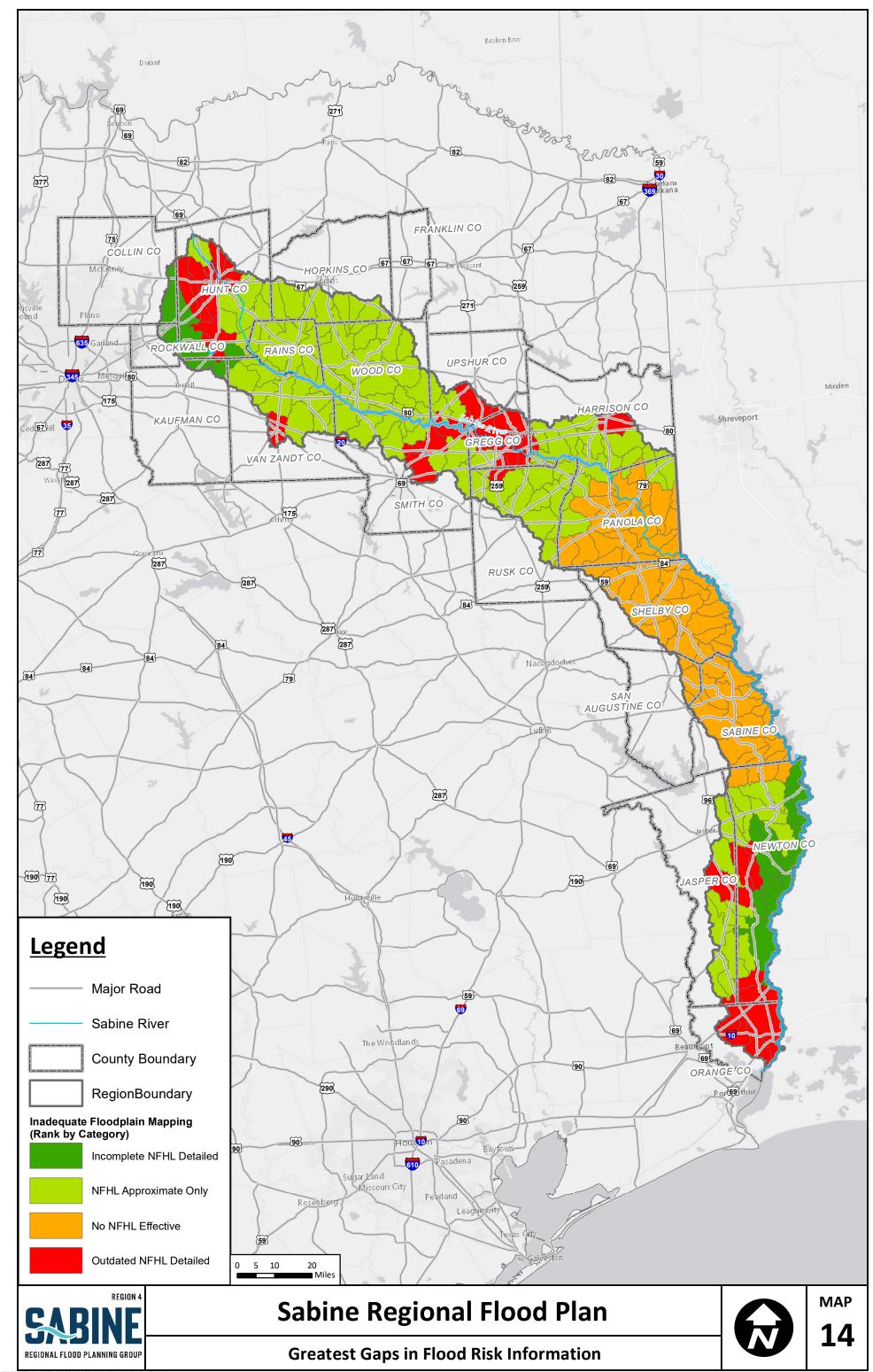
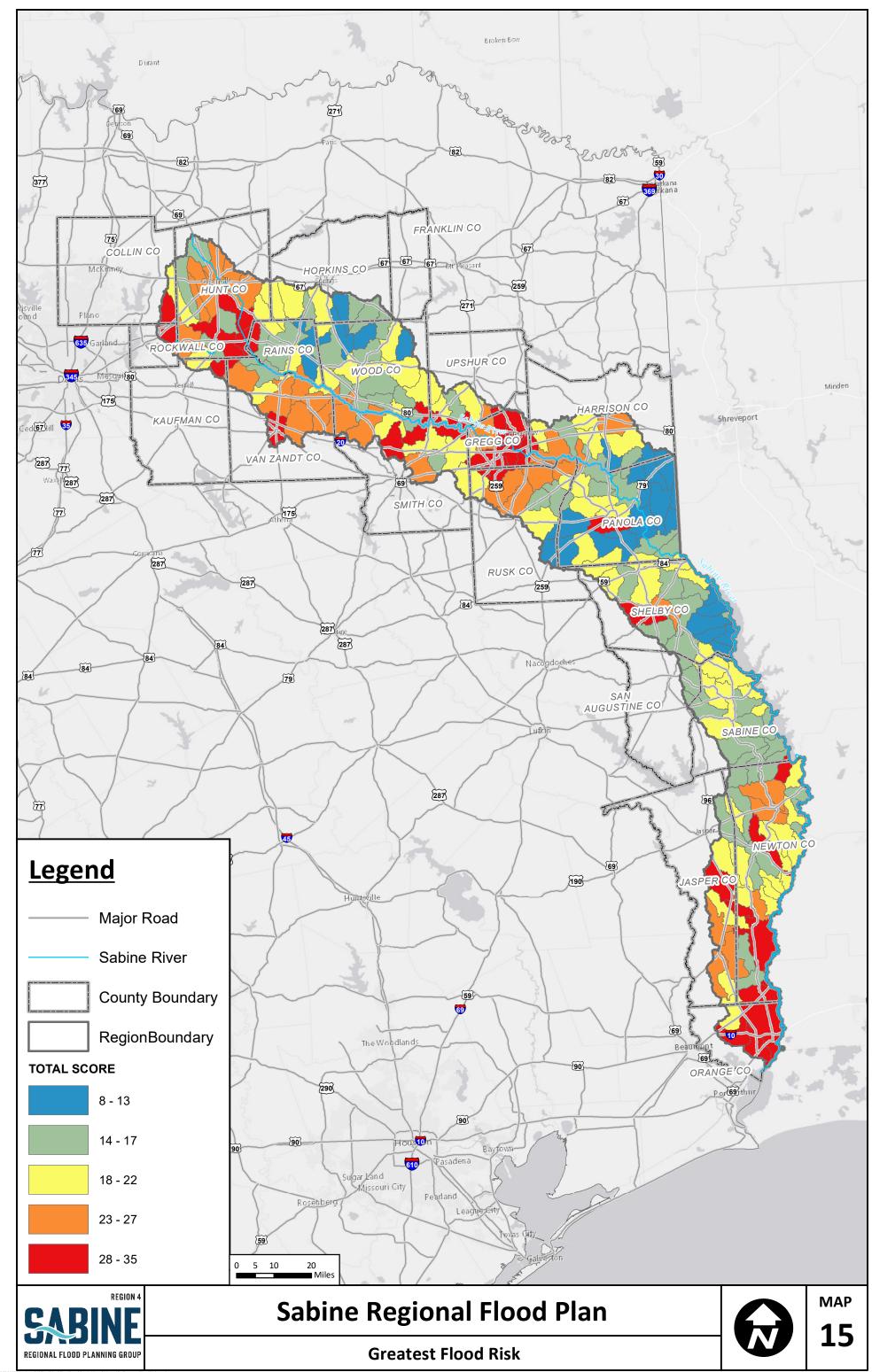
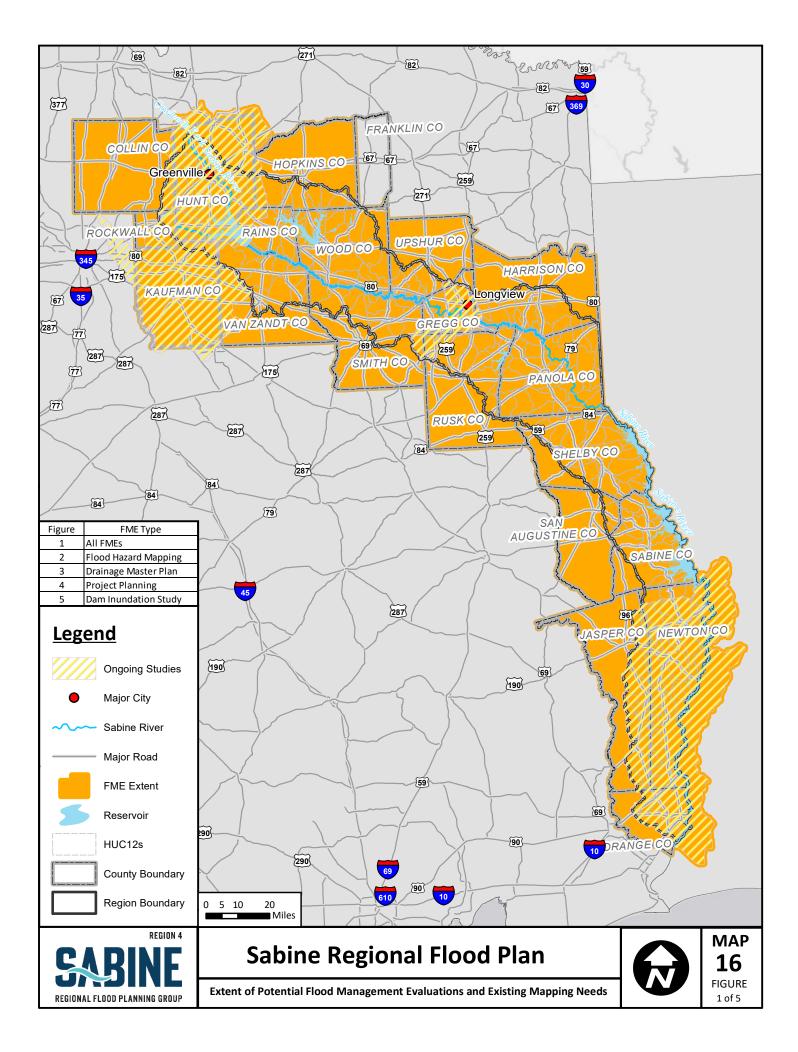
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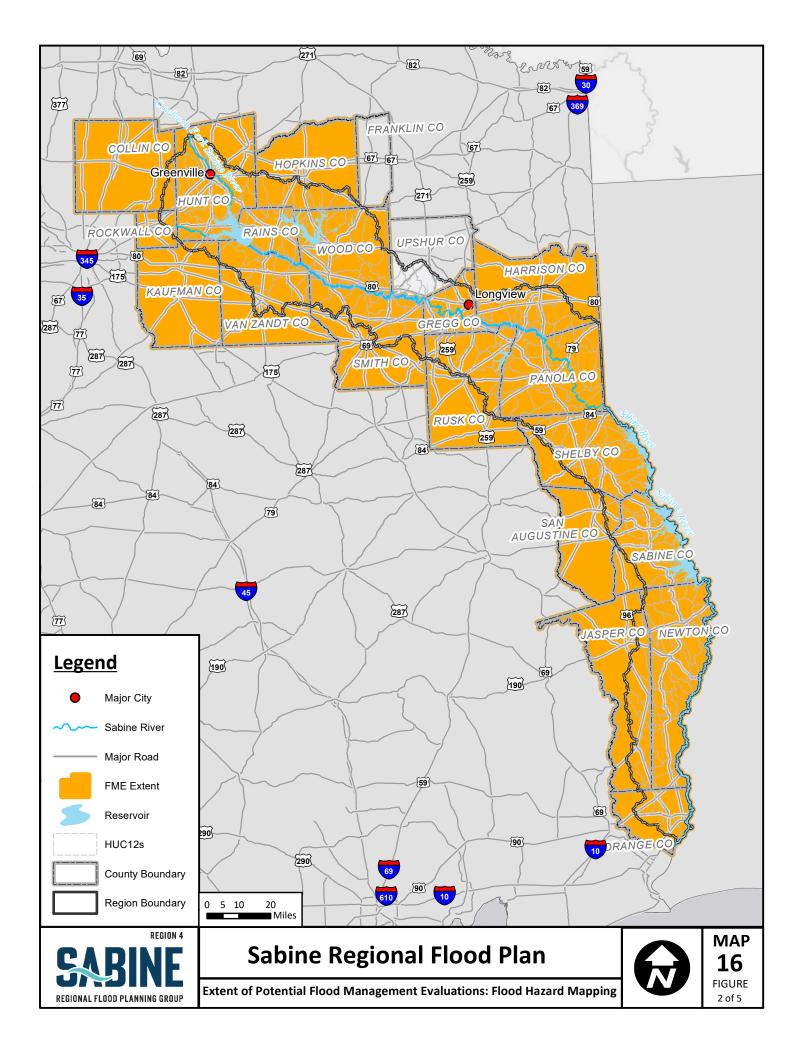


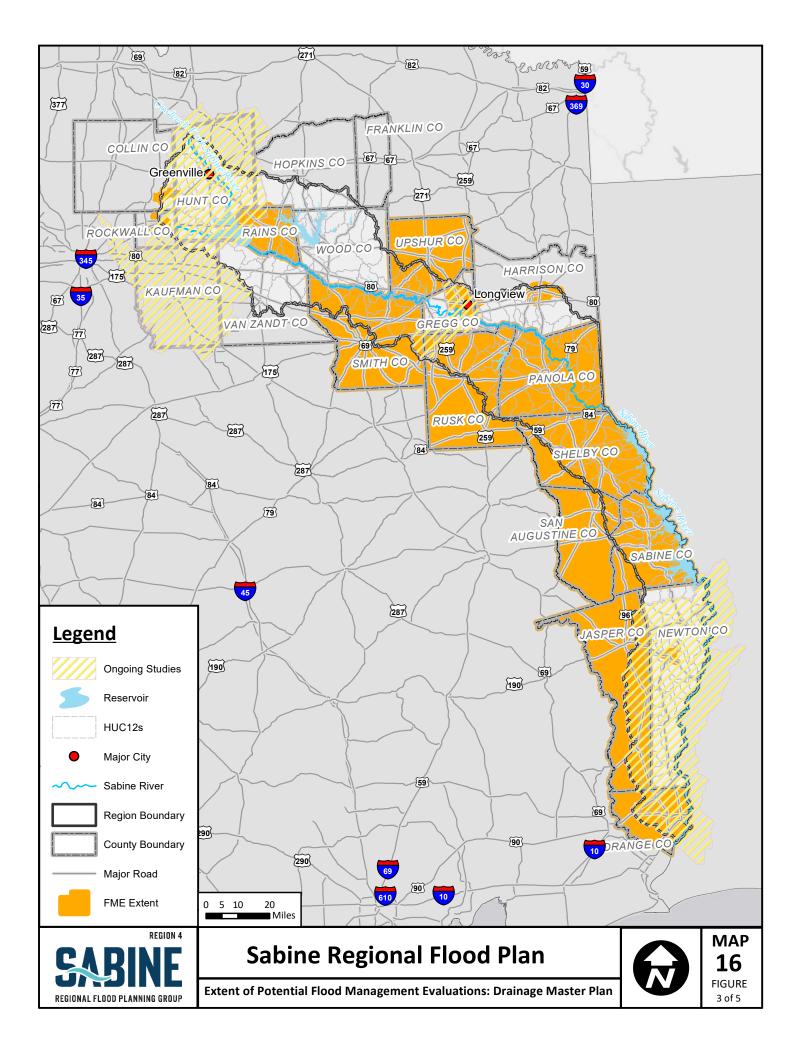
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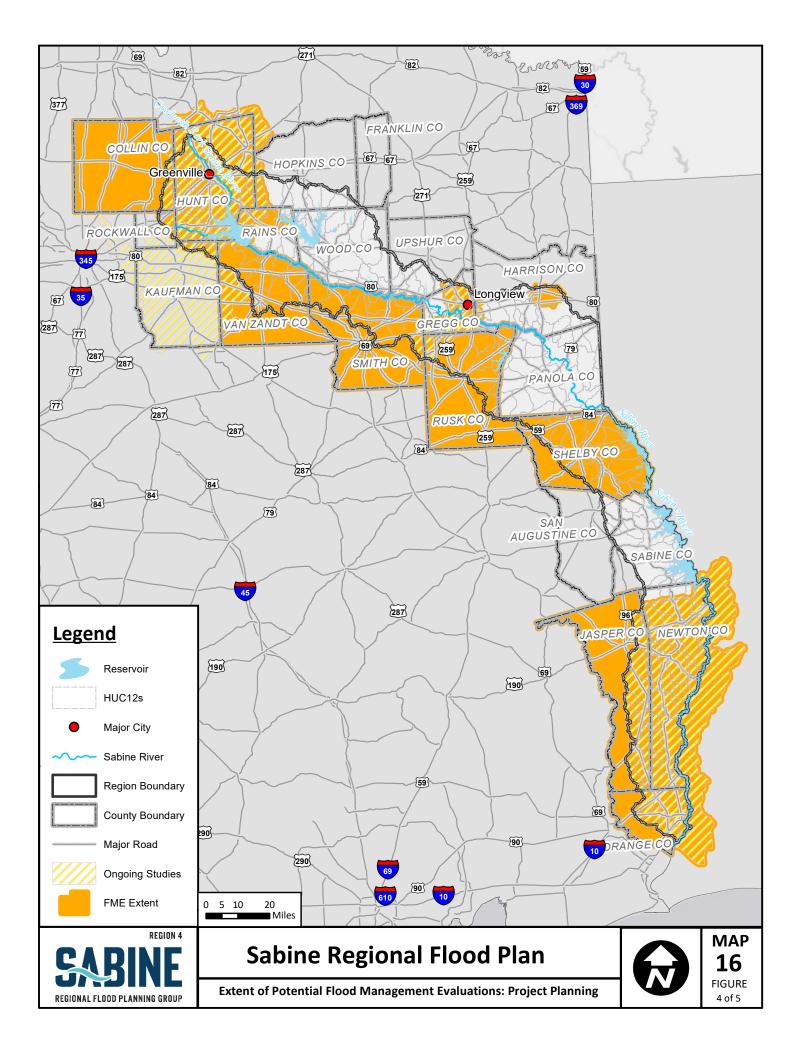


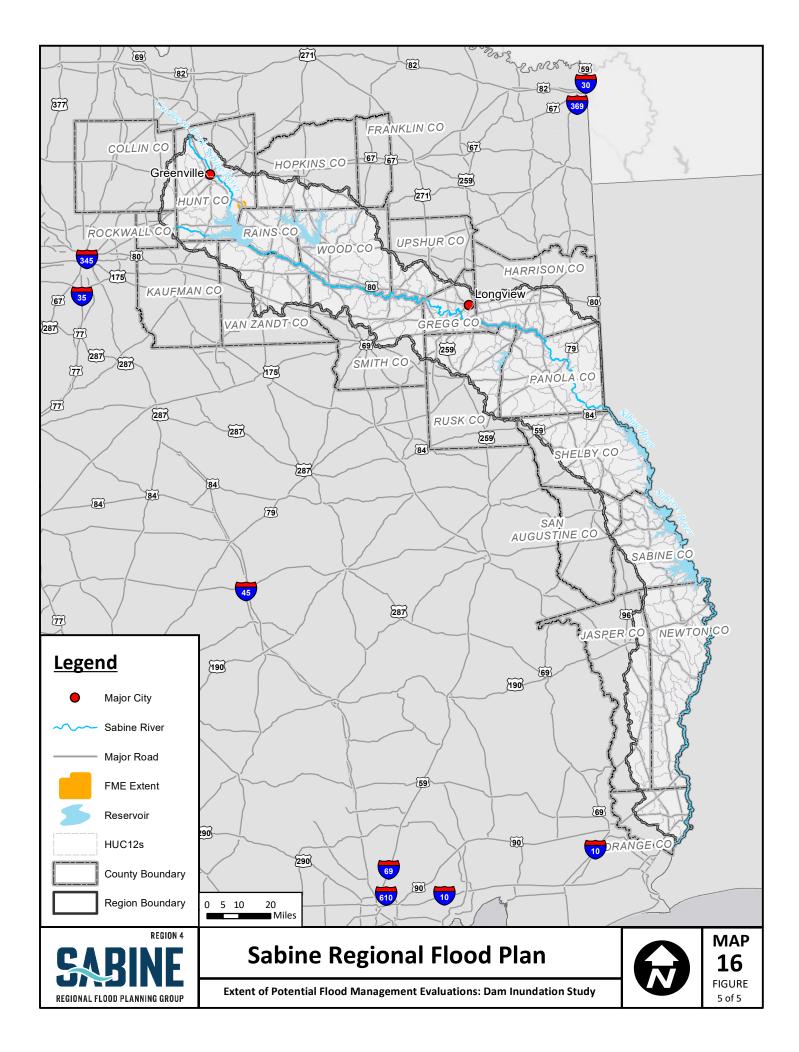
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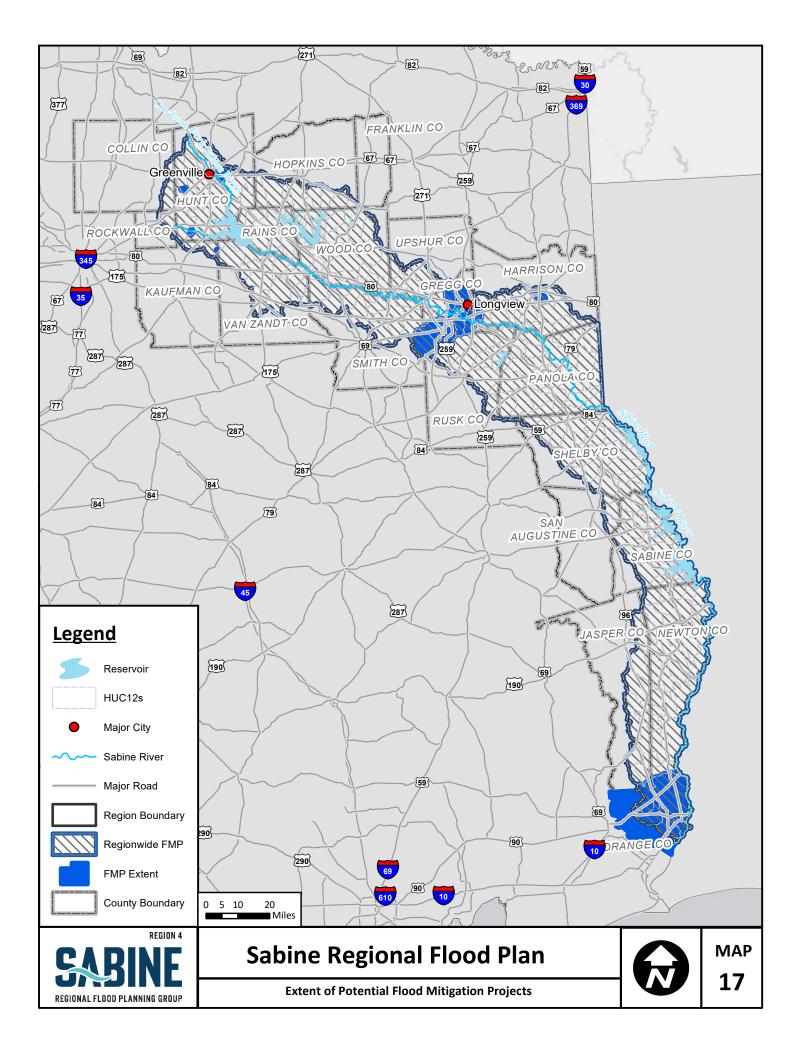


