risk to 0 of structures in floodplain	13	0						0		Reduced risk for 0 structures in floodplain	0
Parker Creek Detention Pond	1	13,141	4,657	35%	25%-50% of project community affected	4	0		Reduced risk to <10% of structures in floodplain	1	0						0		Reduced risk for 0 structures in floodplain	0
Upper Happy Hollow Drainage Improvement - Smith Park	1	13,141	4,657	35%	25%-50% of project community affected	4	9		Reduced risk to <10% of structures in floodplain	1	14						0		Reduced risk for 0 structures in floodplain	0
Parker Creek Improvements	1	13,141	4,657	35%	25%-50% of project community affected	4	2		Reduced risk to <10% of structures in floodplain	1	30						0		Reduced risk for 0 structures in floodplain	0
City of Longview Property Acquisition Program	4	86,180	12,674	15%	<25% of project community affected	1	4		Reduced risk to <10% of structures in floodplain	1	4						0		Reduced risk for 0 structures in floodplain	0
City of Kilgore Property Acquisition	4	26,225	1,891	7%	<25% of project community affected	1	22		Reduced risk to <10% of structures in floodplain	1	22						0		Reduced risk for 0 structures in floodplain	0
Orange County Property Acquisition	5	54,141	44,427	82%	>75% of project community affected (by population)	10	4		Reduced risk to <10% of structures in floodplain	1	0						0		Reduced risk for 0 structures in floodplain	0
Orange County Elevation of Residential Structures Program	5	54,141	44,427	82%	>75% of project community affected (by population)	10	0		Reduced risk to 0 of structures in floodplain	0	0						0		Reduced risk for 0 structures in floodplain	0
Bighead Creek Flooding - Roadway Improvements to Stone Road	4	26,225	1,891	7%	<25% of project community affected	1	0		0	0	0						0		0	0
Harris Creek Tributary Flooding	4	86,180	12,674	15%	<25% of project community affected	1	0		0	0	0						0		0	0
Iron Bridge Creek Neighborhood Flooding	4	86,180	12,674	15%	<25% of project community affected	1	0		Reduced risk to <50% of structures in floodplain	4	0						0		Reduced risk for 0 structures in floodplain	0
CR-342 Drainage Improvements	1	20	0	0%	<25% of project community affected	1	0		Reduced risk to <10% of structures in floodplain	1	0						0		Reduced risk to 0 structures in floodplain	0
Sabine Flood Measurement Gages	71	571,027	43,502	8%	<25% of project community affected	1	0		Reduced risk to 0 of structures in floodplain	0	0						0		Reduced risk for 0 structures in floodplain	0
							0			0	0						0			0

Project Name	Score 6: Life and Safety				Score 7: Water Supply				Score 8: Social Vulnerability				Score 9: Nature-Based Solution				Score 10: Multiple Benefits				
	Adjusted Injury Risk (%)	Notes 6	Life and Safety Ranking (Injury/Loss of Life)	Score 6	Water Supply Benefit in Acre-Feet	SourceID	WMS_ID	Notes 7	Water Supply Yield Ranking	Score 7	SVI Score	Notes 8	Social Vulnerability Ranking	Score 8	% Nature Based Solution by Cost	Notes 9	Nature-Based Solutions Ranking	Score 9	Multiple Benefits Description	Notes 10	Multiple Benefit Ranking
Kilgore Downtown Storm Sewer Master Plan Improvements	17.5				0			No impact on water supply	0	0.96		SVI between 0.75-1.00 (high vulnerability)	10	0%		<25% of the project cost is nature-based	1	Transportation		Project delivers benefits in only 1 wider benefit category	1
Parker Creek Maintenance	#REF!				0			No impact on water supply	0	0.67		SVI between 0.5-0.75 (moderate to high vulnerability)	7	0%		<25% of the project cost is nature-based	1	0		Project does not deliver any wider benefits	0
Turtle Creek Maintenance	38				0			No impact on water supply	0	0.67		SVI between 0.5-0.75 (moderate to high vulnerability)	7	0%		<25% of the project cost is nature-based	1	0		Project does not deliver any wider benefits	0
Upper Happy Hollow Drainage Improvement - City Park	38				0			No impact on water supply	0	0.67		SVI between 0.5-0.75 (moderate to high vulnerability)	7	0%		<25% of the project cost is nature-based	1	0		Project does not deliver any wider benefits	0
Parker Creek Detention Pond	38				0			No impact on water supply	0	0.67		SVI between 0.5-0.75 (moderate to high vulnerability)	7	0%		<25% of the project cost is nature-based	1	Environmental		Project does not deliver any wider benefits	0
Upper Happy Hollow Drainage Improvement - Smith Park	38				0			No impact on water supply	0	0.67		SVI between 0.5-0.75 (moderate to high vulnerability)	7	0%		<25% of the project cost is nature-based	1	0		Project does not deliver any wider benefits	0