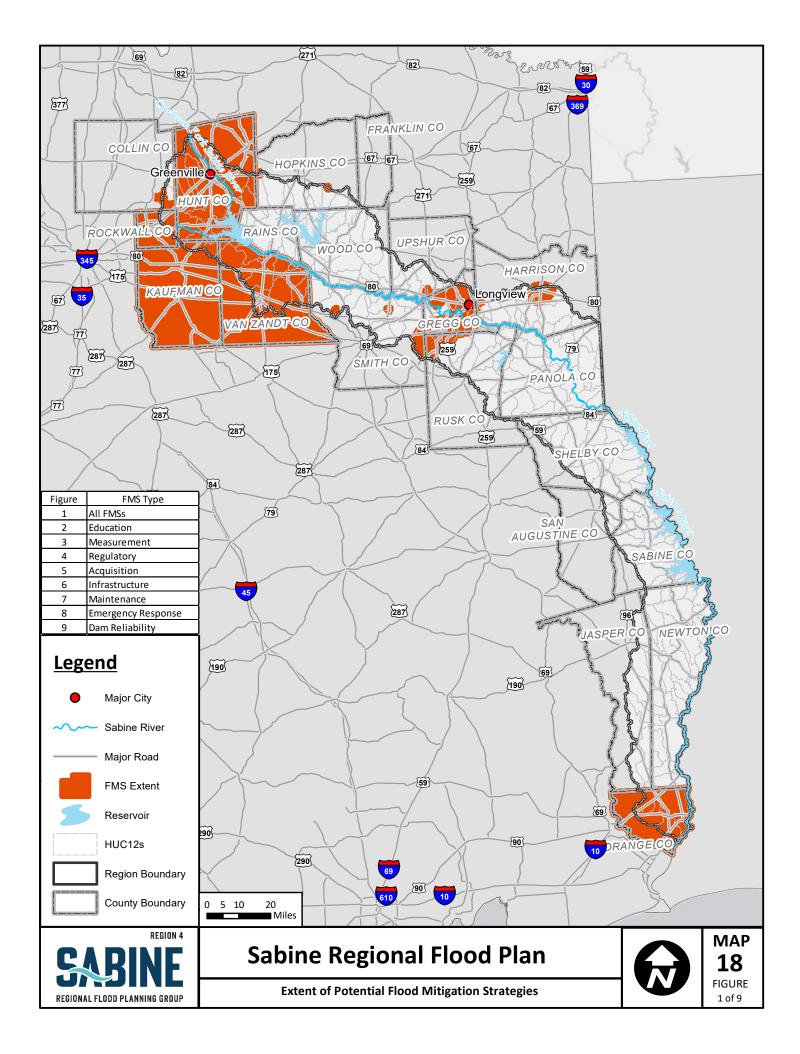


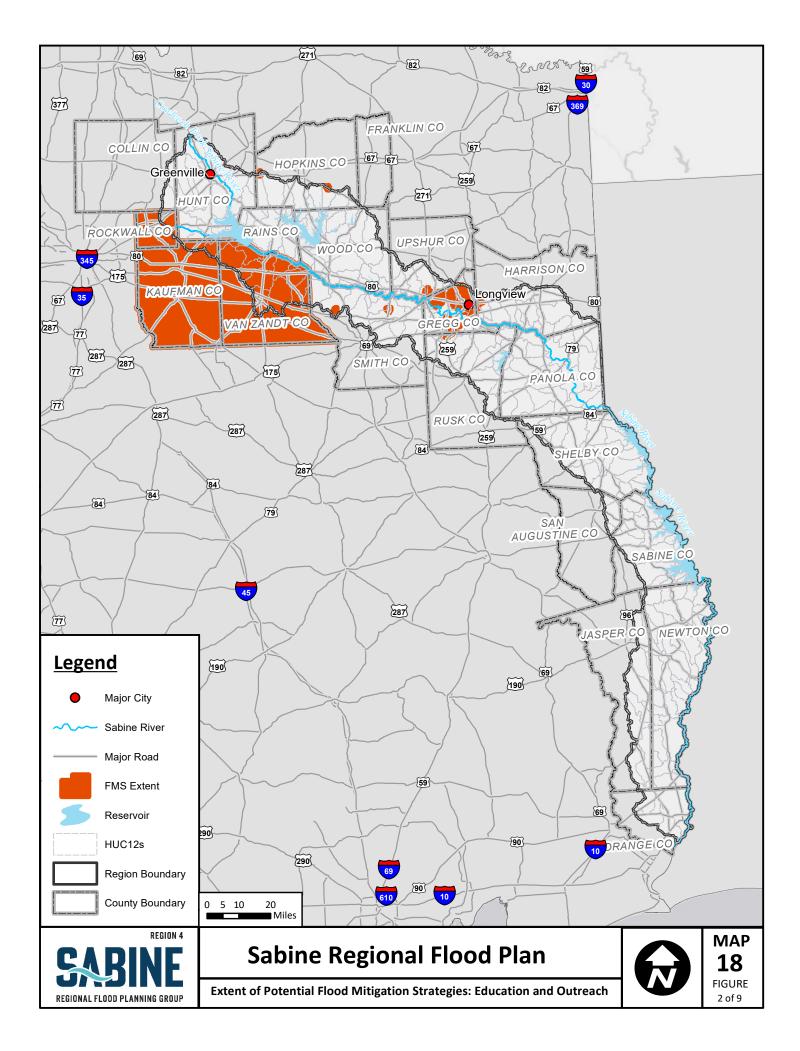


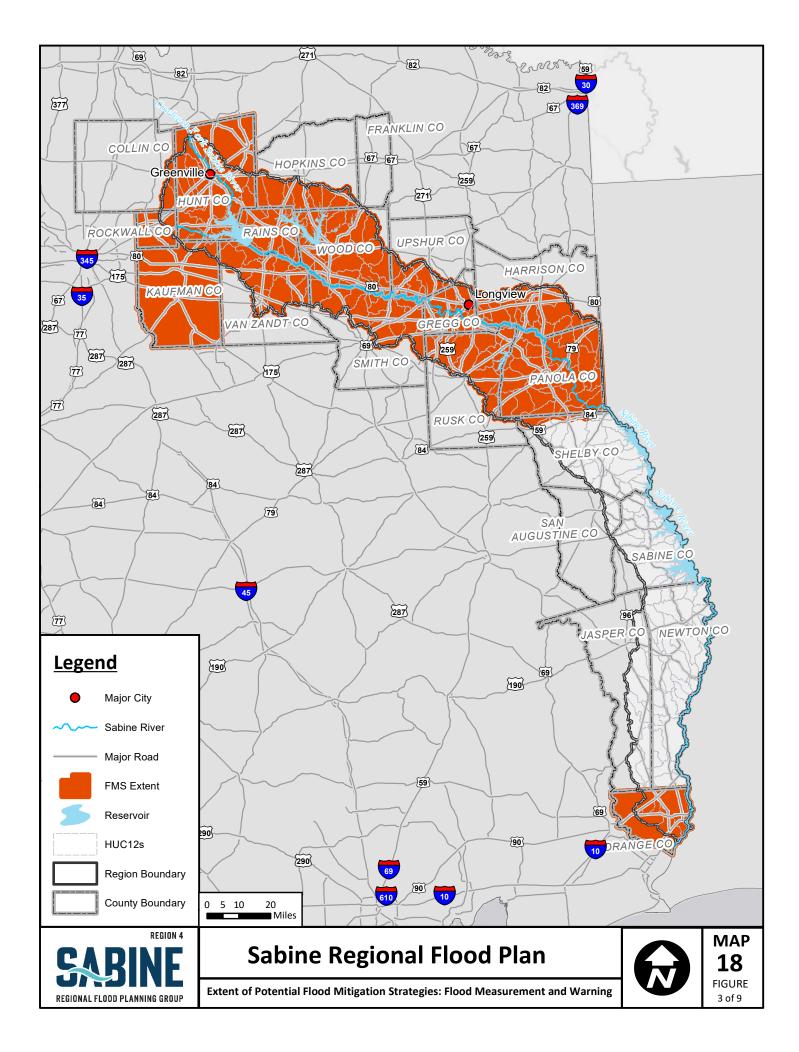


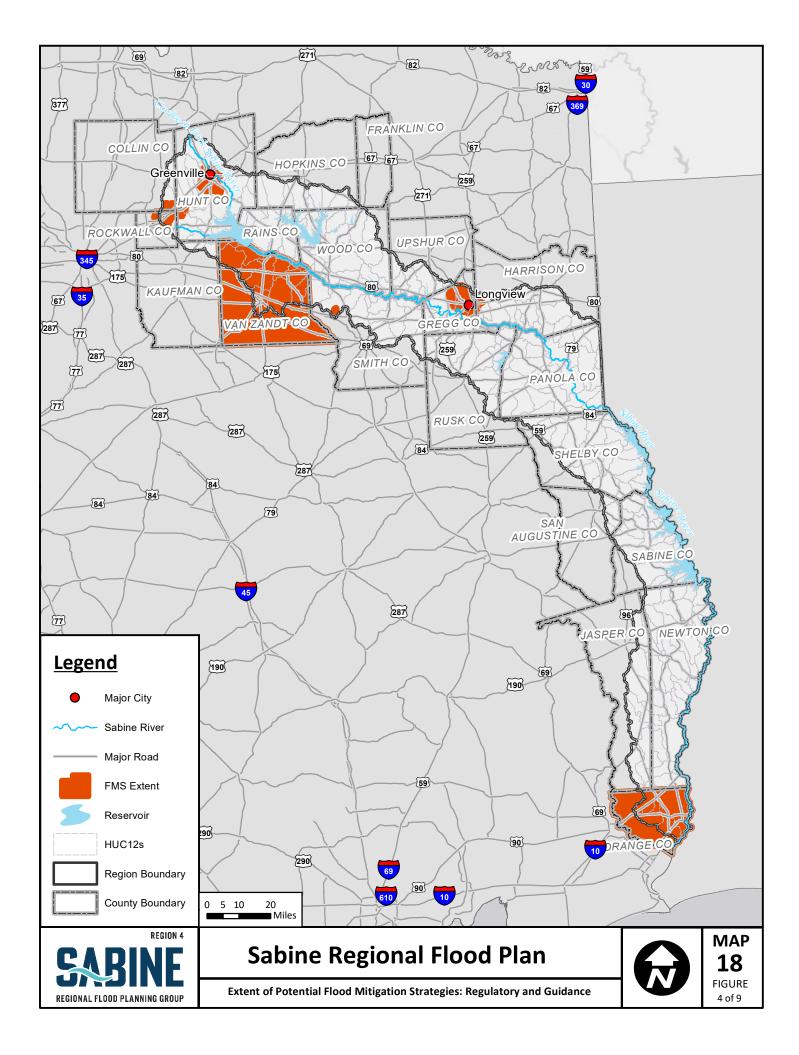


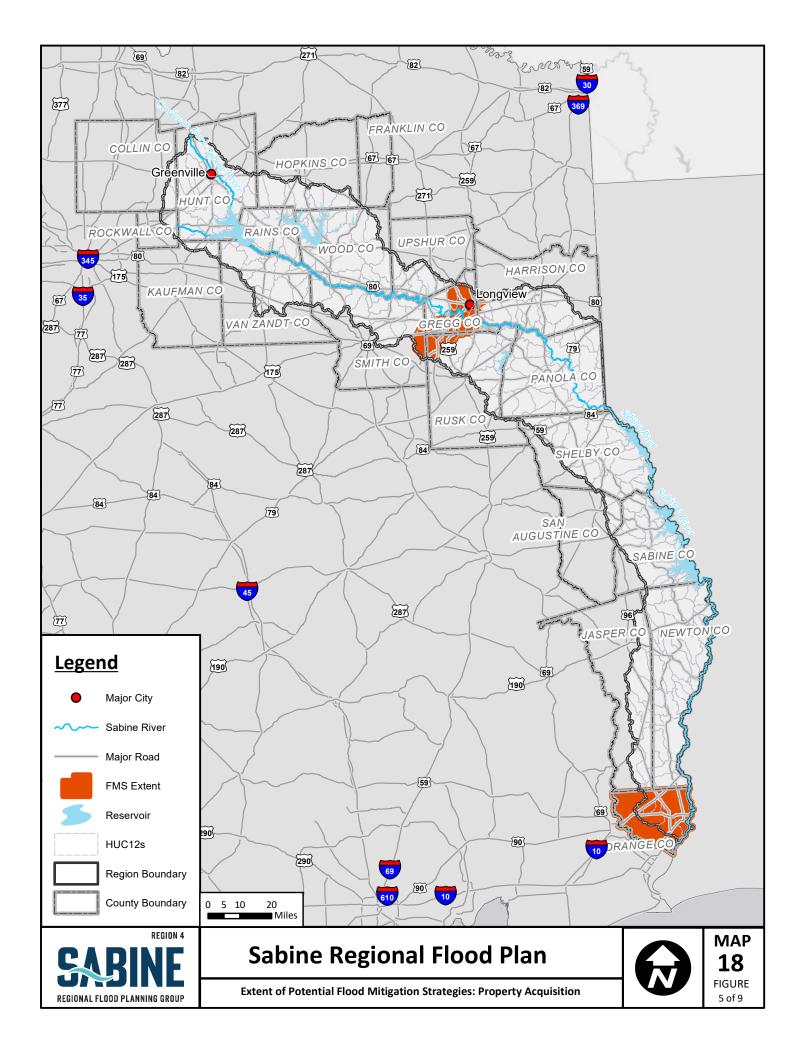


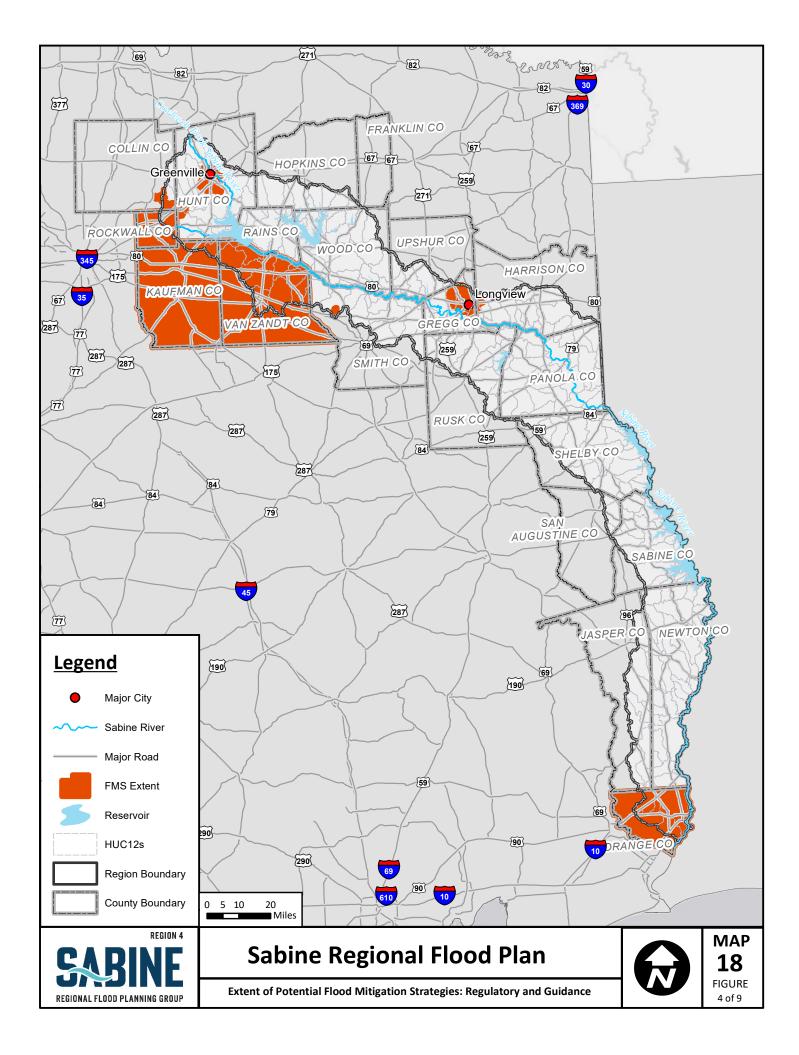


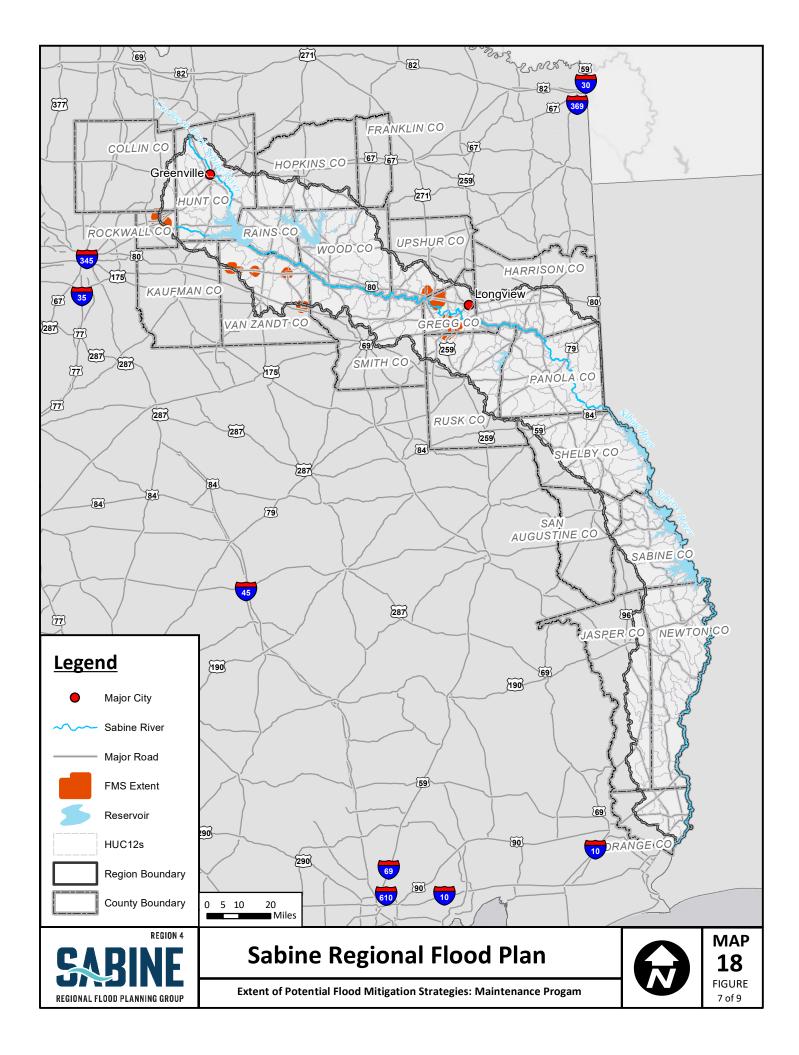


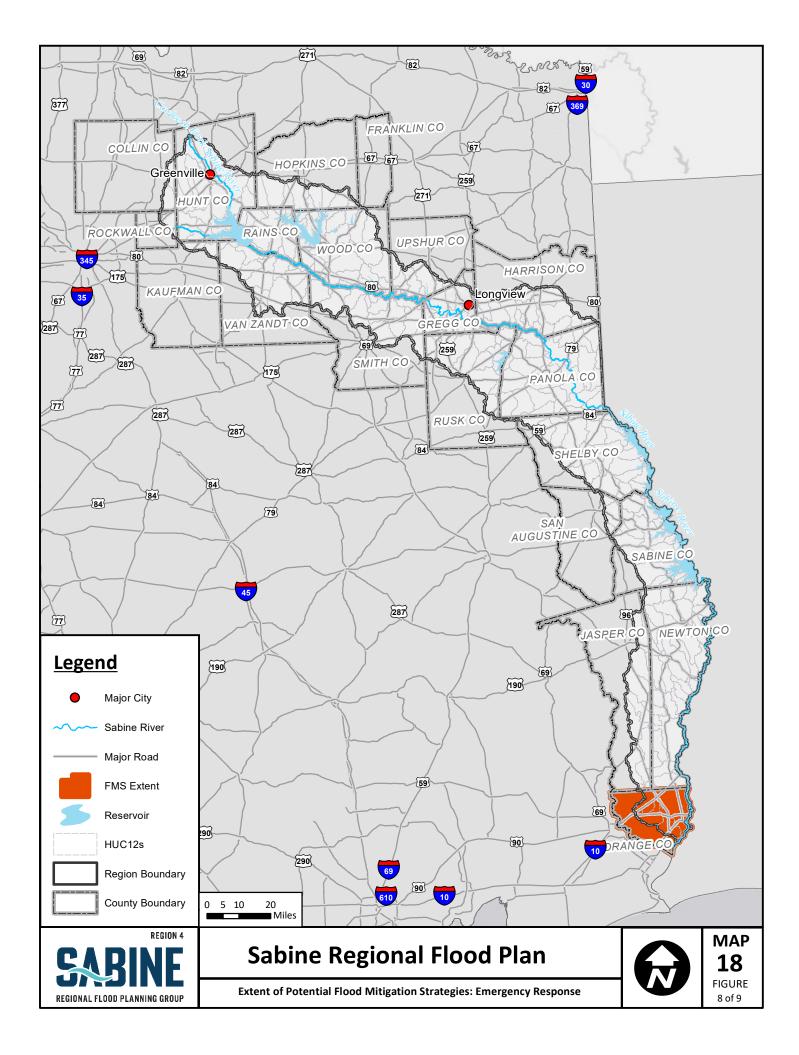


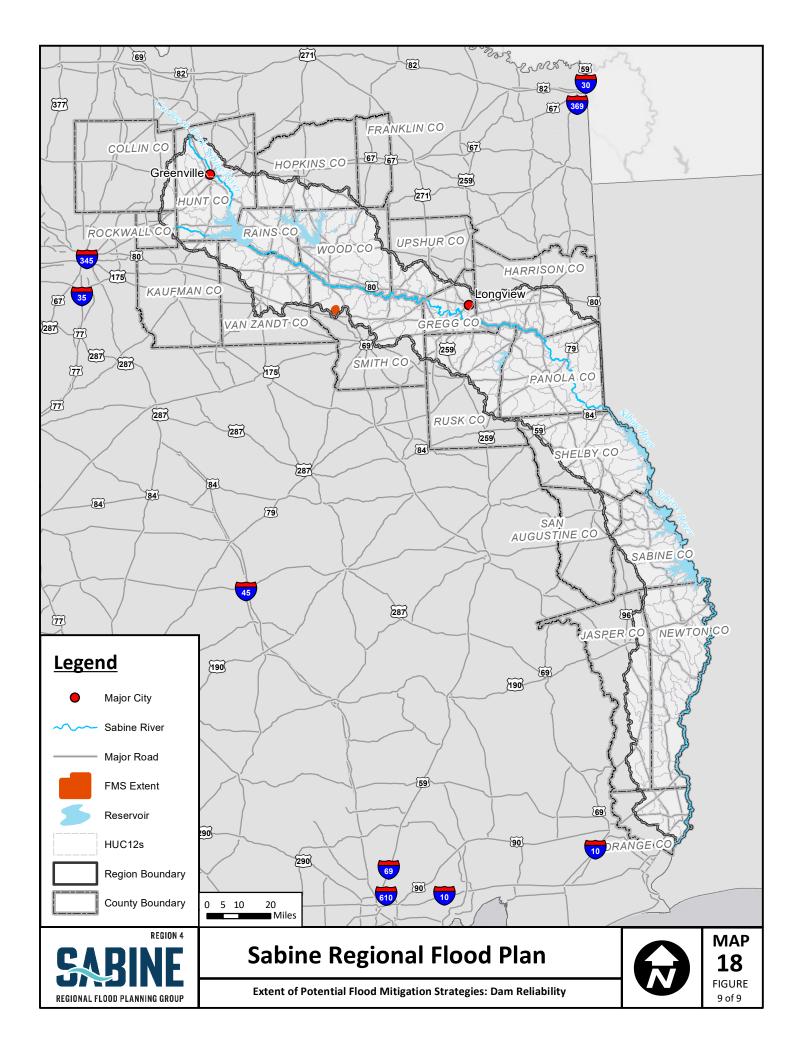












APPENDIX 4-B SUPPORTING TABLES FOR CHAPTER 4 THIS PAGE INTENTIONALLY LEFT BLANK

								1	Table 12: Potential	Flood Managen	nent Evaluatio	ons 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	Funding Sources and		structures	Estimated Population k at flood risk			number of	roads at	ranch land at	Existing or Anticipated Models Maps (year)
041000001	4	Sabine	Parker Creek Corridor Stud	dy 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	d 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, 120100020302, 120100020303, 120100020403, 120100020303, 120100020403, 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, 120100020403, 120100020303, 120100020403, 120100020502, 120100020405, 120100020502, 120100020102, 120100020502, 120100020102,	Upper Sabine, Middle Sabine	Watershed Planning	946	Riverine	Smith	Smith	Yes	\$1,900,000	Yes	1,303	767	1,990	7	0	O	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, 12010002102, 120100020703, 12010002601, 120100020602, 120100020603, 120100020607, 120100020608, 120100020704, 120100020702, 120100020704, 120100020706, 12010002903,	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	20100020705, 120100021101 120100010407, 120100010503, 120100010501, 120100010502, 120100010504, 120100010601, 120100010507, 120100010603, 120100010608, 120100010505, 120100010405, 120100010505,	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 Hazar Mapping	rd 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		120100040903, 120100040904, 120100040905, 120100041003, 120100040703, 120100040702, 120100040901, 120100040902, 12010004005, 120100041104, 120100041002, 120100041104, 120100041005, 120100041103, 120100041004, 120100041101,	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	120100041102 120100040903, 120100040904, 120100040905, 120100040702, 120100040703, 120100040702, 120100040901, 120100040902, 120100041005, 120100041104, 120100041002, 120100041106, 120100041105, 120100041103, 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 Floo Hazard Mapping	d 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	120100041102 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	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	2	346	BLE
041000012	4	Sabine	Shelby County Flood Hazar Mapping	d 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		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	Funding	Estimated number of structures at flood risk		Estimated Population at flood risk		Number of low water crossings at flood risk (#)	number of	roads at flood risk	ranch land at flood risk	Existing or Existing or Anticipated Anticipated Models 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, 120100020503, 120100020601, 120100020603, 120100020604, 120100020608, 120100020801, 120100020608, 120100020801, 120100020803, 120100020801	Middle Sabine	Watershed Planning	935	Riverine	Rusk	Rusk	Yes	\$1,850,000	Yes	899	543	1,374	2	5	5	(Miles) 55	(acres) 13,283	BLE
041000014	4	Sabine	Panola County Flood Hazaro 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	20100070804 120100020802 120100020501 120100021006, 120100021005, 120100021006, 120100021005, 120100021006, 120100020506, 120100020601, 120100020603, 120100020604, 120100020605, 120100020801, 120100020603, 120100020801, 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, 120100020601, 120100020803, 120100020801, 120100020803, 120100020801, 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, 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, 120100030103, 120100030107, 120100030103, 120100030105, 120100030104, 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, 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	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	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

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	Funding	Estimated number of structures at flood risk	structures	Estimated Population at flood risk	facilities at	Number of low water crossings at flood risk (#)	number of	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Existing or Anticipated Anticipated Models Maps (year)
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 y 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 Stud	Feasibility study to increase drainage capacity; add stornwater detention and / or retention basins as deemed ly necessary to reduce flood risk upstream of Edgewood City Dami	0400007	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		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 Improvemen Study		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		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			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	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	Drain Improvement Study	Feasibility study to install new storm drain system to address localized neighborhood drainage issues	04000007	Rusk	12010002	120100020605, 120100020801 120100020506, 120100020601,	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		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

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 Stud Cost	y Funding Sources and		structures	Estimated Population at flood risk	facilities at	low water	Estimated number of road closures (#)	roads at flood risk	ranch land at flood risk	Existing or Anticipated A Models N	Anticipated
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	(Miles) 0	(acres) 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	Sahine		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	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		H&H Study and Modeling for Feasibility Assessment of Dredging of Segments of Little Cypress Bayou	04000014 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	Increasing the Size of	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.	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.		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	04000014 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	04000014 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	Greenvile	Greenvile	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	0400007	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, 120100020501, 120100020502, 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, 120100010404, 120100010405, 120100010406, 120100010407, 120100030101, 12010003602,	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, 120100050901, 120100050804, 120100050901, 120100051001, 120100051002, 120100051003, 120100051002,	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	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		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	O	
041000069	4	Sabine		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	O	
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	Hydraulic and Hydrologic model of Parker Creek through Marshall	
041000072	4	Sabine	Lower Happy Hollow Creek Detention Pond Feasibility Study		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 Pon Feasibility Study	Perform H&H modeling to develop conceptual alternatives to Ireduce 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	Ireduce flood risk develop ()PCC for concentual alternatives	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	

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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	12010001407, 12010010503, 120100010501, 120100010502, 120100010504, 120100010601, 120100010507, 120100010603, 120100010608, 120100010505, 120100010405, 120100010505, 120100010405, 120100010508,	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	120100010607, 120100020105, 120100020101, 120100020106, 120100020107, 120100020501, 120100020301, 120100020403, 120100020303, 120100020403, 120100020404, 120100020405, 120100020502, 120100020102,	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	120100020104 120100025001, 120100021004, 120100025005, 120100021006, 120100020503, 120100020601, 120100020603, 120100020604, 120100020603, 120100020604, 120100020608, 120100020801, 120100020608, 120100020801, 120100020803, 120100020801, 120100020803, 120100020801,	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	1201000208501, 120100021804, 120100021005, 120100021006, 120100022050, 120100020502, 120100020503, 120100020601, 120100020603, 120100020604, 120100020608, 120100020801, 120100020608, 120100020801, 120100020803, 120100020801,	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	120100020804 12010050905, 120100050604 120100050905, 120100050604, 120100050905, 12010005002, 120100051002, 12010005005, 120100050601, 120100050605, 120100050601, 120100050607, 120100050608, 120100050801, 120100050608, 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 Hazar Mapping	for regulatory purposes.	04000011, 04000012	Orange	12010005	120100050005 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	d Complete a detailed study within the county extent to d 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		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		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	alternatives analysis and develop FMPs for second cycle of	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	the State Flood Plan. 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 120100010506, 120100010507,	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 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.		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 or 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

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	Funding Sources and	number of	Habitable structures at flood risk	Population	Critical facilities at flood risk (#)	low water	Estimated number of road closures (#)	roads at	Estimated active farm & ranch land at flood risk (acres)	Anticipated	
041000098	4	Sabine	Guthrie Creek Corridor Flooding	Perform PER of the area for flood mitigation solution based or 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 or 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	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 or B 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	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 or 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	2	2	Hydraulic and Hydrologic model of Longview and Kilgore	
041000102	4	Sabine		Perform PER of the area for flood mitigation solution based or 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	Hydraulic and Hydrologic model of Longview and Kilgore	
041000103	4	Sabine	Elm Branch Flooding	Perform PER of the area for flood mitigation solution based or 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		Perform PER of the area for flood mitigation solution based or 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	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 or 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	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 or 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	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	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	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	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	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	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	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	Hydraulic and Hydrologic model of Longview and Kilgore	

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	Sources and	number of	Habitable structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	number of	roads at	Estimated active farm & ranch land at flood risk (acres)	Existing or Exi Anticipated Ant Models Maj	
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	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	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	Hydraulic and Hydrologic model of Longview	
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	and Kilgore Hydraulic and Hydrologic model of Longview	
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	o	Riverine	Longview	Longview	No	\$75,000	No	7	2	24	0	0	0	0	0	and Kilgore Hydraulic and Hydrologic model of Longview	
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	and Kilgore Hydraulic and Hydrologic model of Longview	
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	and Kilgore Hydraulic and Hydrologic model of Longview	
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	and Kilgore Hydraulic and Hydrologic model of Longview	
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	and Kilgore Hydraulic and Hydrologic model of Longview	
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	and Kilgore Hydraulic and Hydrologic model of Longview	
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	and Kilgore Hydraulic and Hydrologic model of Longview	
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	and Kilgore Hydraulic and Hydrologic model of Longview	
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	and Kilgore Hydraulic and Hydrologic model of Longview	
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	and Kilgore Hydraulic and Hydrologic model of Longview	
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	and Kilgore Hydraulic and Hydrologic model of Longview and Kilgore	

FME ID RFF	PG 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	Funding Sources and		Habitable structures at flood risk	Population	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	number of	roads at	ranch land at	k Existing or Existing or t Anticipated Anticipated Models Maps (year
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 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	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	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	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	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	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 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	No	2	2	4	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	Hydraulic and Hydrologic model of Longview and Kilgore

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	Funding Sources and		Habitable structures at flood risk a	Population	Critical facilities at lood risk (#)	Number of low water crossings at re flood risk (#)	Estimated number of	roads at	ranch land at	Existing or Existing or Anticipated Anticipated Models Maps (year)
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 12	20100020502	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.	0400007, 04000008	Gregg	12010002 12	20100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	9	9	19	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 12	20100020504	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	1	1	4	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 12	20100020506	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	No	13	13	21	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 12	20100020505	Middle Sabine	Project Planning	1	Riverine	Longview	Longview	No	\$75,000	No	1	0	178	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 12	20100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	0	0	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore
041000152	4	Sabine	Higganbotham 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.	0400007, 04000008	Gregg	12010002 12	20100020503	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	No	12	12	26	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore
041000153	4	Sabine	Meadowview Road Floodin	Perform H&H modeling to identify and define higher detailed g flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.	0400007, 04000008	Gregg	12010002 12	20100020504	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.	0400007, 0400008	Gregg, Rusk	12010002 12	20100020503	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 12	20100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	1	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 12	20100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	21	21	102	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.	0400007, 0400008	Gregg	12010002 12	20100020502	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	No	1	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 12	20100020505	Middle Sabine	Project Planning	0	Riverine	Longview	Longview	No	\$75,000	No	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.	0400007, 0400008	Rusk	12010002 12	20100020506	Middle Sabine	Project Planning	0	Riverine	Kilgore	Kilgore	No	\$75,000	No	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.	0400007, 0400008	Rusk	12010002 12	20100020501, 120100020502	Middle Sabine	Project Planning	0	Riverine	Rusk	Rusk	No	\$75,000	No	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.	0400007, 0400008	Gregg	12010002 12	20100020601	Middle Sabine	Project Planning	0	Riverine	Lakeport	Lakeport	No	\$75,000	No	0	0	0	0	0	0	0	0	Hydraulic and Hydrologic model of Longview and Kilgore

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	Sources and	number of	structures		Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	number of road closures		ranch land at	& Existing or Existing or t Anticipated Anticipated Models Maps (year)
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	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	Hydraulic and Hydrologic model of Longview and Kilgore
041000169	4	Sabine	McKay Street Overtoppin	Perform H&H modeling to identify and define higher detailed g 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		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 Overtoppin	Perform H&H modeling to identify and define higher detailed g 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	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	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	Hydraulic and Hydrologic model of Longview and Kilgore

		T	Table 13: Potential Flood Mitigation Projects Identified by RFPG													
FMP ID	RFPG No.	RFPG Name	FMP Name	Description	Associated Goals (ID)	Counties	HUC125	Watershed Name	Project Type	Project Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Project Cost (\$)	
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	No	\$46,397,775	
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	No	\$13,859,613	
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	No	\$93,350,287	
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	No	\$60,463,723	
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	Yes	\$133,851,861	
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	Yes	\$96,833,693	
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	No	\$986,215	
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	Yes	\$29,215,062	
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	Yes	\$172,241,395	
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	No	\$19,561,929	
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	Yes	\$41,147,927	
043000012	4	Sabine	CR-2400 Drainage Improvements	Two proposed bridge installations over creek crossing on County Road 2400 to reduce roadway overtopping curing 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	
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	No	\$9,125,858	
043000014	4	Sabine	CR-3101 Drainage Improvements	Two proposed bridge installations over nearby creek crossings on County Road 3101 to reduce roadway overtopping curing 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	
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	No	\$4,284,973	
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	No	\$3,344,199	
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	Yes	\$2,270,099,968	
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	No	\$2,238,252	
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	No	\$258,023	
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	No	\$504,464	
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	No	\$981,076	
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	No	\$5,047,893	
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	No	\$491,866	
043000025	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	
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	Yes	\$10,000,000	
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	Yes	\$56,159,648	

		Flood Risk									Reduction in Flood Risk									
FMP ID	Potential Funding Sources and Amount	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 removed from 100yr flood risk	Number of structures removed from 500yr flood risk	Residential structures removed from 100yr flood risk	Estimated Population removed from 100vr flood risk	Critical facilities removed from 100yr flood risk	Number of low water crossings removed from 100vr 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	52	99	7,929	6,107	24,485	206	21	0	158	0	1618	783	1272	2375	9	21	0	28	
043000018	\$836.499.968 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	

		Estimated	Estimated			C - + / C + +	Deveent Network have d		Negative Impact	Control Mula constraints		Traffic Count for Low			Decession for
FMP ID	Estimated farm & ranch land removed from 100yr flood risk (acres)	reduction in fatalities (if	reduction in injuries (if	Pre-Project Level-of- Service	Service	Cost/ Structure removed	Percent Nature-based Solution (by cost)	Negative Impact	Mitigation	Social Vulnerability Index (SVI)	Water Supply Benefit	Water Crossings	Benefit-Cost Ratio	RFPG Recommendation	Reason for Recommendation
043000001	203	available) Unknown	available) 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

					т	able 13: Potential	Flood Mitigation Projects Identifie	d 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 (\$)
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	Yes	\$10,000,000
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	Yes	\$10,000,000
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	Yes	\$57,548,151
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	Yes	\$53,892,341
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	Yes	\$25,270,808
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	No	\$2,141,682
043000035	4	Sabine	Sabine Flood Measurement Gages	Install flood measurement gages regionwide	04000003, 04000015, 04000016	helby, Rusk, Panola	120100010301	Regionwide	Flood Measurement and Warning	4,760	Riverine, Coastal	Sabine River Authority	Sabine River Authority	Yes	\$737,148

						Flood Risk										Reduction in Flo	ood Risk		
FMP ID	Potential Funding Sources and Amount		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 length of roads at 100-year flood risk (Miles)			Number of structures removed from 500yr flood risk	Residential structures removed from 100yr flood risk	Estimated Population removed from 100vr flood risk	Critical facilities removed from 100yr flood risk	Number of low water crossings removed from 100vr 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	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
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 Man	agement Strate	gies Identified b	y 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, 120100051005	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, 120100051005	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, 120100010603, 120100010608, 120100010605, 120100010607, 120100010505, 120100010405, 120100010604	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
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	#N/A	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

											Flood Risk					
FMS ID	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Nonrecurring, Noncapital Cost (\$)	Estimated Total Project Cost (\$)	Potential Funding Sources and Amount	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 (#)			
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

						Reduction in	Flood Risk										
FMS ID	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)	Cost/ Structure removed	Consideration of Nature-based Solution	Negative Impact	Negative Impact Mitigation	Water Supply Benefit
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
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
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	#N/A	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	#N/A	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
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

											Flood Risk					
FMS ID	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Nonrecurring, Noncapital Cost (\$)	Estimated Total Project Cost (\$)	Potential Funding Sources and Amount	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 (#)	of roads at flood	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

						Reduction in	Flood Risk										
FMS ID	Number of structures with reduced 100yr Flood risk	Number of structures removed from 100yr Flood risk	structures	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)	Cost/ Structure removed	Consideration of Nature-based Solution	Negative Impact	Negative Impact Mitigation	Water Supply Benefit
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
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
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 <i>,</i> 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 <i>,</i> 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

											Flood Risk					
FMS ID	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Nonrecurring, Noncapital Cost (\$)	Estimated Total Project Cost (\$)	Potential Funding Sources and Amount	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 (#)		of roads at flood	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

						Reduction in	Flood Risk										
FMS ID	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)	Cost/ Structure removed	Consideration of Nature-based Solution	Negative Impact	Negative Impact Mitigation	Water Supply Benefit
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 <i>,</i> 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 NEIP 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

											Flood Risk					
FMS ID	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Nonrecurring, Noncapital Cost (\$)	Estimated Total Project Cost (\$)	Potential Funding Sources and Amount	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 (#)			
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

						Reduction in	Flood Risk										
FMS ID	Number of structures with reduced 100yr Flood risk	Number of structures removed from 100yr 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)	Cost/ Structure removed	Consideration of Nature-based Solution	Negative Impact	Negative Impact Mitigation	Water Supply Benefit
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 THIS PAGE INTENTIONALLY LEFT BLANK

#### 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	City Wills Point Adopt and implement a routine tree trimming program that clears tree limbs near power lines and / or hanging in right-of-way: Remove dead		\$100, 000	Action does not achieve flood risk reduction	
City of Wills Point       Evaluate access and road conditions for         City of Wills Point       response vehicles. Develop and implement         Action #6       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 THIS PAGE INTENTIONALLY LEFT BLANK



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<b>TO:</b>	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.

Category	Factors to Consider					
1. FME to Construction Project	• Is the FME likely to turn into a physical construction project?					
2. Number of FMPs	<ul> <li>How many FMPs might be generated from the FME study?</li> </ul>					
3. Size of Benefit Area	<ul> <li>What is the size of the study's benefit area?</li> </ul>					
4. Flood Mitigation Needs Score (Task 4A)	<ul><li>Percentile Rank</li><li>Reflects existing flood exposure</li></ul>					

#### Table 1.1 Task 12 Prioritization Categories

Category	Factors to Consider				
5. Benefit to Critical Facilities and Low Water Crossings	<ul> <li>Schools, hospitals, Wastewater Treatment Plants, Police Stations, Firefighting Stations</li> <li>Low Water Crossings (LWC) currently identified</li> </ul>				
6. Number of FMEs per Sponsor	<ul> <li>Intended to distribute Task 12 funding</li> </ul>				
7. Level of Effort	<ul> <li>Cost to perform FME relative to Task 12 funding</li> </ul>				
8. Overlap with Ongoing Studies	GLO Combined River Model     Lower and Upper Sabine FIF Studies				
9. Ability and desire to construct projects	<ul> <li>Level of sponsor engagement and responsiveness</li> </ul>				

# 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.

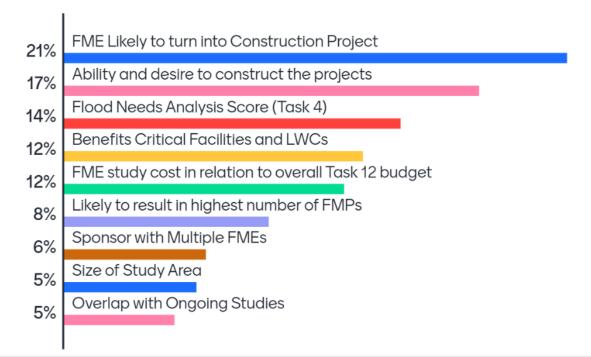


Figure 2—1: Mentimeter Results for Category Weights

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

Task 12 Prioritization of FMEs for Further Study 09/06/2022 Page 3 of 8

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	r FIVIE to Constructio	n Project				
Is the FME likely to turn into project	Sco	Weight				
ready for construction?	Yes	No				
Points	10	0	21%			

Table 2.1 Scoring for FME to Construction Project

#### 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			Weight					
generated from the FME?	>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

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

	Score								
Flood Mitigation Needs Score (Percentile)	0-20th	20th	40th	60th	80th	1 40/			
Score	<14	15-19	20-24	25-30	31-35	14%			
Points	0	3	5	7	10				

Table 2.4 Scoring for Flood Mitigation Needs Analysis

#### 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 30<sup>th</sup> 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?	Sco	Weight	
is a Critical Facility Benefitted?	Yes	No	
Points	10	0	6%

### 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?	Sco	Weight	
IS a LWC Benefitted?	Yes	No	<b>a</b> a/
Points	10	0	6%

#### 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	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.

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

Table 2.8 Scoring for Level of Study Effort Required

#### 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	E area overlap with an ongoing Score Weig		
GLO or FIF Study?	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.

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

### 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 14<sup>th</sup>, 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.

Task 12 Prioritization of FMEs for Further Study 09/06/2022 Page 6 of 8

- 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.

<u>Score</u>	<u>Rank</u>	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

Table 3.1	- Primary	/ Recommended	d FMFs
TUDIE J.1	- FIIIIUI y	/ Necommenue	1 1 1 1 1 1 1 2 3

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

Task 12 Prioritization of FMEs for Further Study 09/06/2022 Page 7 of 8

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.

<u>Score</u>	<u>Rank</u>	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

Table 3.2 - Secondary Recommended FMEs

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.

<u>Score</u>	<u>Rank</u>	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

Table 3.3 - Higher Ranking FMEs Not Included

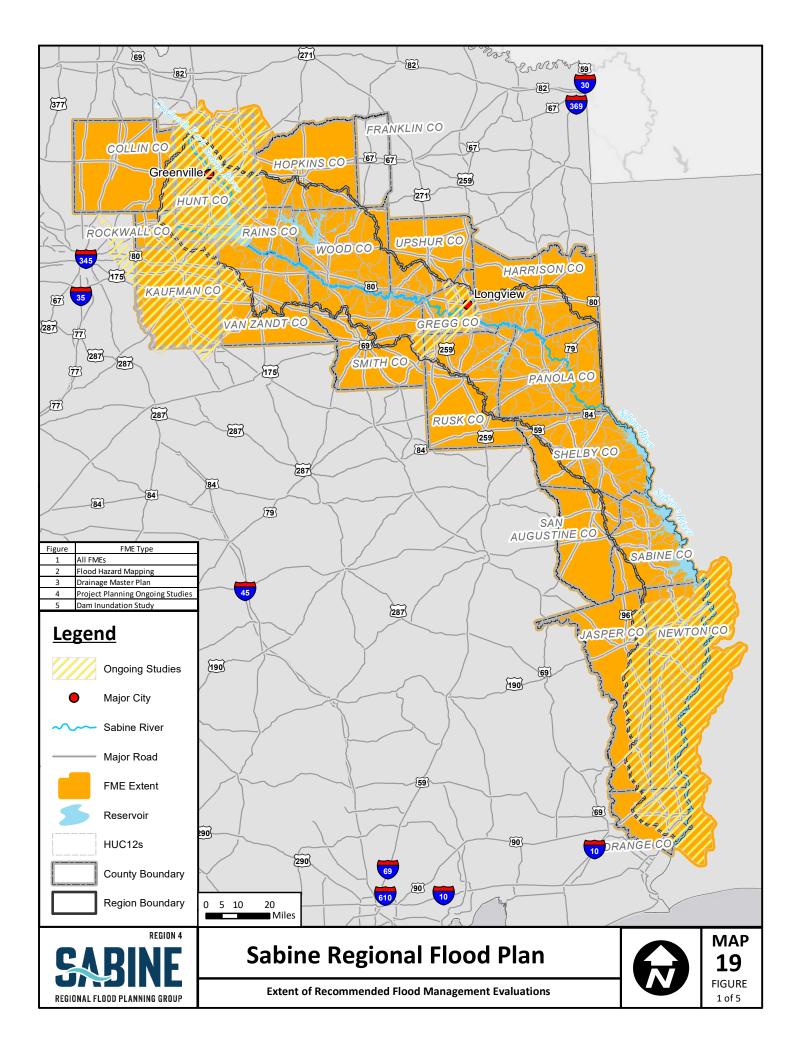
5.44	14	Feasibility Assessment and Conceptual Design of Dredging of Segments of Little Cypress Bayou	usually takes months to capture, process, and then put into models for evaluation. Due to this, it is expected that these will be studied once bathymetric survey is collected in the Lower Sabine FIF study 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
5.42	16	City of Kilgore Library Drainage Improvement Study	detailed study will be performed in that area as part of that project.
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.

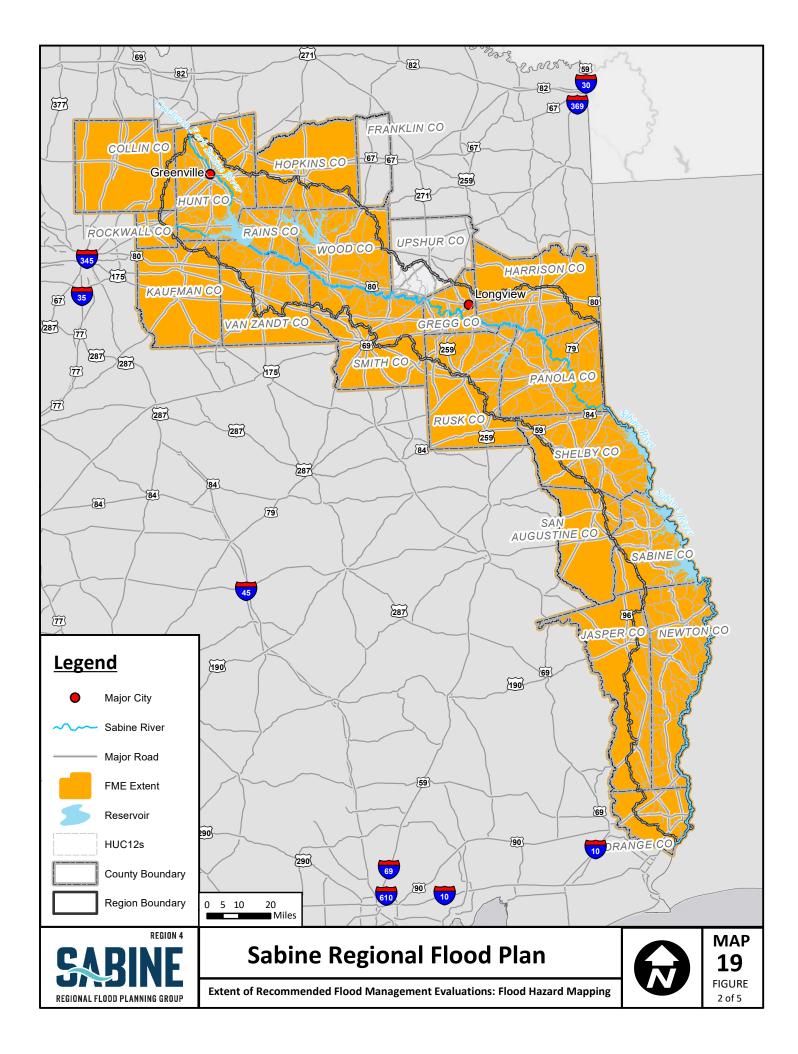
As noted in previous Sabine RFPG meetings, the floodplain mapping and master drainage plans were not anticipated to be included in the Task 12 effort, primarily due to the very large level of effort needed to do those large studies as well as a significant amount of time needed, which is not available 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.