Parker Creek Improvements	38				0			No impact on water supply	0	0.67		SVI between 0.5-0.75 (moderate to high vulnerability)	7	0%		<25% of the project cost is nature-based	1	0		Project does not deliver any wider benefits	0
City of Longview Property Acquisition Program	38				0			No impact on water supply	0	0.67		SVI between 0.5-0.75 (moderate to high vulnerability)	7	0%		<25% of the project cost is nature-based	1	0		Project does not deliver any wider benefits	0
City of Kilgore Property Acquisition	0				0			No impact on water supply	0	0.59		SVI between 0.5-0.75 (moderate to high vulnerability)	7	0%		<25% of the project cost is nature-based	1	0		Project does not deliver any wider benefits	0
Orange County Property Acquisition	0				0			No impact on water supply	0	0.43		SVI between 0.25-0.5 (low to moderate vulnerability)	4	0%		<25% of the project cost is nature-based	1	Environmental		Project delivers benefits in only 1 wider benefit category	1
Orange County Elevation of Residential Structures Program	0				0			No impact on water supply	0	0.43		SVI between 0.25-0.5 (low to moderate vulnerability)	4	0%		<25% of the project cost is nature-based	1	Environmental		Project delivers benefits in only 1 wider benefit category	1
Bighead Creek Flooding - Roadway Improvements to Stone Road	52.5				0			No impact on water supply	0	0.59		SVI between 0.5-0.75 (moderate to high vulnerability)	7	0%		<25% of the project cost is nature-based	1	Transportation		Project delivers benefits in only 1 wider benefit category	1
Harris Creek Tributary Flooding	52.5				0			No impact on water supply	0	0.59		SVI between 0.5-0.75 (moderate to high vulnerability)	7	0%		<25% of the project cost is nature-based	1	Transportation		Project delivers benefits in only 1 wider benefit category	1
Iron Bridge Creek Neighborhood Flooding	0				0			No impact on water supply	0	0.59		SVI between 0.5-0.75 (moderate to high vulnerability)	7	0%		<25% of the project cost is nature-based	1	Transportation		Project delivers benefits in only 1 wider benefit category	1
CR-342 Drainage Improvements	0				0			No impact on water supply	0	0.44		SVI between 0.25-0.5 (low to moderate vulnerability)	4	0%		<25% of the project cost is nature-based	1	Transportation		Project delivers benefits in only 1 wider benefit category	1
Sabine Flood Measurement Gages	0				0			No impact on water supply	0	0.54		SVI between 0.5-0.75 (moderate to high vulnerability)	7	0%		<25% of the project cost is nature-based	1	0		Project does not deliver any wider benefits	0
	0				0					0.00		0		0%		<25% of the project cost is nature-based	1	0		Project does not deliver any wider benefits	0

Project Name	Score 11: O&M			Score 12: Admin, Regulatory Obstacles			Score 13: Environmental Benefit			Score 14: Environmental Impact			Score 15: Mobility			Score 16: Regional				
	O&M Cost (Annual)	Notes 11	Operations and Maintenance Ranking	Score 11	Notes 12	Administrative, Regulatory and Other Obstacle Ranking	Score 12	Notes 13	Environmental Benefit Ranking	Score 13	Notes 14	Environmental Impact Ranking	Score 14	Traffic Count for LWC Project	Notes 15	Mobility Ranking	Score 15	Project Count	Regional Ranking	Score 16
Kilgore Downtown Storm Sewer Master Plan Improvements	\$ -		Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7		Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);			Project does not provide any environmental benefits	0		Project has no adverse environmental impacts	10	0				33	Project region has recommended <10% of total projects	10
Parker Creek Maintenance	\$ -		Project will not require any ongoing operations and maintenance (low)			Project will not require any ongoing operations and maintenance (low)			Project does not provide any environmental benefits	0		Project has no adverse environmental impacts	10	0				33	Project region has recommended <10% of total projects	10
Turtle Creek Maintenance	\$ -		Project will not require any ongoing operations and maintenance (low)			Project will not require any ongoing operations and maintenance (low)			Project does not provide any environmental benefits	0		Project has no adverse environmental impacts	10	0				33	Project region has recommended <10% of total projects	10
Upper Happy Hollow Drainage Improvement - City Park	\$ -		Project will not require any ongoing operations and maintenance (low)			Project will not require any ongoing operations and maintenance (low)			Project does not provide any environmental benefits	0		Project has no adverse environmental impacts	10	0				33	Project region has recommended <10% of total projects	10