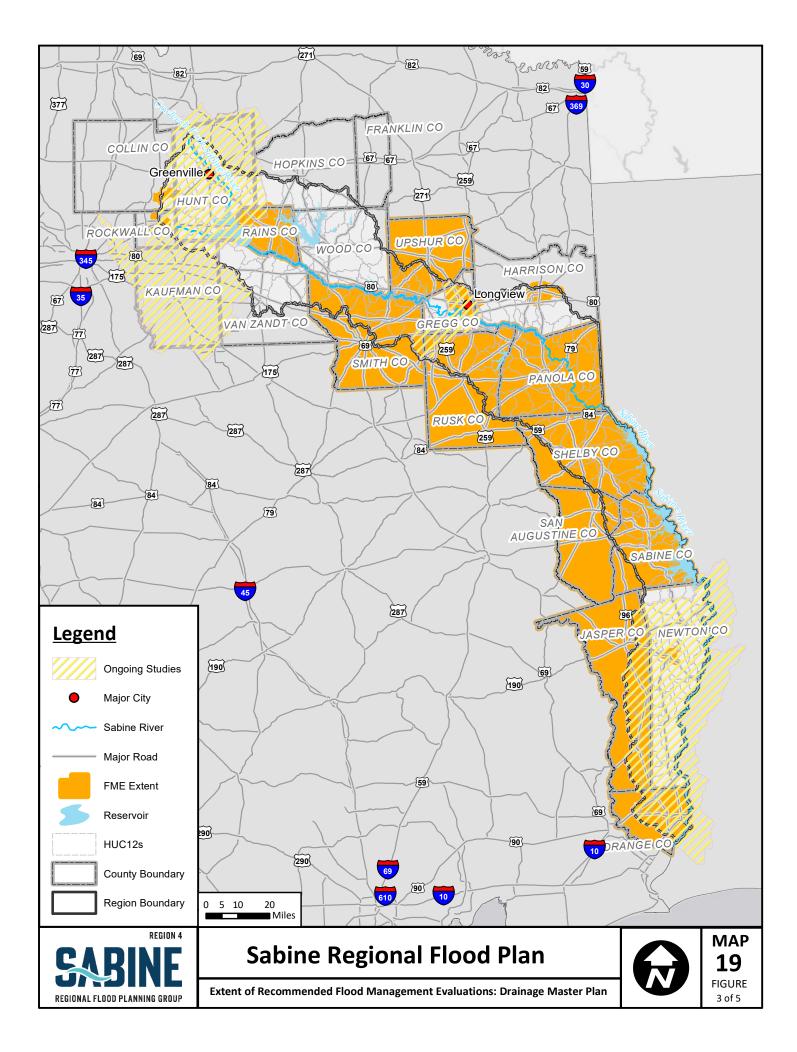
Attachments: Table 1

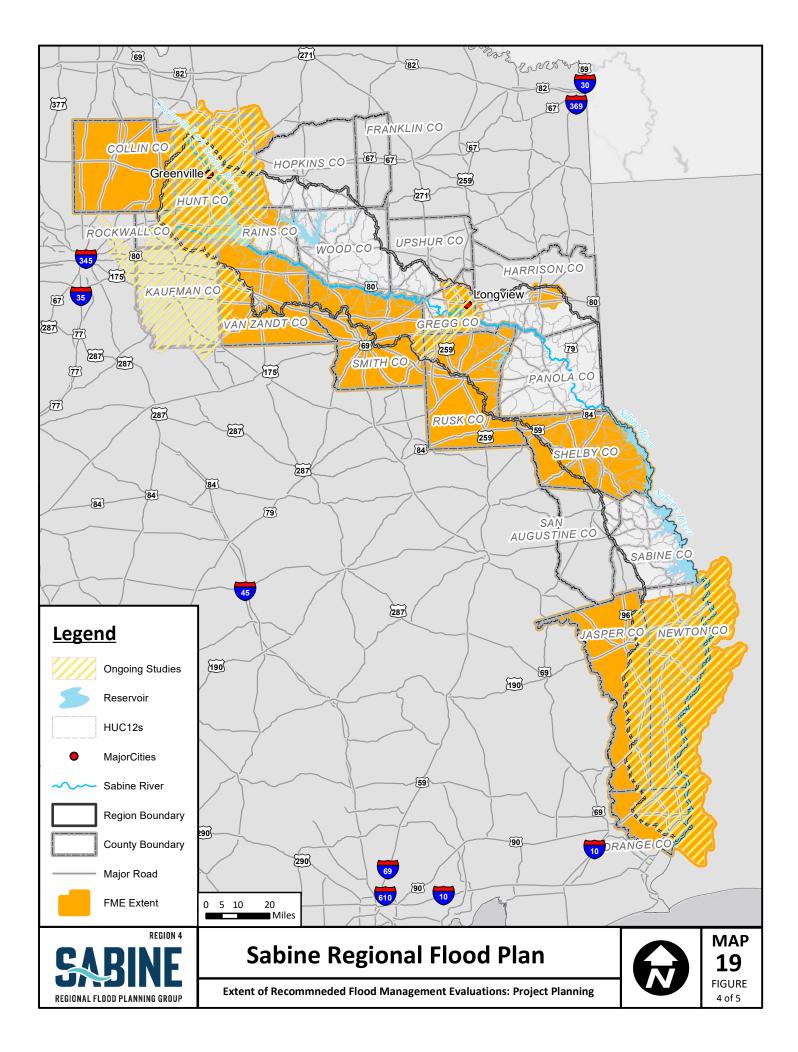
Flood Mitigation Action Name	Description	Entity	Estimated Project Cost (\$)	Reason Action Infeasible
City of Winona Action #1	Purchase and install an electric back-up generator at the water tower pump house in the event of a power outage from earthquake, extreme heat, flood, hail, hurricane/tropical 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

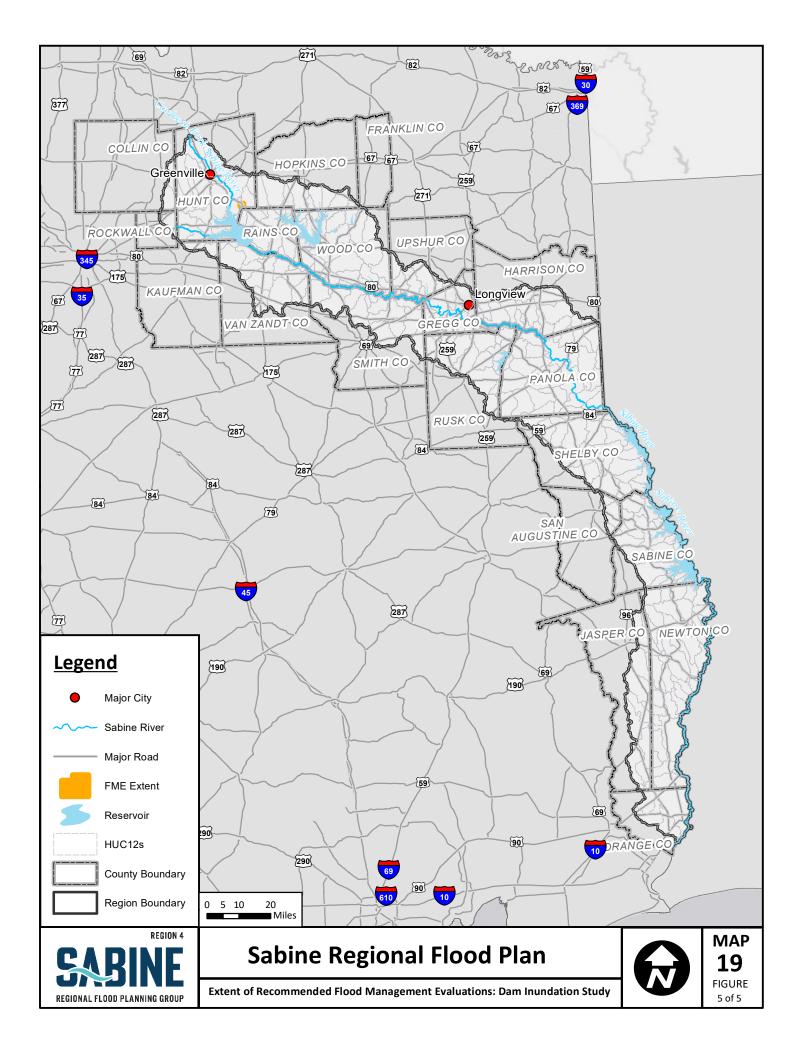
APPENDIX 5-A SUPPORTING MAPS FOR CHAPTER 5 THIS PAGE INTENTIONALLY LEFT BLANK

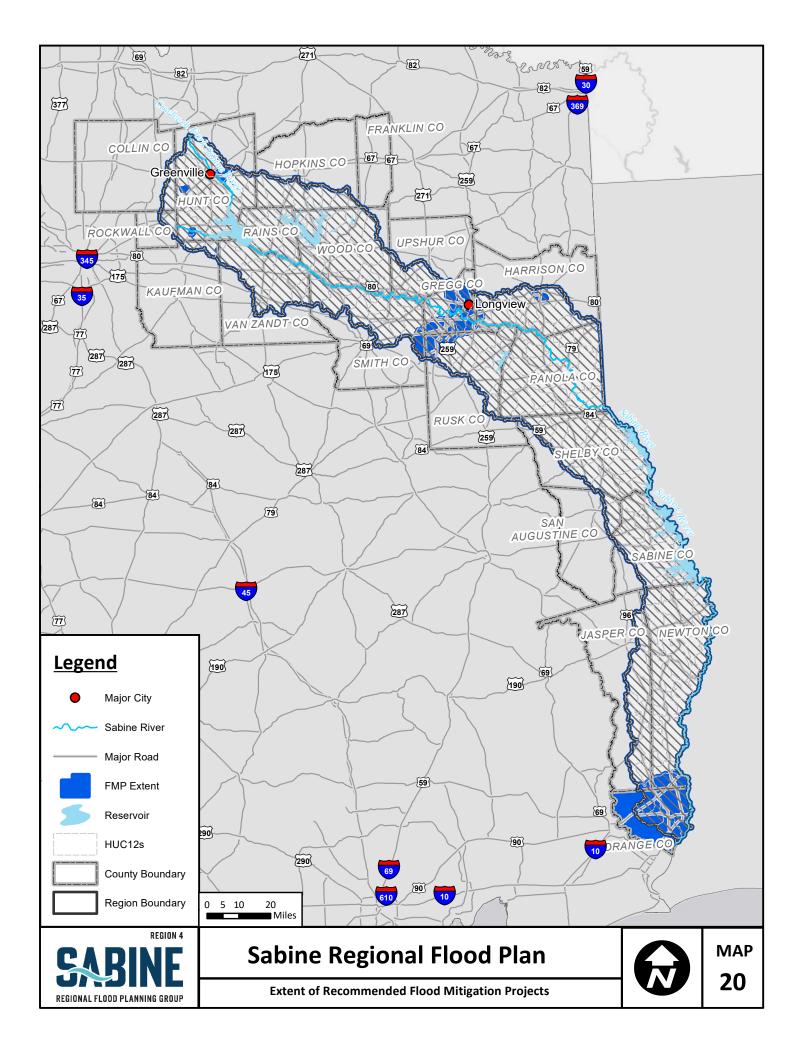


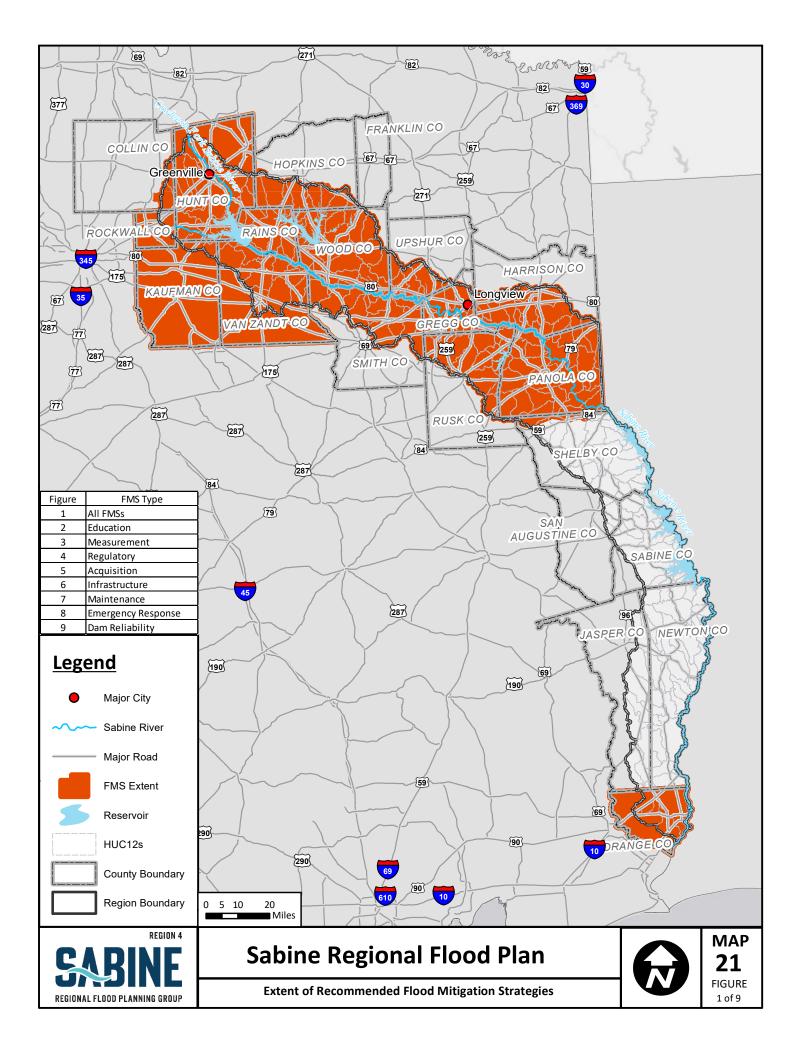


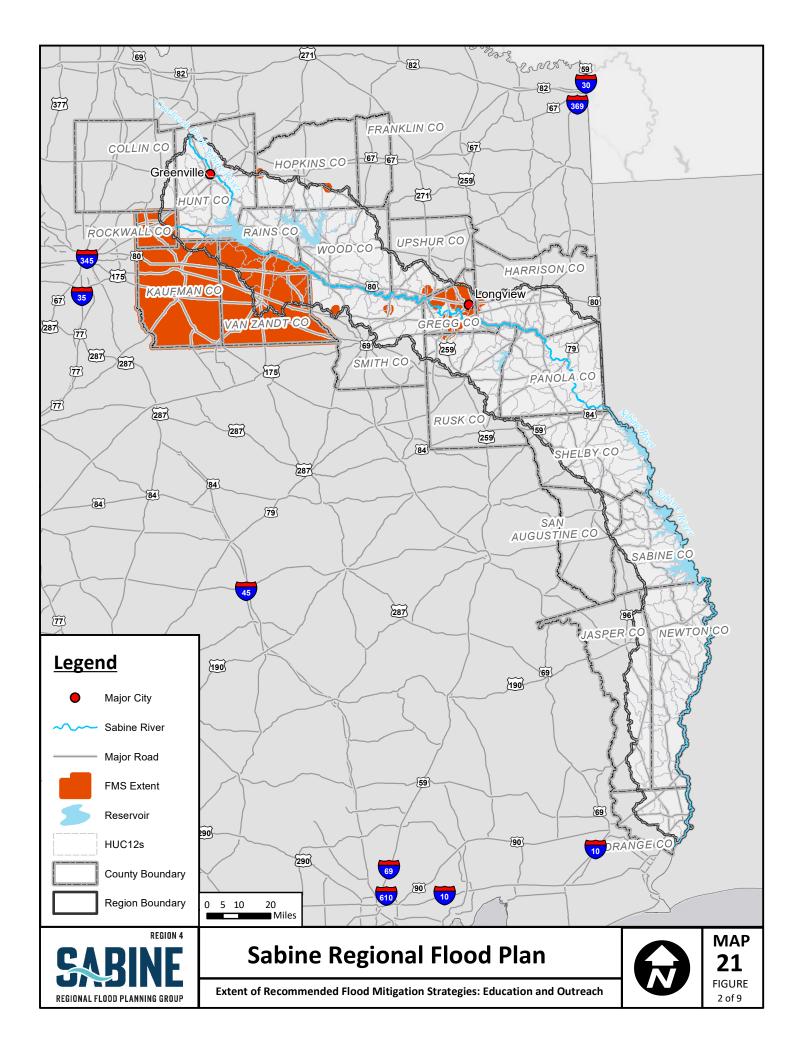


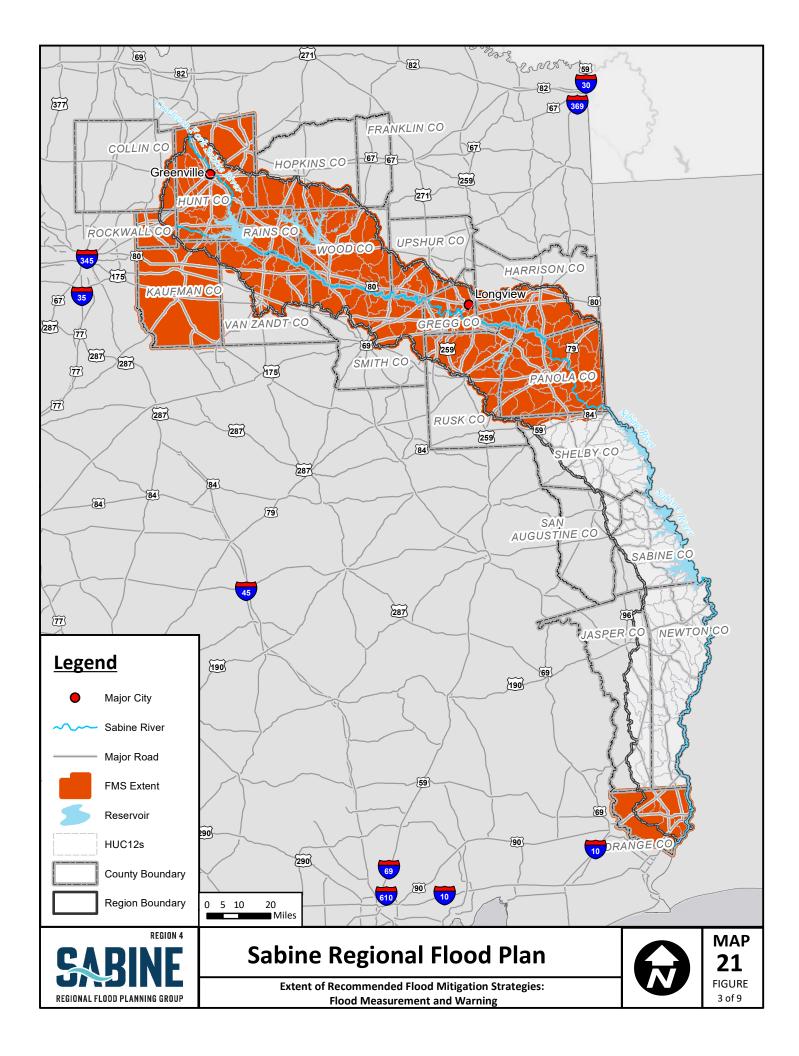


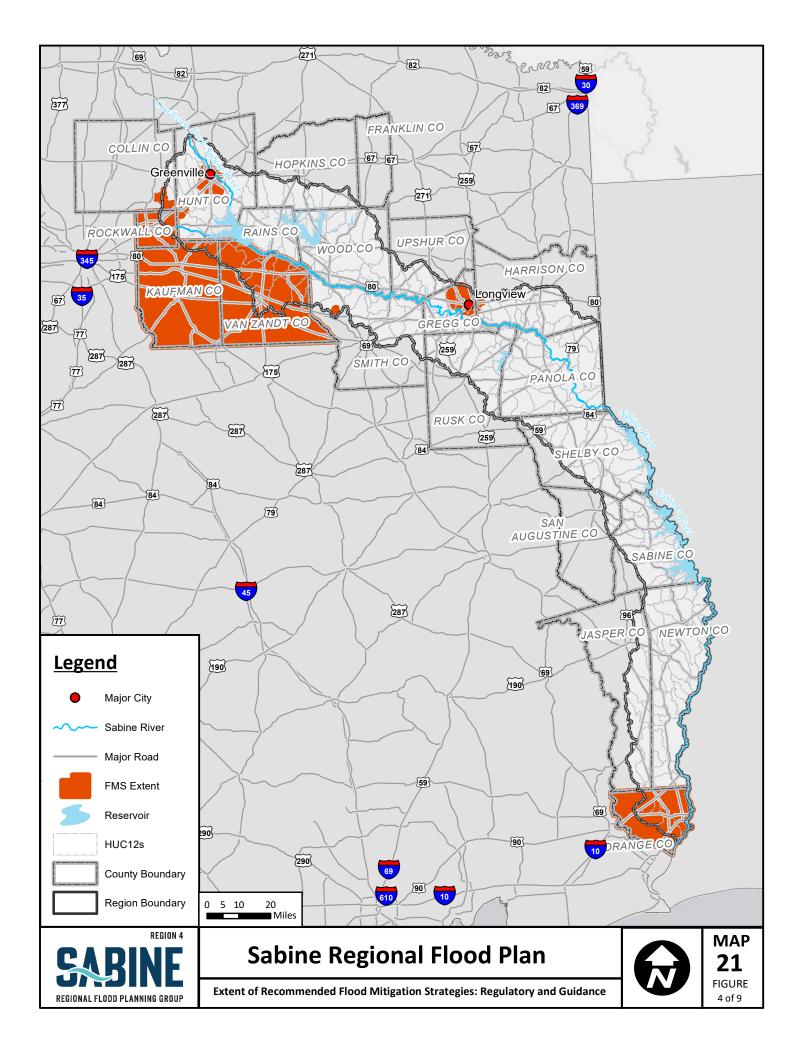


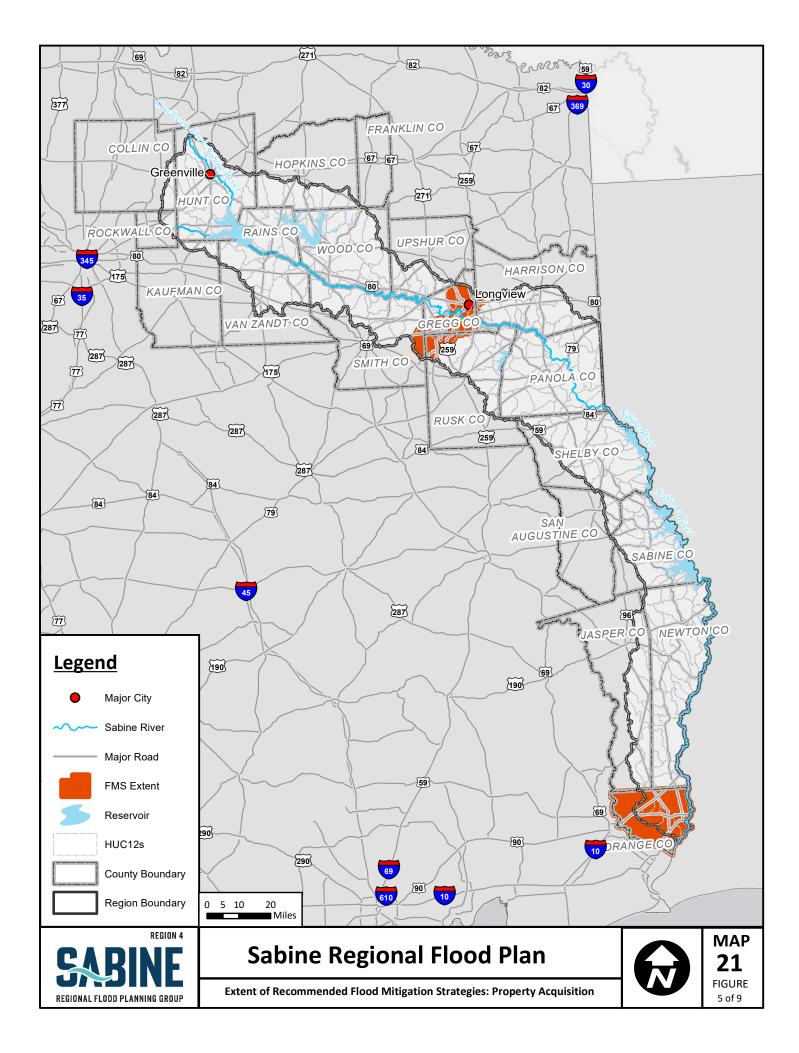


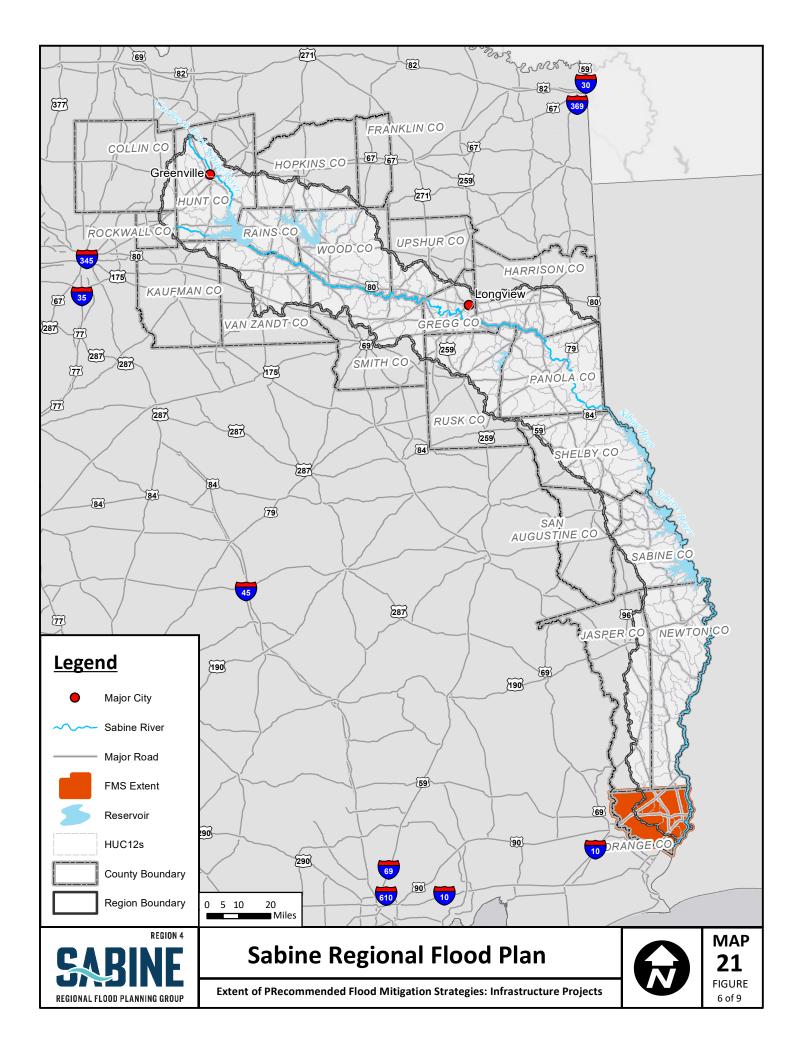


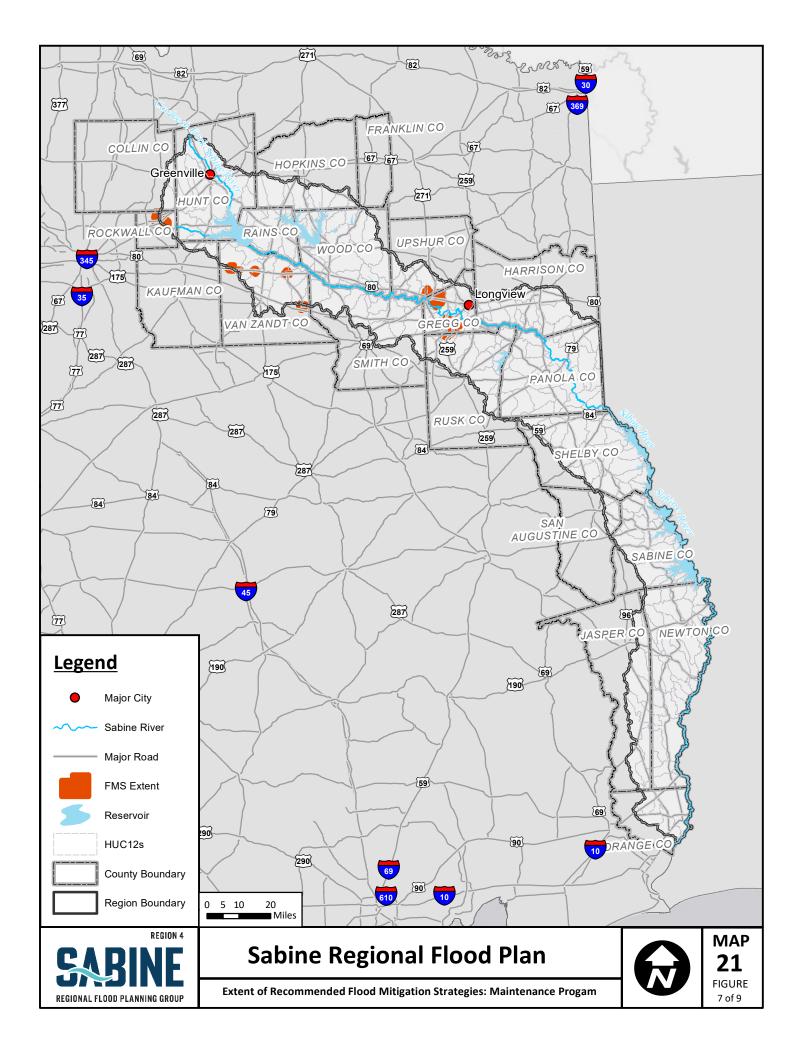


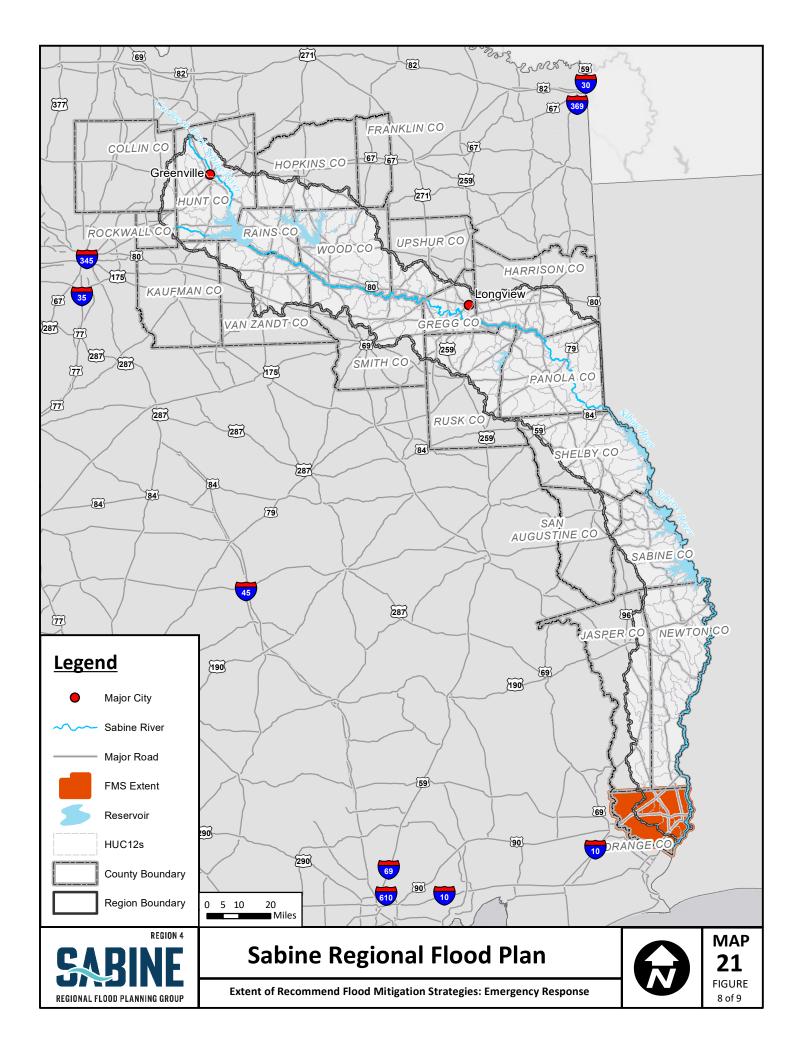


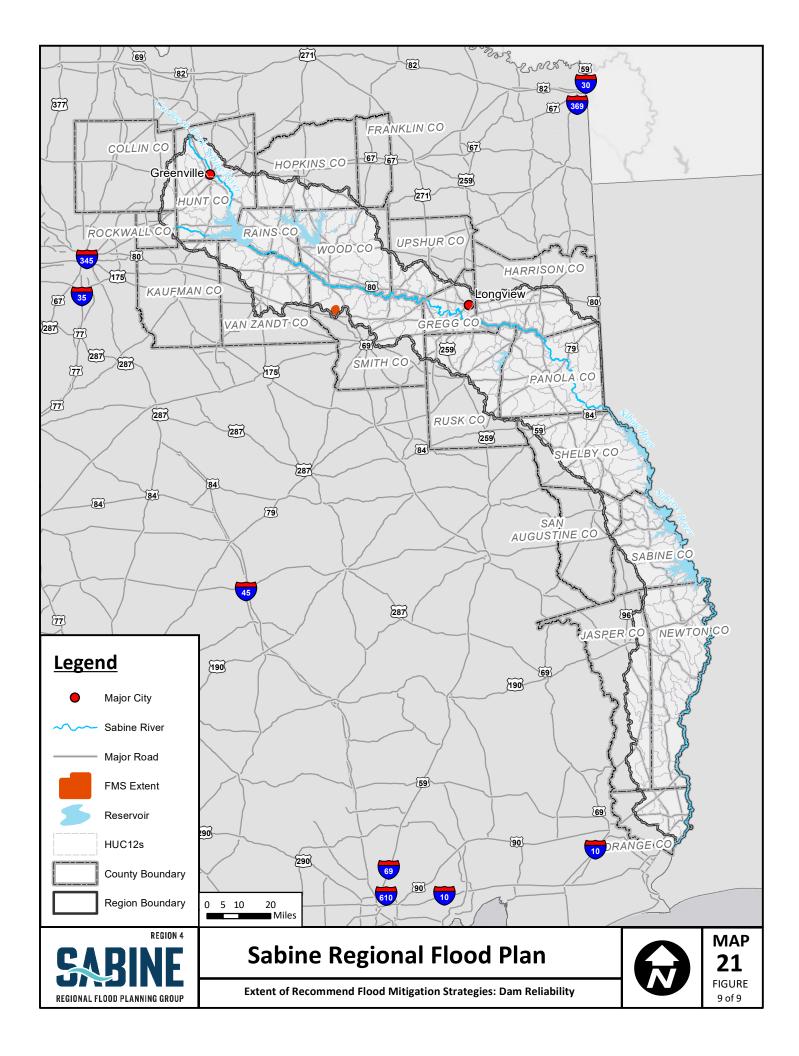


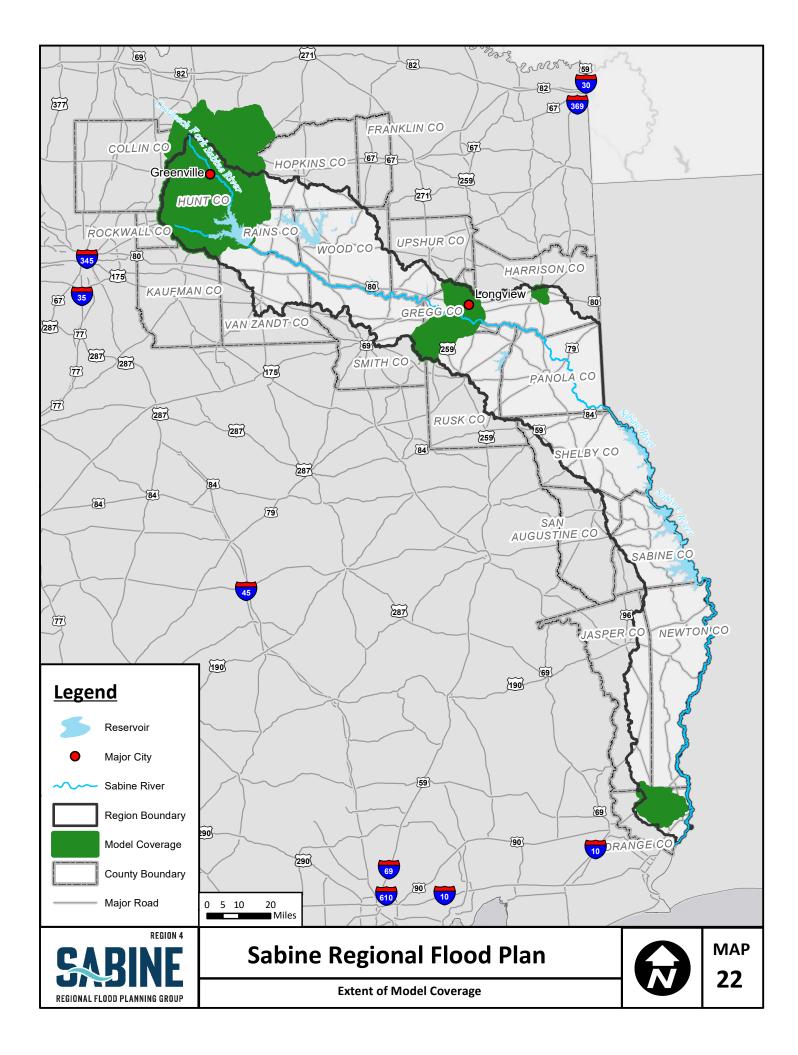












APPENDIX 5-B SUPPORTING TABLES FOR CHAPTER 5 THIS PAGE INTENTIONALLY LEFT BLANK

		858.0					Table 1	15: Recommended Flood Manageme	ent Evaluations Iden	tified 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	0400007	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, 120100020303, 120100020403, 120100020303, 120100020403, 120100020502, 120100020405, 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	12010022004, 12010002006, 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, 120100041106, 120100041002, 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 Maste Plan		04000012, 04000013, 04000014	Sabine	12010004	12010040903, 120100040904, 120100040905, 120100040903, 120100040905, 120100041003, 120100040703, 120100040702, 120100040901, 120100040902, 120100041005, 120100041104, 120100040807, 12010004106, 120100041002, 120100041103, 120100041105, 120100041101, 120100041002	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 (sgmi)	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, e 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, 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, 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, r develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	04000012, 04000013, 04000014	Panola	12010002	120100220501, 12010022004, 120100020501, 120100021004, 120100020506, 120100020502, 120100020506, 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, 120100030107, 120100030103, 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, 120100010407, 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	(sqnii) 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 Plar	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 Improvemen Study	Feasibility study to install and upgrade t undersized stormwater drains and culverts	0400007	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	0400007	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.		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	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	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	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	Assessment for Increase in Size of Culverts and Railroad Trestles on Major	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	Assessment of the Capacity of	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
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	Aligns with RFPG Goals
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 Newtor 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
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	Orange County	Yes	\$250,000	Yes	Aligns with RFPG Goals
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	Aligns with RFPG Goals
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	Aligns with RFPG Goals
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	Aligns with RFPG Goals
041000054	4	Sabine	Cow Bayou Detention Ponds Study	Flood Protection Planning Study Cow Bayou & Adams Bayou Alternative	04000007, 04000012, 04000013,	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
041000055	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
041000056	4	Sabine	Parker Creek Detention Pond	Feasibility Study of Parker Creek Detention Pond	0400007	Harrison	12010002	120100020703	Middle Sabine	Project Planning	47	Riverine	Marshall	Marshall	Yes	\$380,000	Yes	Aligns with RFPG Goals
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	Aligns with RFPG Goals
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, 120100020608	Middle Sabine	Watershed Planning	274	Riverine	Gregg	Gregg	No	\$2,200,000	Yes	Aligns with RFPG Goals
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	Aligns with RFPG Goals
041000060	4	Sabine	Jasper County Flood Hazard Mapping	county extent to delineate an updated	04000007, 04000012, 04000013, 04000014	Jasper	12010005	120100050601, 120100050602, 120100050603, 120100050604, 120100050605, 120100050607, 120100050608, 120100050801, 120100050802, 120100050803, 120100050804, 120100050901, 120100051001, 120100051002, 120100051003	Lower Sabine	Watershed Planning	966	Riverine	Jasper	Jasper	Yes	\$700,000	Yes	Aligns with RFPG Goals
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	Aligns with RFPG Goals
041000062	4	Sabine	Lawrence Road Detention Ponc Feasibility Study	d 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.	1 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.	1 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.	i 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.	1 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.	1 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.	i 04000007, 0400008	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.	i 04000007, 0400008	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.	i 04000007, 0400008	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.	1 04000007, 0400008	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	Flood Risk	Sponsor	Entities with	Emergency	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.		Harrison	12010002	120100020703, 120100020701	Middle Sabine	Project Planning	(sqmi) 13	Type Riverine	Marshall	Oversight Marshall	Need	\$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	04000007, 04000008	Smith	12010001, 12010002	120100010603, 120100010608, 120100010607, 120100020105, 120100020101, 120100020106, 120100020107, 120100020501, 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.	0400007, 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	FME Name	Description	Associated	Counties	HUC8s	HUC12s	Watershed Name	Study Type	FME Area	Flood Risk	Sponsor	Entities with	Emergency	Estimated Study	RFPG	Reason for
041000082	4	Name 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.	Goals 04000007, 0400008	lby	12010002, 12010004	120100020501, 120100021004, 120100021005, 120100021006, 120100020506, 120100020502, 120100020503, 120100020601, 120100020603, 120100020604, 120100020608, 120100020801, 120100020803, 120100020901, 120100020804, 120100020802	Middle Sabine, Toledo Bend Reservoir	Watershed Planning	(sqmi) 831	Type	Shelby	Oversight Shelby	Need	Cost \$150,000	Recommendation Yes	Recommendation 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.	0400007, 0400008	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 <i>,</i> 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		04000011 <i>,</i> 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 <i>,</i> 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 <i>,</i> 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.		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.		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.		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 <i>,</i> 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

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
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	Yes	Aligns with RFPG Goals
041000096	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
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	Yes	Aligns with RFPG Goals
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	Yes	Aligns with RFPG Goals
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	Yes	Aligns with RFPG Goals
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	Yes	Aligns with RFPG Goals
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	Yes	Aligns with RFPG Goals
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	Yes	Aligns with RFPG Goals
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	Yes	Aligns with RFPG Goals
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	Yes	Aligns with RFPG Goals
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	Yes	Aligns with RFPG Goals
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	Yes	Aligns with RFPG Goals
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	Yes	Aligns with RFPG Goals
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	Yes	Aligns with RFPG Goals
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	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
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

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
041000122	4	Sabine	Secretariat Trail Neighborhood Flooding	develop conceptual alternatives to	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		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	develop conceptual alternatives to	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	develop conceptual alternatives to	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	develop conceptual alternatives to	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.	0400007, 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	Higganbotham 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.	0400007, 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.	0400007, 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.	0400007, 0400008	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 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	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, g 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, g 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, g 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.	0400007, 0400008	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.	0400007, 0400008	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	d Flood Mitigation	n Projects Identifi	ed 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 curing 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.	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 curing 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 <i>,</i> 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 <i>,</i> 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	Sanine	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		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: Recom	inended 11000	i wialiagement	Strategies idei	itilied by KITO				
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	Sanine	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		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		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		Orange County Elevation of Residential Structures Program	Program to elevation of homes within Floodplains throughout County.	04000005	Orange	12010005	120100051003 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, 120100051005	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

## Table 17: Recommended Flood Management Strategies Identified by RFPG

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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		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 <i>,</i> 04000018	Van Zandt	12010001	120100010504, 120100010601	Upper Sabine	Regulatory and Guidance	2	Riverine
042000015	4		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		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		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		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	Sanine	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		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 120100020506,	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	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	( ity of Longview ( )nline	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	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		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	Sahine	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		Satety Improvements and	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

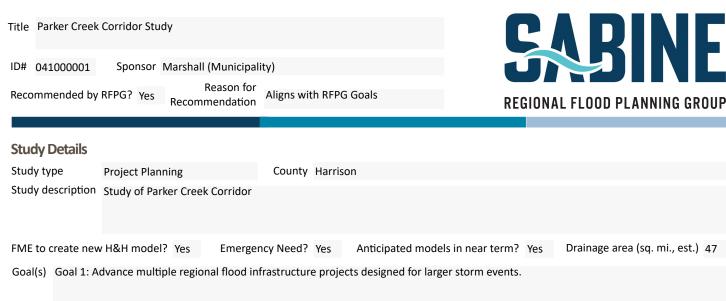
FMS ID	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Nonrecurring, Noncapital Cost (\$)	Estimated Project Cost (\$)	Potential Funding Sources and Amount	Cost/ Structure removed	Consideration of Nature-based Solution	Negative Impact	Negative Impact Mitigation	Water Supply Benefit	RFPG Recommendation	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
04000000001	Upper Sabine FIF	Hydraulic and Hydrologic model of Longview and Kilgore	4	Sabine	Hydraulic	HEC-RAS	6.3.1	2023-05-31
04000000002	Hunt County FIF	Hydraulic and Hydrologic model of Hunt County	4	Sabine	Hydraulic	HEC-RAS	6.3.1	2023-05-31
04000000003	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
04000000005	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
04000000006	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
				All impacts are within Exhibit C						Orange County			
4	043000001	Terry Gully Regional Detention Pond 1	Yes	criteria for 2D hydraulic model	No		Yes	Model	04000000005	Task 12	Orange County Task 12		
				All impacts are within Exhibit C						Orange County			
4	043000002	Terry Gully Regional Detention Pond 2	res	criteria for 2D hydraulic model All impacts are within Exhibit C	No		Yes	Model	04000000005	Task 12 Orange County	Orange County Task 12		
4	043000003	Terry Gully Regional Detention Pond 3	Yes	criteria for 2D hydraulic model	No		Yes	Model	04000000005	Task 12	Orange County Task 12		
				All impacts are within Exhibit C						Orange County			
4	043000004	Terry Gully Regional Detention Pond 4 Claiborne Park Regional Detention	Yes	criteria for 2D hydraulic model All impacts are within Exhibit C	No		Yes	Model	04000000005	Task 12 Orange County	Orange County Task 12		
4	043000005		Yes	criteria for 2D hydraulic model	No		Yes	Model	04000000005	Task 12	Orange County Task 12		
		Kinard Estates Drainage		All impacts are within Exhibit C						Orange County			
4	043000006	Improvements Elevation of Feeder Road Along IH-10	Yes	criteria for 2D hydraulic model All impacts are within Exhibit C	No		Yes	Model	04000000005	Task 12 Orange County	Orange County Task 12		
4	043000007		Yes	criteria for 2D hydraulic model	No		Yes	Model	04000000005	Task 12	Orange County Task 12		
				All impacts are within Exhibit C						Orange County			
4	043000008	Lawrence Road Detention Pond	Yes	criteria for 2D hydraulic model	No		Yes	Model	04000000005	Task 12 Orango County	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	04000000005	Orange County Task 12	Orange County Task 12		
				All impacts are within Exhibit C						Orange County			
4	043000010	Upper Adams Detention Pond	Yes	criteria for 2D hydraulic model	No		Yes	Model	04000000005	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	04000000005	Orange County Task 12	Orange County Task 12		
				All impacts are within Exhibit C									
4	043000012	CR-2400 Drainage Improvements	Yes	criteria for 2D hydraulic model	No		Yes	Model	04000000002	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	04000000002	Hunt County FIF	Hunt County FIF		
	045000015	en 2700 Branage improvements	105	All impacts are within Exhibit C			105	model	04000000002	hait county in	nune county m		
4	043000014	CR-3101 Drainage Improvements	Yes	criteria for 2D hydraulic model	No		Yes	Model	04000000002	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	04000000002	Hunt County FIF	Hunt County FIF		
-	045000015	ch 4105 brainage improvements	163	All impacts are within Exhibit C	110		163	Woder	04000000002	Thank county Th	nune county m		
4	043000016	CR-4106 Drainage Improvements	Yes	criteria for 2D hydraulic model	No		Yes	Model	04000000002	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"		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
-	045000017	Kilgore Downtown Storm Sewer	163	of the levee	103	design enterna or no rise	163	Judgement			Downtown Storm Sewer		Record in Appendix 5-1
4	043000018	Master Plan Improvements	Yes	No impacts	No		Yes	Model, Study	04000000003	Kilgore SWMM	Master Plan Kilgore, Texas		
	043000019	Turtle Creek Detention Pond	Yes	All impacts are within Exhibit C criteria for 2D hydraulic model	No		Yes	Model	04000000004	Parker Creek Corridor	Parker Creek Corridor		
-	045000015	Turtle creek betention Fond	163	All impacts are within Exhibit C	110		163	Woder	040000000004	Parker Creek	Tarker Creek Corridor		
4	043000020	Parker Creek Maintenance	Yes	criteria for 2D hydraulic model	No		Yes	Model	04000000004	Corridor	Parker Creek Corridor		
	043000021	Turtle Creek Maintenance	Yes	All impacts are within Exhibit C criteria for 2D hydraulic model	No		Yes	Model	04000000004	Parker Creek Corridor	Parker Creek Corridor		]
4	0-3000021	Upper Happy Hollow Drainage		All impacts are within Exhibit C				mouch	5-100000004	Parker Creek	and creek comuon		
4	043000022		Yes	criteria for 2D hydraulic model	No		Yes	Model	04000000004	Corridor	Parker Creek Corridor		
	043000023	Parker Creek Detention Pond	Yes	All impacts are within Exhibit C criteria for 2D hydraulic model	No		Yes	Model	04000000004	Parker Creek Corridor	Parker Creek Corridor		
4	0-1000023	Upper Happy Hollow Drainage		All impacts are within Exhibit C					5-000000004	Parker Creek	STREET CIECK CUTHUUI		
4	043000024	Improvement - Smith Park	Yes	criteria for 2D hydraulic model	No		Yes	Model	04000000004	Corridor	Parker Creek Corridor		
	043000025	Parker Creek Improvements	Yes	All impacts are within Exhibit C	No		Yes	Model	04000000004	Parker Creek Corridor	Parker Creek Corridor		
4	043000023	Parker Creek Improvements	163	criteria for 2D hydraulic model			163	WOUCI	0400000004		Parker Creek Corridor		
	043000026	City of Longview Property Acquisition		No impacts	No		Yes	Model					
4	043000027	City of Kilgore Property Buyout	Yes	No impacts	No		Yes	Model		Orango County			
4	043000029	Orange County Property Buyouts	Yes	No impacts	No		Yes	Model	04000000005	Orange County Task 12	Orange County Task 12		1
		Orange County Elevation of			-					Orange County			
4	043000030		Yes	No impacts	No		Yes	Model	04000000005	Task 12	Orange County Task 12		
	043000031	Bighead Creek Flooding - Roadway Improvements to Stone Road	Yes	All impacts are within Exhibit C criteria for 2D hydraulic model	No		Yes	Model	04000000001	Upper Sabine FIF	Upper Sabine FIF		
4				All impacts are within Exhibit C						apper and the tri			
4			1	All impacts are within Exhibit C		1							
	043000032	Harris Creek Tributary Flooding Iron Bridge Creek Neighborhood	Yes	criteria for 2D hydraulic model All impacts are within Exhibit C	No		Yes	Model	04000000001	Upper Sabine FIF	Upper Sabine FIF		