Parker Creek Detention Pond	\$ -		Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)			Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)			Project will deliver a low level of environmental benefits (1 category)	3		Project has no adverse environmental impacts	10	0				33	Project region has recommended <10% of total projects	10
Upper Happy Hollow Drainage Improvement - Smith Park	\$ -		Project will not require any ongoing operations and maintenance (low)			Project will not require any ongoing operations and maintenance (low)			Project does not provide any environmental benefits	0		Project has no adverse environmental impacts	10	0				33	Project region has recommended <10% of total projects	10
Parker Creek Improvements	\$ -		Project will not require any ongoing operations and maintenance (low)			Project will not require any ongoing operations and maintenance (low)			Project does not provide any environmental benefits	0		Project has no adverse environmental impacts	10	0				33	Project region has recommended <10% of total projects	10
City of Longview Property Acquisition Program	\$ -		Project will not require any ongoing operations and maintenance (low)			Project will not require any ongoing operations and maintenance (low)			Project will deliver a low level of environmental benefits (1 category)	3		Project has no adverse environmental impacts	10	0				33	Project region has recommended <10% of total projects	10
City of Kilgore Property Acquisition	\$ -		Project will not require any ongoing operations and maintenance (low)			Project will not require any ongoing operations and maintenance (low)			Project will deliver a low level of environmental benefits (1 category)	3		Project has no adverse environmental impacts	10	0				33	Project region has recommended <10% of total projects	10
Orange County Property Acquisition	\$ -		Project will not require any ongoing operations and maintenance (low)			Project will not require any ongoing operations and maintenance (low)			Project will deliver a low level of environmental benefits (1 category)	3		Project has no adverse environmental impacts	10	999999				33	Project region has recommended <10% of total projects	10
Orange County Elevation of Residential Structures Program	\$ -		Project will not require any ongoing operations and maintenance (low)			Project will not require any ongoing operations and maintenance (low)			Project will deliver a low level of environmental benefits (1 category)	3		Project has no adverse environmental impacts	10	999999				33	Project region has recommended <10% of total projects	10
Bighead Creek Flooding - Roadway Improvements to Stone Road	\$ -		Project will not require any ongoing operations and maintenance (low)			Project will not require any ongoing operations and maintenance (low)			Project does not provide any environmental benefits	0		Project has no adverse environmental impacts	10	0				33	Project region has recommended <10% of total projects	10
Harris Creek Tributary Flooding	\$ -		Project will not require any ongoing operations and maintenance (low)			Project will not require any ongoing operations and maintenance (low)			Project does not provide any environmental benefits	0		Project has no adverse environmental impacts	10	0				33	Project region has recommended <10% of total projects	10
Iron Bridge Creek Neighborhood Flooding	\$ -		Project will not require any ongoing operations and maintenance (low)			Project will not require any ongoing operations and maintenance (low)			Project does not provide any environmental benefits	0		Project has no adverse environmental impacts	10	0				33	Project region has recommended <10% of total projects	10
CR-342 Drainage Improvements	\$ -		Project will not require any ongoing operations and maintenance (low)			Project will not require any ongoing operations and maintenance (low)			Project does not provide any environmental benefits	0		Project has no adverse environmental impacts	10	0				33	Project region has recommended <10% of total projects	10
Sabine Flood Measurement Gages	\$ -		Project will not require any ongoing operations and maintenance (low)			Project will not require any ongoing operations and maintenance (low)			Project does not provide any environmental benefits	0		Project has no adverse environmental impacts	10	0				33	Project region has recommended <10% of total projects	10
	\$ -		0			0			0			Project has no adverse environmental impacts	10	0				0	Project region has recommended <10% of total projects	10