APPENDIX 5-C ONE PAGE SUMMARIES THIS PAGE INTENTIONALLY LEFT BLANK

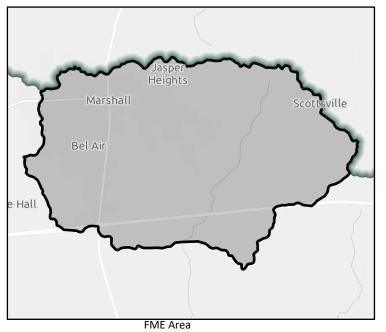


#### **100-Year Flood Risk Summary**

Flood risk type: Riverine?YesCoastal?NoLocal Flooding?NoOther?NoFarm/Ranch land impacted (ac.)897Roadways impacted (miles)23444 <td< th=""><th>Population at risk 4,563</th><th># of structures</th><th>598</th><th># of critical facilities 1</th></td<>	Population at risk 4,563	# of structures	598	# of critical facilities 1
	Flood risk type: Riverine? Yes	Coastal? No	Local Flooding? No	Other? No
# of low water crossings     0     # of historical road closures     0	Farm/Ranch land impacted (ac.)	897	Roadways impacted (miles)	23
	# of low water crossings	0	# of historical road closures	0

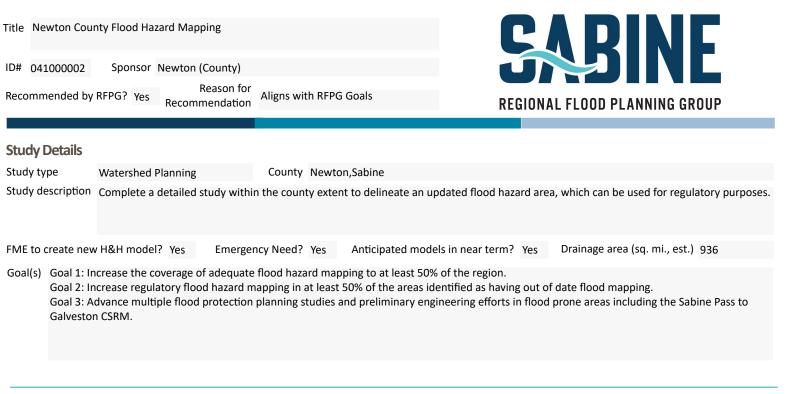
### **Estimated Cost and Funding Availability**

Total Cost \$380,000 Potential federal funding availability? Yes Potential Federal Funding Sources





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### **100-Year Flood Risk Summary**

Population at risk 2,585	# of structures	3,237	# of critical facilities 324
Flood risk type: Riverine? Yes	Coastal? Yes	Local Flooding? No	Other? No
Farm/Ranch land impacted (ac.)	8,621	Roadways impacted (miles)	152
# of low water crossings	10	# of historical road closures	10

#### **Estimated Cost and Funding Availability**

Total<br/>CostPotential federal<br/>funding availability?Potential federal<br/>YesPotential Federal<br/>Funding Sources





**REGION 4** 

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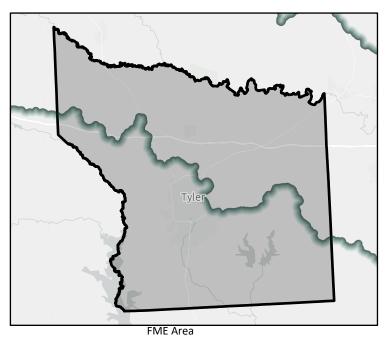
CARI Title Smith County Flood Hazard Mapping ID# 041000003 Sponsor Smith (County) Reason for Aligns with RFPG Goals Recommended by RFPG? Yes **REGIONAL FLOOD PLANNING GROUP** Recommendation **Study Details** Study type Watershed Planning County Smith, Van Zandt, Rains, Wood Study description Complete 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.) 946 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 1,990	# c	of structures 1,303	# of critical facilities 7	
Flood risk type: Riverine? Yes	Coastal? N	No Local Flooding? No	Other? No	
Farm/Ranch land impacted (ac.)	10,559	Roadways impacted (	miles) 61	
# of low water crossings	0	# of historical road clo	osures 0	

#### **Estimated Cost and Funding Availability**

Total	Potential federal	Potential Federal
Total Cost \$4,275,000	funding availability? Yes	
Cost	funding availability?	Funding Sources





**REGION 4** 

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 Title
 Smith County Drainage Master Plan

 ID#
 041000004
 Sponsor
 Smith (County)

 Recommended by RFPG?
 Yes
 Reason for Recommendation



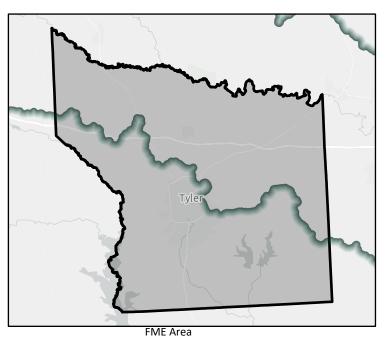
Study Details	;		
Study type	Watershed Planning	County Smith, Van Zandt, Rains, Wood	
Study description		ntify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for ank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	
Goal(s) Goal 1	: Increase the coverage of adequa	gency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.) 946 ate flood hazard mapping to at least 50% of the region. I mapping in at least 50% of the areas identified as having out of date flood mapping.	
Goal 3	<b>o</b> ,	on planning studies and preliminary engineering efforts in flood prone areas including the Sabine Pass to	

### **100-Year Flood Risk Summary**

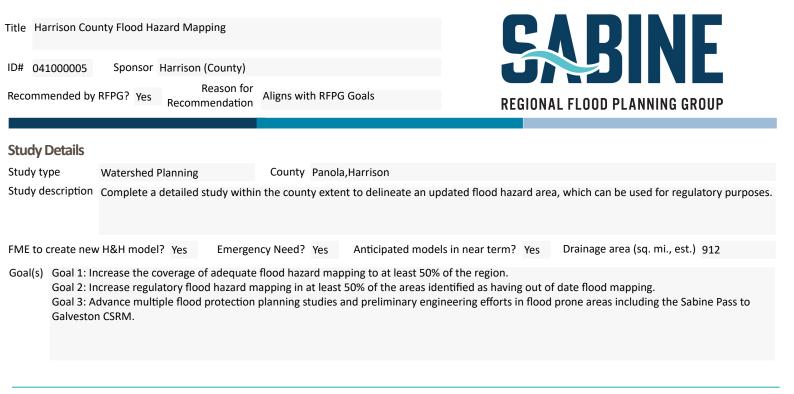
Flood risk type: Riverine?YesCoastal?NoLocal Flooding?NoOther?NoFarm/Ranch land impacted (ac.)10,55910,559Roadways impacted (miles)61# of low water crossings0# of historical road closures0	Population at risk 1,990	# of structures	5 1,303	# of critical facilities 7
	Flood risk type: Riverine? Yes	Coastal? No	Local Flooding? No	Other? No
# of low water crossings0# of historical road closures0	Farm/Ranch land impacted (ac.)	,559	Roadways impacted (miles)	61
	# of low water crossings (		# of historical road closures	0

#### **Estimated Cost and Funding Availability**

Total		Potential federal	Potential Federal
Total	¢1 000 000	Vec	Fotential rederat
Cost	\$1,900,000	funding availability? Yes	Funding Sources
COSt			





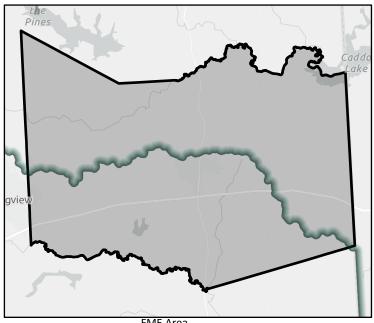


### **100-Year Flood Risk Summary**

Population at risk 5,521		# of structures	5 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 im	oacted (miles)	82	
# of low water crossings	2		# of historical	road closures	2	

### **Estimated Cost and Funding Availability**

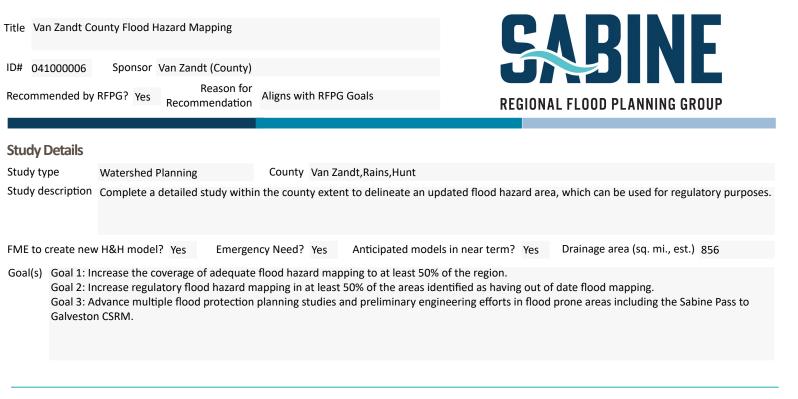
Total	Potential federal	Potential Federal
	Voc	rotential rederal
Cost \$1,850,000	funding availability? Yes	Funding Sources
6651		





**REGION 4** 

FME Area

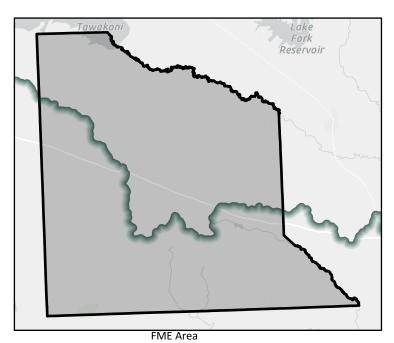


### **100-Year Flood Risk Summary**

Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No   Farm/Ranch land impacted (ac.) 26,372 Roadways impacted (miles) 79 Impacted (miles) 9   # of low water crossings 9 Impacted (coastal) 9 Impacted (coastal) 9	Population at risk 1,471	# of structur	es 1,080	# of critical facilities 13
	Flood risk type: Riverine? Yes	Coastal? No	Local Flooding? No	Other? No
# of low water crossings9# of historical road closures9	Farm/Ranch land impacted (ac.)	26,372	Roadways impacted (miles)	79
	# of low water crossings	9	# of historical road closures	9

### **Estimated Cost and Funding Availability**

Total	Potential federal	Potential Federal
Total		Fotential Federal
Cost \$2,230,000	funding availability? Yes	Funding Sources





CARI Title Upshur County Drainage Master Plan ID# 041000007 Sponsor Upshur (County) Reason for Aligns with RFPG Goals Recommended by RFPG? Yes **REGIONAL FLOOD PLANNING GROUP** Recommendation **Study Details** Study type County Smith,Wood,Upshur Watershed Planning 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

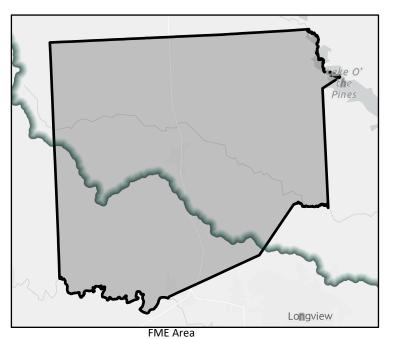
Goal(s) Goal 1: Increase the coverage of adequate flood hazard mapping to at least 50% of the region. Goal 2: Increase regulatory flood hazard mapping in at least 50% of the areas identified as having out of date flood mapping. Goal 3: Advance multiple flood protection planning studies and preliminary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

#### **100-Year Flood Risk Summary**

Population at risk 281	# of structures	328	# of critical facilities 0
Flood risk type: Riverine? Yes	Coastal? No	Local Flooding? No	Other? No
Farm/Ranch land impacted (ac.)	4,148	Roadways impacted (miles)	28
# of low water crossings	4	# of historical road closures	4

#### **Estimated Cost and Funding Availability**

Total	Potential federal	Potential Federal
Cost \$200,000	funding availability? Yes	Funding Sources



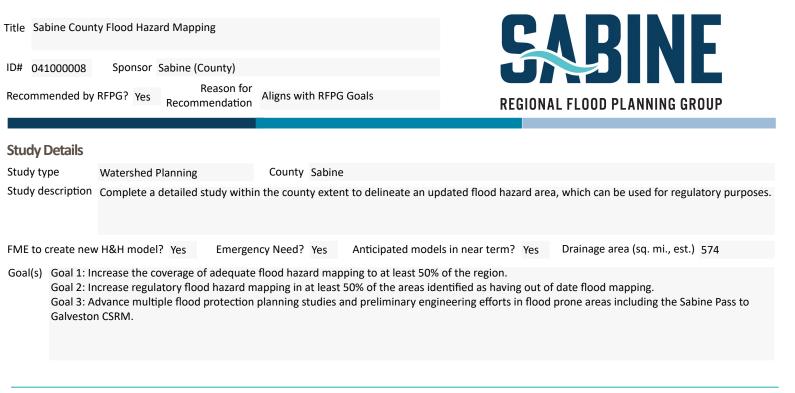


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Regional view of FME area

**REGION 4** 

Drainage area (sq. mi., est.) 590

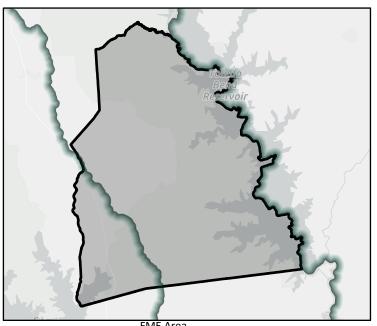


### **100-Year Flood Risk Summary**

Population at risk 762	# c	of structures 1,611	# of critical facilities 0
Flood risk type: Riverine? Yes	Coastal? N	Local Flooding? No	Other? No
Farm/Ranch land impacted (ac.)	2,311	Roadways impacte	ed (miles) 33
# of low water crossings	6	# of historical road	d closures 6

#### **Estimated Cost and Funding Availability**

Total	Potential federal	Potential Federal
Total	Voc	Fotential Federal
Cost \$1,100,000	funding availability? Yes	Funding Sources
0000	8	8





**REGION 4** 

FME Area

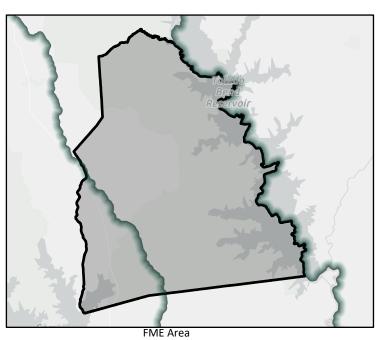
CARIN Title Sabine County Drainage Master Plan ID# 041000009 Sponsor Sabine (County) Reason for Aligns with RFPG Goals Recommended by RFPG? Yes **REGIONAL FLOOD PLANNING GROUP** Recommendation **Study Details** Study type County Sabine Watershed Planning Study description Perform H&H modeling to identify 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 CSRM.

#### **100-Year Flood Risk Summary**

Flood risk type: Riverine?YesCoastal?NoLocal Flooding?NoOther?NoFarm/Ranch land impacted (ac.)2,311Roadways impacted (miles)33# of low water crossings6# of historical road closures6	Population at risk 762	# of structures 1,611	# of critical facilities 0
	Flood risk type: Riverine? Yes	Coastal? No Local Flooding? No	Other? No
# of low water crossings6# of historical road closures6	Farm/Ranch land impacted (ac.) 2,311	Roadways impacted	(miles) 33
	# of low water crossings 6	# of historical road cl	losures 6

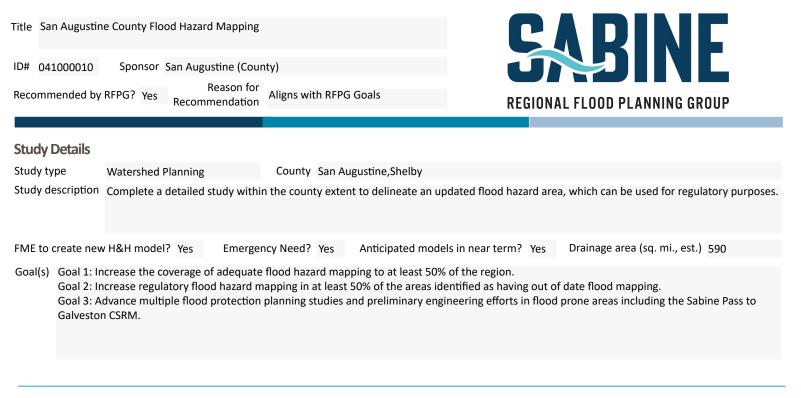
#### **Estimated Cost and Funding Availability**

Total	Potential federal	Potential Federal
Total Cost \$460,000	funding availability? Yes	Funding Sources
COST	ranang avalability.	





Regional view of FME area

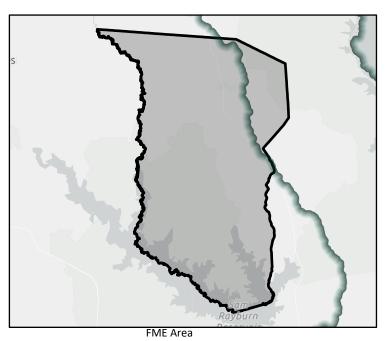


### **100-Year Flood Risk Summary**

Population at risk 0		# of structures	1	#	of critical facilities 0	
Flood risk type: Riverine? Yes	Coas	stal? No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	346		Roadways imp	oacted (miles)	2	
# of low water crossings	0		# of historical	road closures	0	

#### **Estimated Cost and Funding Availability**

Total	Potential federal	Potential Federal
Total Cost \$100,000	funding availability?	Funding Sources
6631		





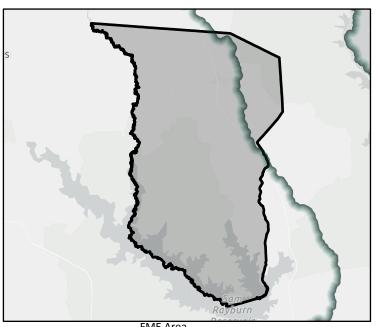
CARIN Title San Augustine County Drainage Master Plan ID# 041000011 Sponsor San Augustine (County) Reason for Aligns with RFPG Goals Recommended by RFPG? Yes **REGIONAL FLOOD PLANNING GROUP** Recommendation **Study Details** Study type County San Augustine, Shelby Watershed Planning Study description 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.) 590 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 0		# of structure	5 1	# of critical facilities 0
Flood risk type: Riverine? Yes	Coastal	No	Local Flooding? No	Other? No
Farm/Ranch land impacted (ac.)	346		Roadways impacted (miles	3) 2
# of low water crossings	0		# of historical road closure	s 0

#### **Estimated Cost and Funding Availability**

Total Potential fede		Potential Federal
Total Potential fede Cost \$50,000 funding availa	pility? Yes	Funding Sources





**REGION 4** 

FME Area

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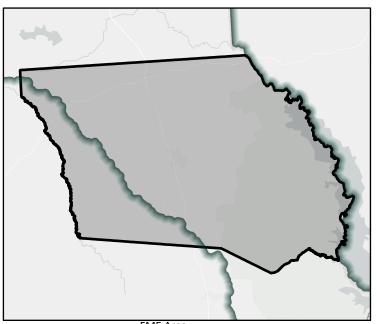
CARIN Title Shelby County Flood Hazard Mapping ID# 041000012 Sponsor Shelby (County) Reason for Aligns with RFPG Goals Recommended by RFPG? Yes **REGIONAL FLOOD PLANNING GROUP** Recommendation **Study Details** Study type Watershed Planning County Rusk, Panola, Shelby Study description Complete a detailed 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.) 831 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**

Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No   Farm/Ranch land impacted (ac.) 9,764 Roadways impacted (miles) 49 49   # of low water crossings 3 # of historical road closures 3	Population at risk 225	# of structures	800	# of critical facilities 0
	Flood risk type: Riverine? Yes	Coastal? No	Local Flooding? No	Other? No
# of low water crossings3# of historical road closures3	Farm/Ranch land impacted (ac.)	9,764	Roadways impacted (miles)	49
	# of low water crossings	3	# of historical road closures	3

### **Estimated Cost and Funding Availability**

Tatal	Potential federal	Potential Federal
Total	Ves	
Cost \$375,500	funding availability? Yes	Funding Sources





**REGION 4** 

FME Area

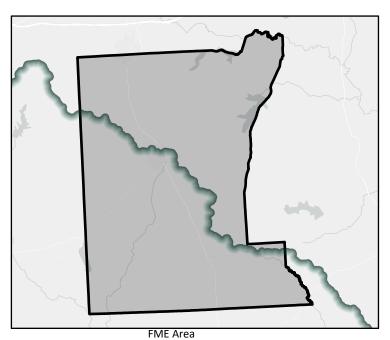
CARIN Title Rusk County Flood Hazard Mapping ID# 041000013 Sponsor Rusk (County) Reason for Aligns with RFPG Goals Recommended by RFPG? Yes **REGIONAL FLOOD PLANNING GROUP** Recommendation **Study Details** Study type County Rusk,Smith,Gregg Watershed Planning Study description Complete a detailed study 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.) 935 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**

Flood risk type: Riverine?YesCoastal?NoLocal Flooding?Other?NoFarm/Ranch land impacted (ac.)13,283Roadways impacted (miles)554000000000000000000000000000000000000	Population at risk 1,374		# of structures	899	# of critical facilities 2
	Flood risk type: Riverine? Yes	Coastal?	No	Local Flooding? No	Other? No
# of low water crossings5# of historical road closures5	Farm/Ranch land impacted (ac.)	13,283		Roadways impacted (miles)	55
	# of low water crossings	5		# of historical road closures	5

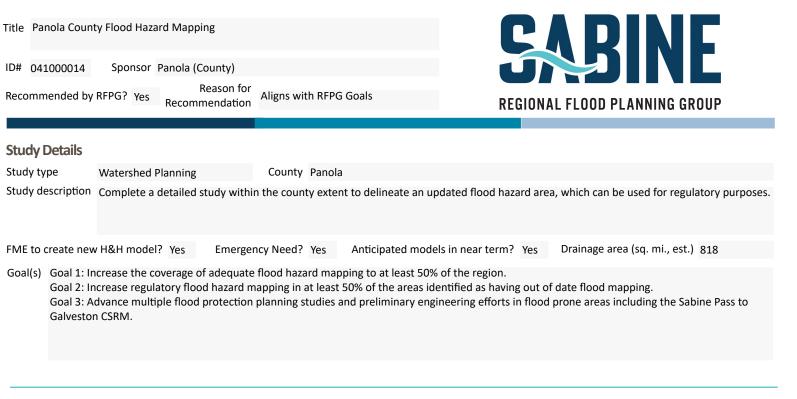
### **Estimated Cost and Funding Availability**

Total<br/>\$1,850,000Potential federal<br/>funding availability?YesPotential Federal<br/>Funding Sources





**REGION 4** 

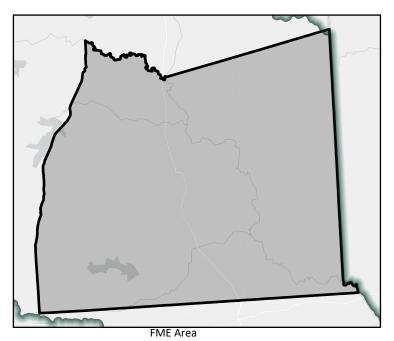


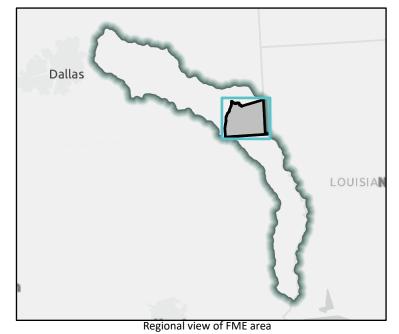
### **100-Year Flood Risk Summary**

Flood risk type: Riverine?YesCoastal?NoLocal Flooding?NoOther?NoFarm/Ranch land impacted (ac.)24,45924,459Roadways impacted (miles)119# of low water crossings10# of historical road closures10	Population at risk 1,416	# of structures	5 750	# of critical facilities 2
	Flood risk type: Riverine? Yes	Coastal? No	Local Flooding? No	Other? No
# of low water crossings10# of historical road closures10	Farm/Ranch land impacted (ac.) 24,	59	Roadways impacted (miles)	119
	# of low water crossings 10		# of historical road closures	10

#### **Estimated Cost and Funding Availability**

Total	Potential federal	Potential Federal
Total	Yes	
Cost \$3,700,000	funding availability? Yes	Funding Sources
	6 /	5





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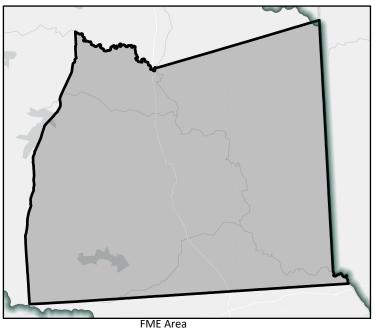
CARIN Title Panola County Drainage Master Plan ID# 041000015 Sponsor Panola (County) Reason for Aligns with RFPG Goals Recommended by RFPG? Yes **REGIONAL FLOOD PLANNING GROUP** Recommendation **Study Details** Study type Watershed Planning County Panola Study description Perform H&H modeling to identify 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.) 818 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**

Flood risk type: Riverine?YesCoastal?NoLocal Flooding?NoOther?NoFarm/Ranch land impacted (ac.)24,459Roadways impacted (miles)119119# of low water crossings10# of historical road closures10	Population at risk 1,416	# of structures 750	# of critical facilities 2
	Flood risk type: Riverine? Yes	Coastal? No Local Flooding? No	Other? No
# of low water crossings10# of historical road closures10	Farm/Ranch land impacted (ac.) 24,459	Roadways impacted	l (miles) 119
	# of low water crossings 10	# of historical road o	closures 10

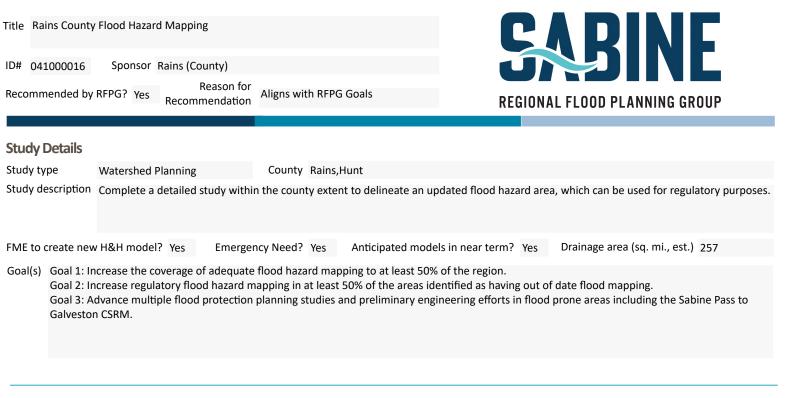
#### **Estimated Cost and Funding Availability**

Tatal D	Potential federal	Potential Federal
Total P Cost \$1,700,000 fu	unding availability? Yes	Funding Sources





**REGION 4** 

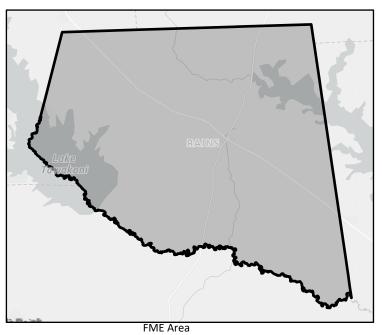


#### **100-Year Flood Risk Summary**

Population at risk 258	# of structures	277	# of critical facilities 0
Flood risk type: Riverine? Yes	Coastal? No	Local Flooding? No	Other? No
Farm/Ranch land impacted (ac.)	13,842	Roadways impacted (miles)	35
# of low water crossings	4	# of historical road closures	4

### **Estimated Cost and Funding Availability**

Total	Potential federal	Potential Federal
Cost \$2,100,000	funding availability? Yes	Funding Sources
COST	ranang avalability.	





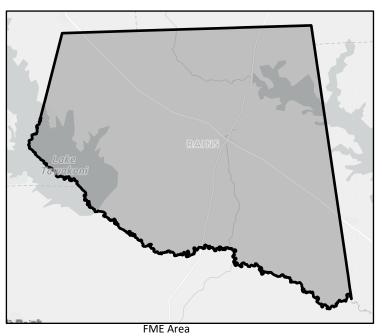
CARI Title Rains County Drainage Master Plan ID# 041000017 Sponsor Rains (County) Reason for Aligns with RFPG Goals Recommended by RFPG? Yes **REGIONAL FLOOD PLANNING GROUP** Recommendation **Study Details** Study type County Rains, Hunt Watershed Planning Study description Perform H&H modeling to identify 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.) 257 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 258		# of structures	5 277	#	# of critical facilities 0	
Flood risk type: Riverine? Yes	Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	13,842		Roadways imp	acted (miles)	35	
# of low water crossings	4		# of historical	road closures	4	

#### **Estimated Cost and Funding Availability**

Total	Potential federal	Potential Federal
Cost \$600,000	funding availability?	Funding Sources
COSL	runung availability:	Fulluling Sources





Regional view of FME area

CARIN Title Wood County Flood Hazard Mapping ID# 041000018 Sponsor Wood (County) Reason for Aligns with RFPG Goals Recommended by RFPG? Yes **REGIONAL FLOOD PLANNING GROUP** Recommendation **Study Details** Study type County Smith, Van Zandt, Rains, Wood Watershed Planning 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.) 693 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 1,773		# of structures	5 1,546	# of critical facilities 7
Flood risk type: Riverine? Yes	Coastal?	No	Local Flooding? No	Other? No
Farm/Ranch land impacted (ac.)	18,534		Roadways impacted (miles)	105
# of low water crossings	1		# of historical road closures	1

### **Estimated Cost and Funding Availability**

Total<br/>CostPotential federal<br/>funding availability?Potential federal<br/>YesPotential Federal<br/>Funding Sources





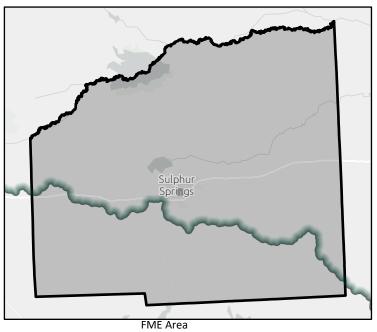
CARIN Title Hopkins County Flood Hazard Mapping ID# 041000019 Sponsor Hopkins (County) Reason for Aligns with RFPG Goals Recommended by RFPG? Yes **REGIONAL FLOOD PLANNING GROUP** Recommendation **Study Details** Study type County Wood, Hopkins, Franklin Watershed Planning Study description Complete 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 CSRM.

### **100-Year Flood Risk Summary**

Population at risk 92		# of structures	5 156	# 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	s 5

#### **Estimated Cost and Funding Availability**

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





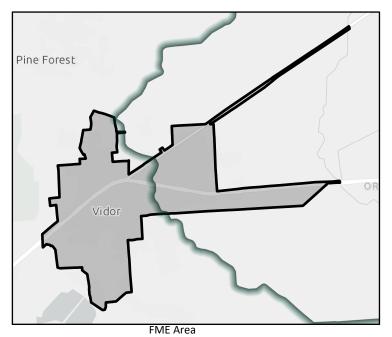
Title Vidor Draina	ge Master Pl	an			C	<b>A RII</b>	
ID# 041000020	Sponsor	Vidor (Municipality)					
Recommended by	RFPG? Yes	Reason for Recommendation	Aligns with RFPG G	Goals	REGION	AL FLOOD PLANN	NG GROUP
Study Details							
Study type	Watershed	Planning	County Orange				
Study description	Perform stu	idy of existing culvert	s and drainage capa	ibilities in town. Id	entify upgrades to drai	inage infrastructure ca	pacity where needed.
FME to create nev	v H&H mode	I? Yes Emerger	icy Need? Yes	Anticipated model	s in near term? Yes	Drainage area (sq. r	ni., est.) 12
<ul> <li>Goal(s) Goal 1: Increase the coverage of adequate flood hazard mapping to at least 50% of the region.</li> <li>Goal 2: Increase regulatory flood hazard mapping in at least 50% of the areas identified as having out of date flood mapping.</li> <li>Goal 3: Advance multiple flood protection planning studies and preliminary engineering efforts in flood prone areas including the Sabine Pass to Galveston CSRM.</li> </ul>							

## **100-Year Flood Risk Summary**

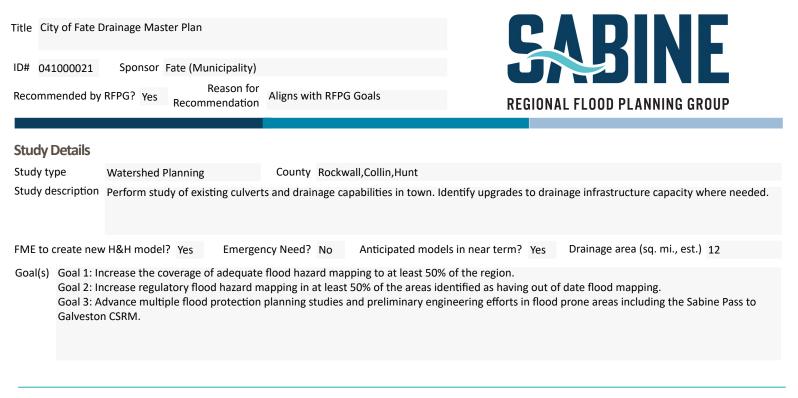
Flood risk type: Riverine?YesCoastal?NoLocal Flooding?NoOther?NoFarm/Ranch land impacted (ac.)58Roadways impacted (miles)26# of low water crossings0# of historical road closures0	Population at risk 2,001	# of struc	ctures 1,154	# of critical facilities 0
	Flood risk type: Riverine? Yes	Coastal? No	Local Flooding? No	Other? No
# of low water crossings0# of historical road closures0	Farm/Ranch land impacted (ac.)	58	Roadways impacted (miles)	) 26
	# of low water crossings	0	# of historical road closures	s 0

## **Estimated Cost and Funding Availability**

Total	Potential federal	Potential Federal
Total	Voc	Fotential rederal
Cost \$1,200,000	funding availability? Yes	Funding Sources
cost		





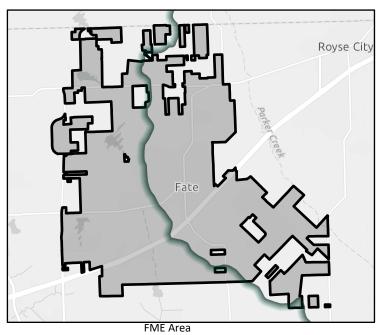


### **100-Year Flood Risk Summary**

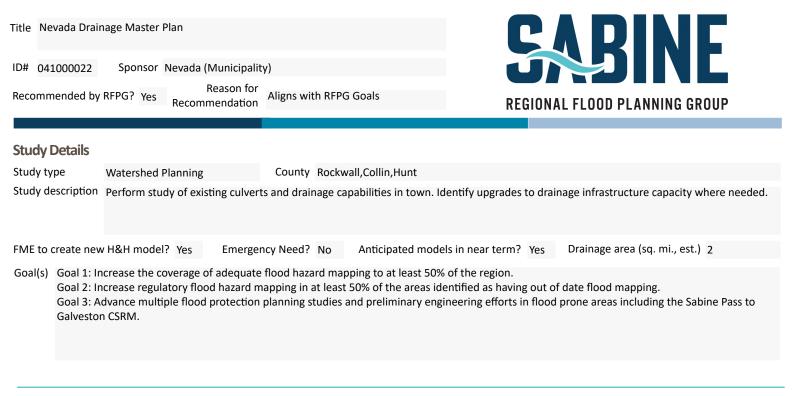
Population at risk 128	#	of structures 21	#	# of critical facilities 0	
Flood risk type: Riverine? Yes	Coastal?	No Local Floo	oding? No	Other? No	
Farm/Ranch land impacted (ac.)	164	Roadv	vays impacted (miles)	3	
# of low water crossings	1	# of hi	istorical road closures	1	

### **Estimated Cost and Funding Availability**

Tatal	Potential federal	Potential Federal
Total	Yes	
Cost \$450,000	funding availability? Yes	Funding Sources





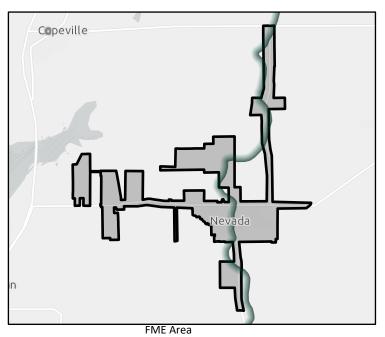


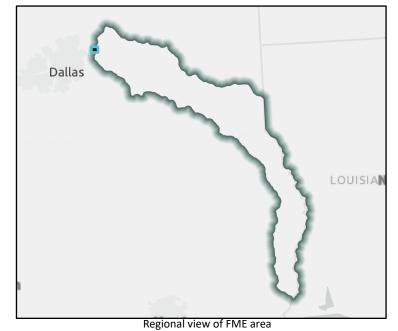
### **100-Year Flood Risk Summary**

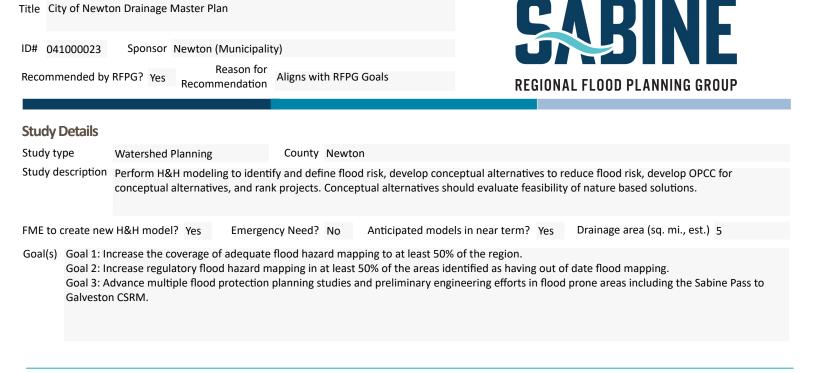
Population at risk 3		# of structures	1	ŧ	of critical facilities 0	
Flood risk type: Riverine? Yes	Coast	al? No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	11		Roadways imp	acted (miles)	0	
# of low water crossings	0		# of historical	road closures	0	

### **Estimated Cost and Funding Availability**

Total	Potential federal	Potential Federal
Cost \$100,000	funding availability?	Funding Sources
6031	fanang avalability.	





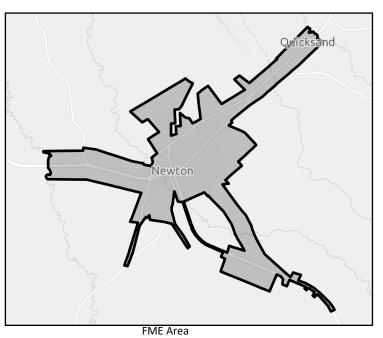


### **100-Year Flood Risk Summary**

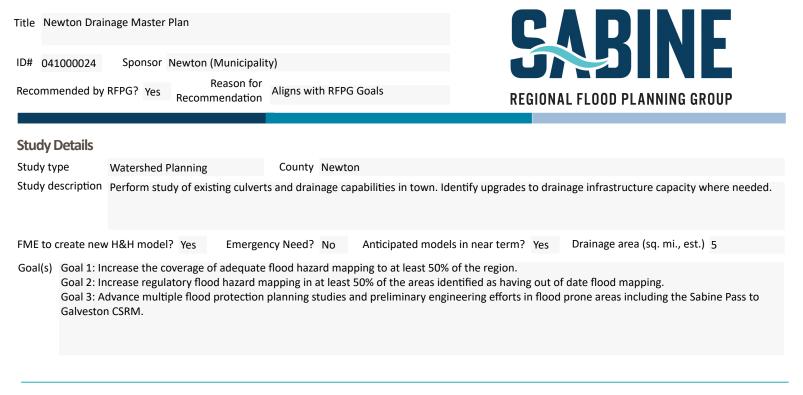
Population at risk 164		# of structure	s 96	#	of critical facilities 17	
Flood risk type: Riverine? Yes	Coasta	al? No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	33		Roadways imp	oacted (miles)	3	
# of low water crossings	2		# of historical	road closures	2	

### **Estimated Cost and Funding Availability**

Tatal	Potential federal	Potential Federal
Total Soct \$100,000	funding availability?	Funding Sources
Cost \$100,000	Turiung availability:	Funding Sources





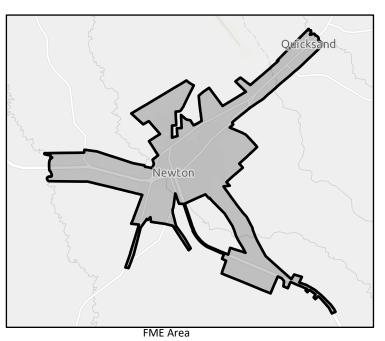


### **100-Year Flood Risk Summary**

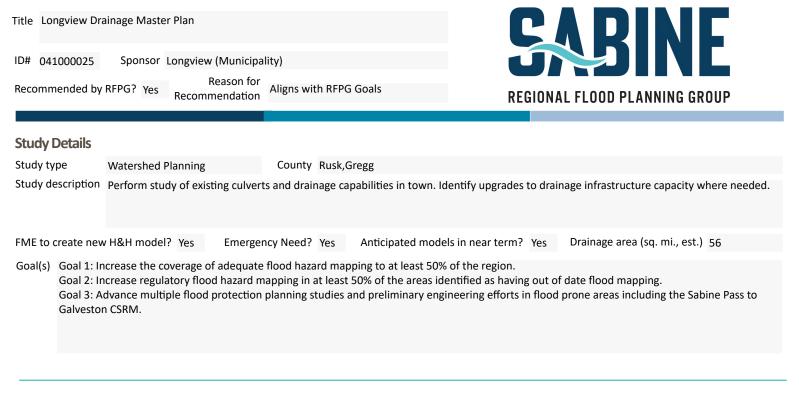
Population at risk 164		# of structure	s 96	#	of critical facilities 17
Flood risk type: Riverine? Yes	Coasta	? No	Local Flooding?	No	Other? No
Farm/Ranch land impacted (ac.)	33		Roadways im	pacted (miles)	3
# of low water crossings	2		# of historical	road closures	2

### **Estimated Cost and Funding Availability**

Total	Potential federal	Potential Federal
Total Cost <sup>\$400,000</sup>	funding availability?	Funding Sources





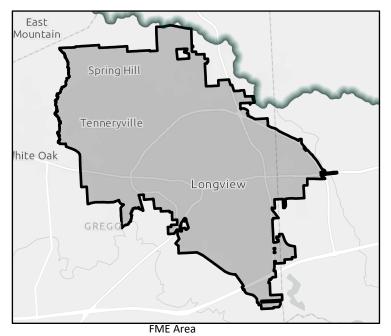


### **100-Year Flood Risk Summary**

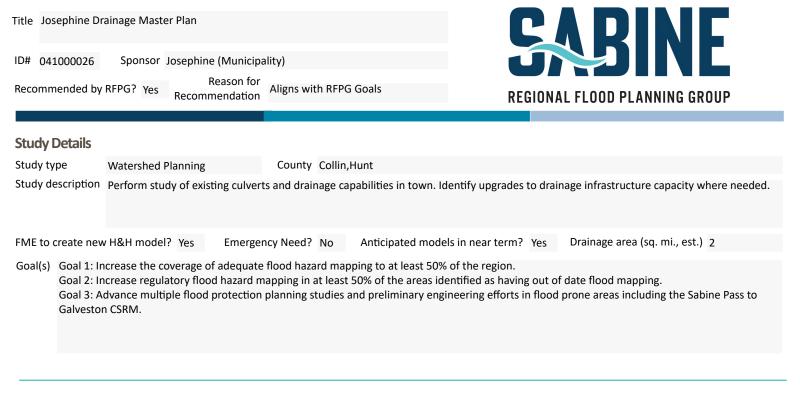
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No   Farm/Ranch land impacted (ac.) 295 Roadways impacted (miles) 41 41   # of low water crossings 0 # of historical road closures 0	Population at risk 10,126	# of structure	s 1,379	# of critical facilities 9
	Flood risk type: Riverine? Yes	Coastal? No	Local Flooding? No	Other? No
# of low water crossings0# of historical road closures0	Farm/Ranch land impacted (ac.)	295	Roadways impacted (miles)	41
	# of low water crossings	0	# of historical road closures	0

### **Estimated Cost and Funding Availability**

Tatal	Potential federal	Potential Federal
Total	Voc	Fotential Federal
Cost \$1,100,000	funding availability? Yes	Funding Sources
0050		





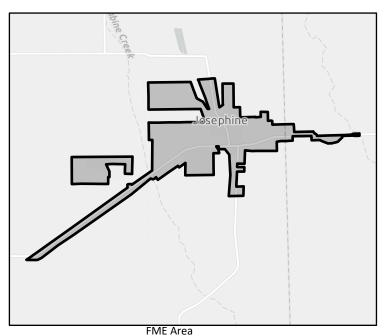


### **100-Year Flood Risk Summary**

Population at risk 126		# of structures	94	#	of critical facilities 0	
Flood risk type: Riverine? Yes	Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	110		Roadways im	pacted (miles)	1	
# of low water crossings	1		# of historical	road closures	1	

### **Estimated Cost and Funding Availability**

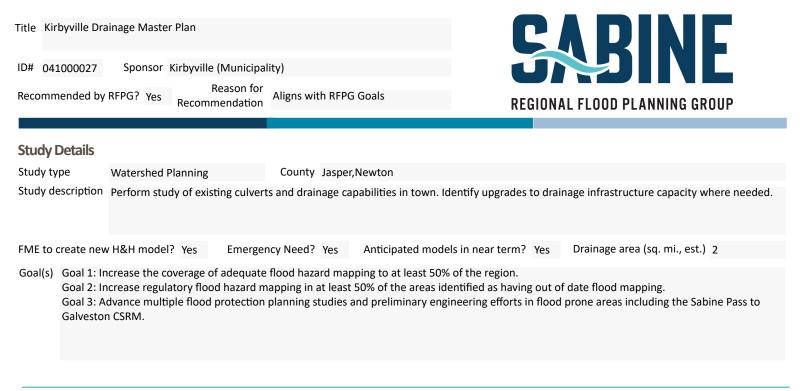
Total	Potential federal	Potential Federal
Total	Yes	
Cost \$100,000	funding availability? Yes	Funding Sources





**REGION 4** 

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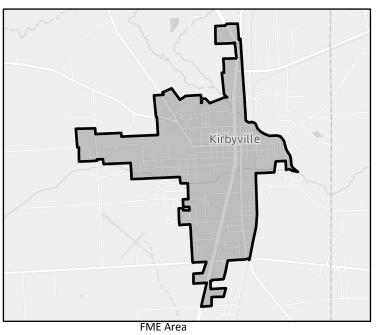


### **100-Year Flood Risk Summary**

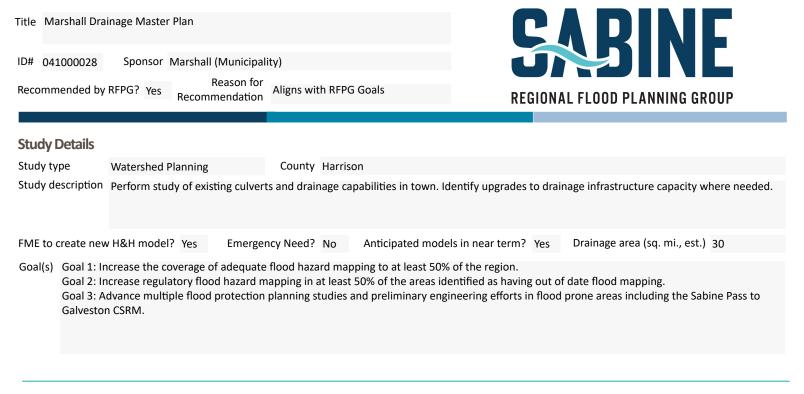
Population at risk 436	#	of structures 135	#	t of critical facilities 3	
Flood risk type: Riverine? Yes	Coastal?	No Local Floodi	ng? No	Other? No	
Farm/Ranch land impacted (ac.)	12	Roadway	s impacted (miles)	3	
# of low water crossings	3	# of histo	rical road closures	3	

### **Estimated Cost and Funding Availability**

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





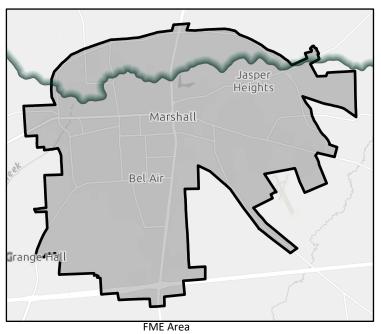


### **100-Year Flood Risk Summary**

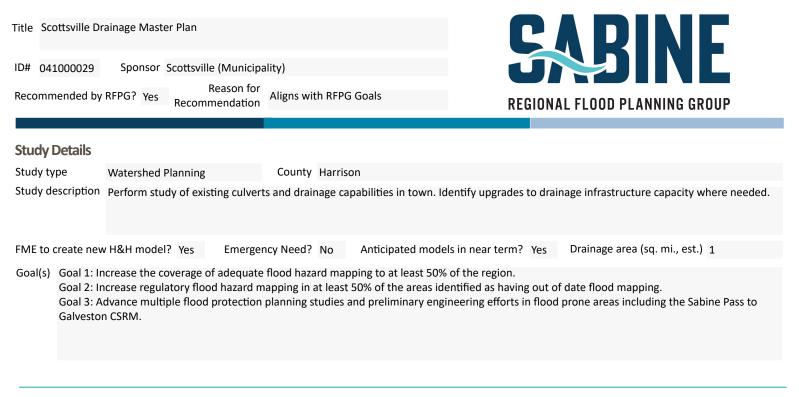
Population at risk 4,312		# of structures	561	#	of critical facilities 0	
Flood risk type: Riverine? Yes	Coast	stal? No	Local Flooding? No	)	Other? No	
Farm/Ranch land impacted (ac.)	222		Roadways impact	ted (miles)	18	
# of low water crossings	0		# of historical roa	ad closures	0	

### **Estimated Cost and Funding Availability**

Total	Potential federal	Potential Federal
Total		Fotential rederat
Cost \$500,000	funding availability? Yes	Funding Sources
0050	ranan garana sintji	





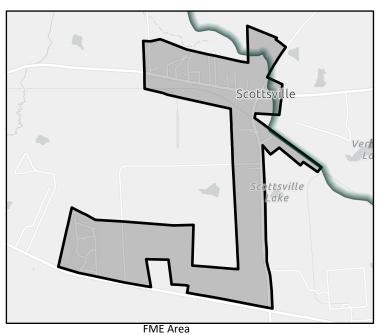


### **100-Year Flood Risk Summary**

Population at risk 48		# of structures	5 22		# of critical facilities 0	
Flood risk type: Riverine? Yes	Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	72		Roadways im	pacted (miles)	0	
# of low water crossings	0		# of historical	road closures	0	

### **Estimated Cost and Funding Availability**

Total	Potential federal	Potential Federal
Total	Vec	Fotential Federal
Cost \$300,000	funding availability? Yes	Funding Sources
6051		





**REGION 4** 

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Recommendation

Title City of Edgewood Stormwater Drain and Culvert Improvement Study

ID# 041000030 Sponsor Edgewood (Municipality) Recommended by RFPG? Yes Reason for Aligns with RFPG Goals



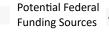
Study Details				
Study type	Project Planning	County Van Z	andt	
Study description	Feasibility study to install an	l upgrade undersized	stormwater drains and culverts	
FME to create nev	w H&H model? No Eme	gency Need? No	Anticipated models in near term? Y	es Drainage area (sq. mi., est.) 1
Goal(s) Goal 1: A	dvance multiple regional floo	l infrastructure proje	ects designed for larger storm events.	

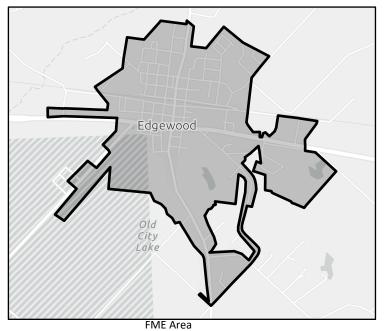
### 100-Year Flood Risk Summary

Population at risk 22		# of structure	5 27	4	t of critical facilities 0	
Flood risk type: Riverine? Yes	Coastal	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	29		Roadways im	pacted (miles)	1	
# of low water crossings	0		# of historical	road closures	0	

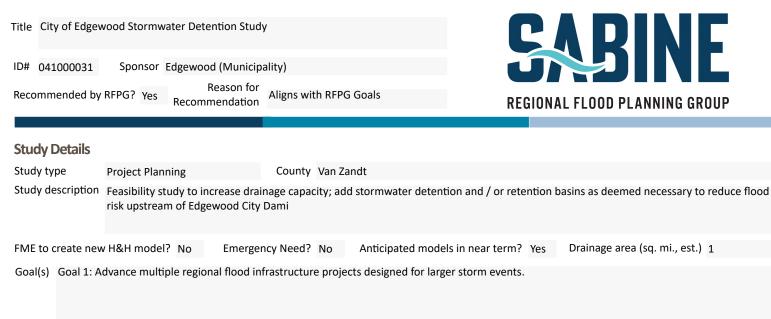
### **Estimated Cost and Funding Availability**

Total Cost \$100,000 Potential federal funding availability?







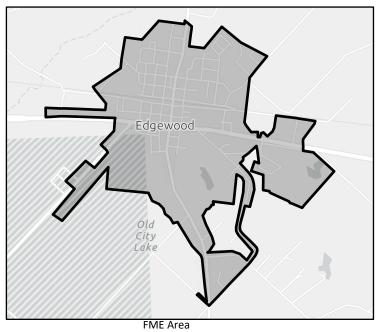


### **100-Year Flood Risk Summary**

Population at risk 22		# of stru	ictures 27	# of critical facilities 0	
Flood risk type: Riverine? Yes	Со	oastal? No	Local Flooding? No	Other? No	
Farm/Ranch land impacted (ac.)	29		Roadways impacted (miles	s) 1	
# of low water crossings	0		# of historical road closure	es 0	

### **Estimated Cost and Funding Availability**

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





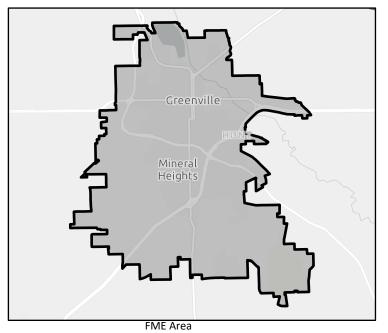
itle City of Green	ville Critical Facilities I	lood Protection Study	
D# 041000032	Sponsor Greenvill	e (Municipality)	
Recommended by		Reason for Aligns with RFPG Goals	REGIONAL FLOOD PLANNING GROUP
tudy Details			
tudy type	Project Planning	County Hunt	
tudy description	Feasibility study to el	evated or flood proofing of critical structure	es and/or the construction of barriers around critical structures
ME to create new	H&H model? No	Emergency Need? No Anticipated	models in near term? Yes Drainage area (sq. mi., est.) 33
	educe exposure of exis	n for 25% of critical facilities in flood prone sting structures in flood prone areas by elev	e areas. vating, acquiring, relocating, or otherwise providing flood protection to

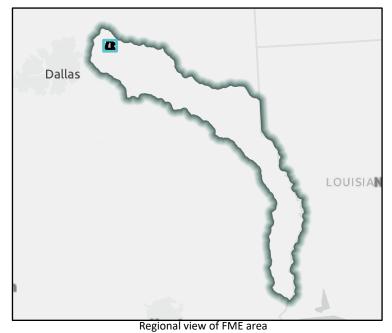
### **100-Year Flood Risk Summary**

Flood risk type: Riverine?YesCoastal?NoLocal Flooding?NoOther?NoFarm/Ranch land impacted (ac.)1,339Roadways impacted (miles)26# of low water crossings0# of historical road closures0	Population at risk 5,509	# of structures	429	# of critical facilities 28
	Flood risk type: Riverine? Yes	Coastal? No	Local Flooding? No	Other? No
# of low water crossings0# of historical road closures0	Farm/Ranch land impacted (ac.)	1,339	Roadways impacted (miles)	26
	# of low water crossings	0	# of historical road closures	0

### **Estimated Cost and Funding Availability**

Tatal Pot	tential federal	Potential Federal
Total Cost \$300,000 fun	Ading availability? Yes	Funding Sources





Recommendation

Title City of Fruitvale Drainage Infrastructure Improvement Study

ID# 041000033 Sponsor Fruitvale (Municipality)

Recommended by RFPG? Yes

Reason for Aligns with RFPG Goals



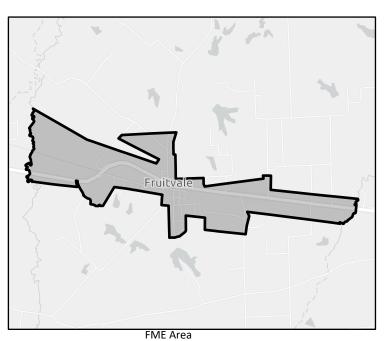
# Study type Project Planning County Van Zandt Study dvs Project Planning County Van Zandt Study dvs Feasibility study to evaluate access and road conditions for response vehicles. Develop and implement options to improve access and/or add redundant access routes in high risk areas. FME to create new Wather model? No Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.) 2 Goal(s) Goal 1: Trove 20% of Low Water Crossing to no longer be crossing deforts in flood prote areas including the Sabine Pass to calvestor.

### **100-Year Flood Risk Summary**

Population at risk 12	# of structure	es 4	# of critical facilities 0
Flood risk type: Riverine? Yes	Coastal? No	Local Flooding? No	Other? No
Farm/Ranch land impacted (ac.)	127	Roadways impacted (miles)	2
# of low water crossings	0	# of historical road closures	0

### **Estimated Cost and Funding Availability**

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





Recommendation

Title City of Canton Drainage Infrastructure Improvements Study

 ID#
 041000034
 Sponsor
 Canton (Municipality)

 Recommended by RFPG?
 Yes
 Reason for<br/>Decommendation
 Aligns with RFPG Goals



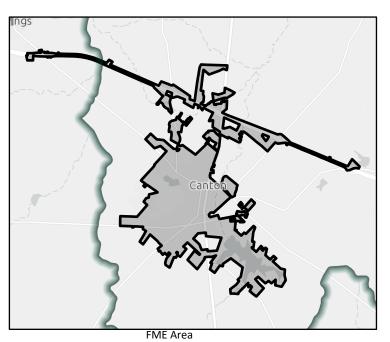
Study Details								
Study type	Project Planning		County	Van Zandt				
Study description	Feasibility study t	o increase drai	nage capac	ity; install f	rench drains or elevate build	ing and upg	grade undersized pipe under	state Hwy
FME to create new	H&H model? No	Emerger	ncy Need?	No Ar	nticipated models in near ter	m? Yes	Drainage area (sq. mi., est.)	6
Goal(s) Goal 1: In	crease the covera	ge of adequate	flood haza	rd mapping	g to at least 50% of the region	۱.		

### **100-Year Flood Risk Summary**

Population at risk 1,002		# of structures	5 231	#	of critical facilities 12	
Flood risk type: Riverine? Yes	Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	147		Roadways im	pacted (miles)	4	
# of low water crossings	2		# of historical	road closures	2	

### **Estimated Cost and Funding Availability**

Total	Potential federal	Potential Federal
Cost \$300,000	funding availability? Yes	Funding Sources
6651		





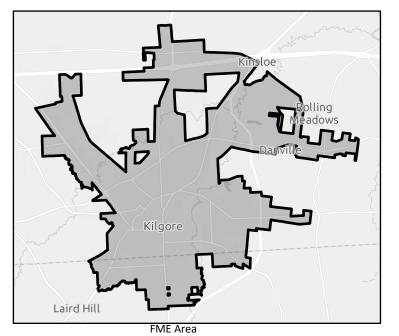
, .	e Drainage Infrastructure Improve		<b>SARINE</b>
ID# 041000035	Sponsor Kilgore (Municipality	/)	
Recommended by	RFPG? Yes Reason for Recommendation	Aligns with RFPG Goals	REGIONAL FLOOD PLANNING GROUP
Study Details			
Study type	Project Planning	County Rusk	
Study description	Study improvements to drainage	e infrastructure in the downtown are	a by installing new inlets and storm drains
FME to create new	v H&H model? No Emerger	ncy Need? No Anticipated mod	els in near term? Yes Drainage area (sq. mi., est.) 19
Goal(s) Goal 1: A Galvestor		planning studies and preliminary eng	ineering efforts in flood prone areas including the Sabine Pass to

### **100-Year Flood Risk Summary**

Population at risk 870		# of structures	5 296	# of critical facilities 3
Flood risk type: Riverine? Yes	Coastal	No	Local Flooding? No	Other? No
Farm/Ranch land impacted (ac.)	96		Roadways impacted (miles)	15
# of low water crossings	3		# of historical road closures	3

### **Estimated Cost and Funding Availability**

atontial fodoral	Potontial Fodoral	
	Fotential Federal	
inding availability?	Funding Sources	
	itential federal nding availability?	





**REGION 4** 

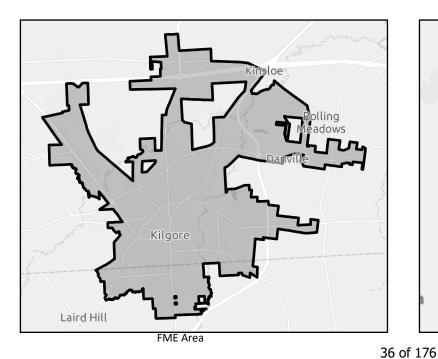
Title City of Kilgor	e Library Drainage Improvement	Study		INC
ID# 041000036	Sponsor Kilgore (Municipality Reason for			
Recommended by	RFPG? Yes Recommendation	Aligns with RFPG Goals	REGIONAL FLOOD P	LANNING GROUP
Study Details				
Study type	Project Planning	County Rusk		
Study description	Feasibility study of underground	drainage structures to capture and o	lirect subsurface water away from the	library structure
FME to create nev	v H&H model? No Emerger	ncy Need? Yes Anticipated mod	els in near term? Yes Drainage ar	ea (sq. mi., est.) 19
Goal(s) Goal 1: A Galvestor		planning studies and preliminary en	gineering efforts in flood prone areas in	ncluding the Sabine Pass to

### **100-Year Flood Risk Summary**

Population at risk 870		# of structure	\$ 296	# of critical facilities 3
Flood risk type: Riverine? Yes	Coastal	? No	Local Flooding? No	Other? No
Farm/Ranch land impacted (ac.)	96		Roadways impacted (miles	i) 15
# of low water crossings	3		# of historical road closure	s 3

### **Estimated Cost and Funding Availability**

Total<br/>\$400,000Potential federal<br/>funding availability?YesPotential Federal<br/>Funding Sources





Regional view of FME area

 Title
 City of Henderson Flood Instructure Improvements Study

 ID#
 041000037
 Sponsor

 Henderson (Municipality)

 Recommended by RFPG?
 Reason for Recommendation

 Aligns with RFPG Goals

 Study Details

 Study type
 Project Planning

 County
 Rusk

 Study description
 Feasibility study to replace riprap lining with a concrete lining to increase maintenance efficiency and flood protection.

FME to create new H&H model?NoEmergency Need?YesAnticipated models in near term?YesDrainage area (sq. mi., est.)12Goal(s)Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.12

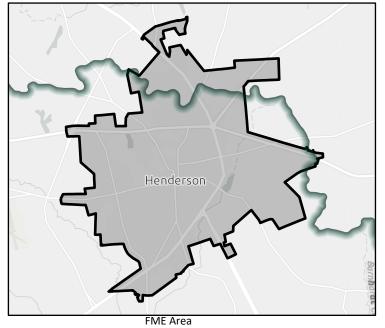
### **100-Year Flood Risk Summary**

Population at risk 422		;	# of structures	5 27	#	# of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	15			Roadways im	pacted (miles)	0	
# of low water crossings	0			# of historical	road closures	0	

### **Estimated Cost and Funding Availability**

Total Cost \$200,000 Potential federal funding availability?

Potential Federal Funding Sources





Regional view of FME area

 Title
 City of Henderson Storm Drain Improvement Study

 ID#
 041000038
 Sponsor

 Recommended by RFPG?
 Yes
 Reason for Recommendation



Study Details					
Study type	Project Planning	County Rusk			
Study description	Feasibility study to install nev	storm drain system t	o address localized neighborhood dr	rainage issues	
FME to create new	v H&H model? No Emer	gency Need? Yes	Anticipated models in near term?	Yes Drainage area (sq. mi., est.) 12	
Goal(s) Goal 1: A	dvance multiple regional flood	infrastructure project	ts designed for larger storm events.		

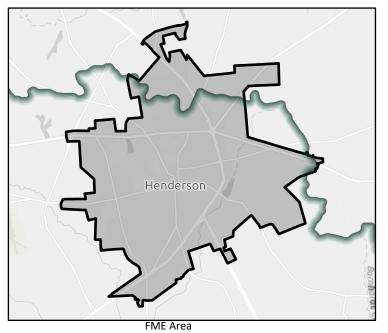
### **100-Year Flood Risk Summary**

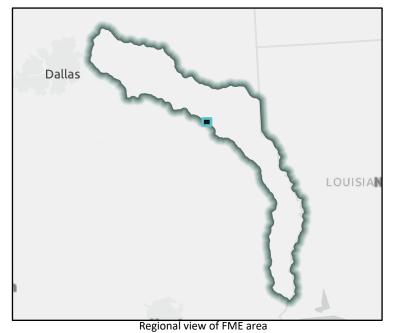
Population at risk 422		#	# of structures	27	#	of critical facilities 0	
Flood risk type: Riverine? Yes	С	oastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	15			Roadways im	pacted (miles)	0	
# of low water crossings	0			# of historical	road closures	0	

### **Estimated Cost and Funding Availability**

Total Cost \$100,000 Potential federal funding availability? Yes

Potential Federal Funding Sources





Title City of Longview Critical Facilities Flood Protection Study

ID# 041000039 Sponsor Longview (Municipality) Reason for

Aligns with RFPG Goals Recommended by RFPG? Yes Recommendation



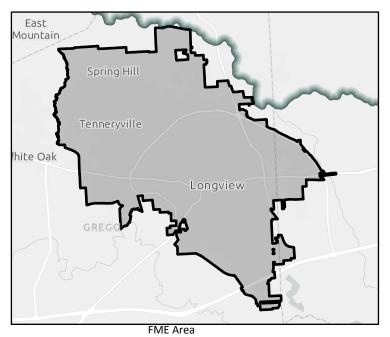
Study Details				
Study type	Project Planning	County Gregg		
Study description	Ensure that critical facilities	owned by the jurisdict	ion are protected from flood.	
FME to create new	w H&H model? No Eme	rgency Need? Yes	Anticipated models in near term? Yes	Drainage area (sq. mi., est.) 56
Goal(s) Goal 1: Ir	mprove flood protection for 1	5% of critical facilities	in flood prone areas.	

### **100-Year Flood Risk Summary**

Flood risk type: Riverine?       Yes       Coastal?       No       Local Flooding?       No       Other?       No         Farm/Ranch land impacted (ac.)       295       Roadways impacted (miles)       41       41         # of low water crossings       0       # of historical road closures       0       0	Population at risk 10,126	# of structures	5 1,379	# of critical facilities 9
	Flood risk type: Riverine? Yes	Coastal? No	Local Flooding? No	Other? No
# of low water crossings0# of historical road closures0	Farm/Ranch land impacted (ac.)	95	Roadways impacted (miles)	41
	# of low water crossings (		# of historical road closures	0

### **Estimated Cost and Funding Availability**

Potential federal **Potential Federal** Total funding availability? Yes \$85,000 **Funding Sources** Cost





Title Lone Oak - Dam Inundation Study

ID# 041000040 Sponsor Lone Oak (Municipality) Reason for Aligns with RFPG Goals Recommended by RFPG? Yes Recommendation



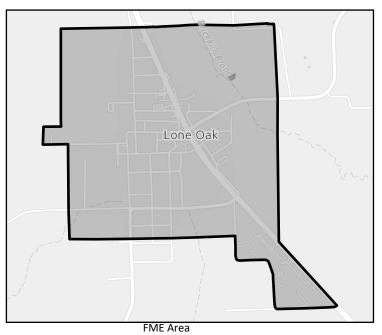
### **Study Details** Study type County Hunt Other Study description Dam inundation study, safety study, and inventory of mitigation activities to implement for the county dams. FME to create new H&H model? No Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.) 1 Goal(s) 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**

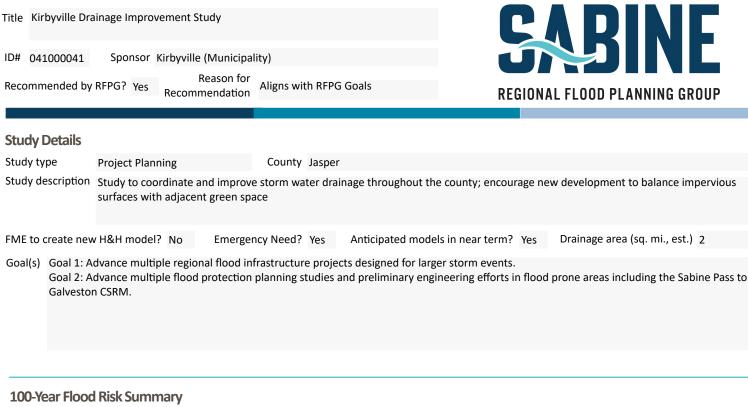
Population at risk 2			# of structures 3		of critical facilities 0		
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	30			Roadways im	pacted (miles)	0	
# of low water crossings	0			# of historica	road closures	0	

### **Estimated Cost and Funding Availability**

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



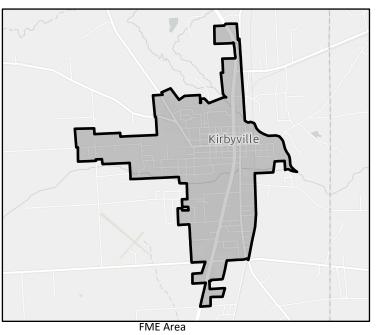


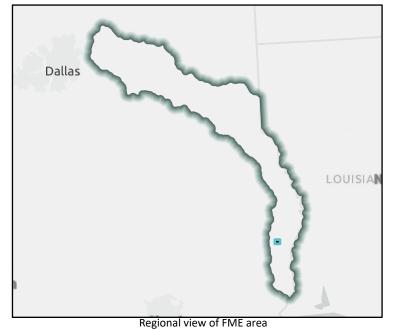


Population at risk 436		ŧ	f of structures	135		# of critical facilities 3	
Flood risk type: Riverine? Yes	Co	oastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	12			Roadways im	oacted (miles)	3	
# of low water crossings	3			# of historical	road closures	3	

### **Estimated Cost and Funding Availability**

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





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

 ID#
 041000042
 Sponsor
 Orange County Drainage District

 Recommended by RFPG?
 Reason for Recommendation
 Aligns with RFPG Goals



### **Study Details**

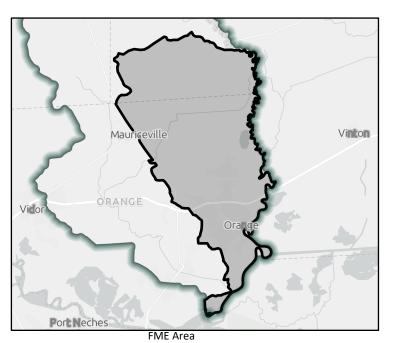
Study type	Project Planning	County Orange	
Study description	H&H Study and Modeling for Fe of Dredging of Segments of Ada		
FME to create new	w H&H model? Yes Emerge	ncy Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.) 146	
Goal 2: I Goal 3: I	ncrease the coverage of adequat ncrease regulatory flood hazard r Advance multiple flood protectior	frastructure projects designed for larger storm events. e flood hazard mapping to at least 50% of the region. napping in at least 50% of the areas identified as having out of date flood mapping. planning studies and preliminary engineering efforts in flood prone areas including the Sabine Pass t	ю

### **100-Year Flood Risk Summary**

Flood risk type: Riverine?YesCoastal?YesLocal Flooding?NoOther?NoFarm/Ranch land impacted (ac.)9,260Roadways impacted (miles)240<	Population at risk 18,428	# of structures 10,571	# of critical facilities 306
	Flood risk type: Riverine? Yes	Coastal? Yes Local Floodin	g? No Other? No
# of low water crossings15# of historical road closures15	Farm/Ranch land impacted (ac.) 9,260	Roadway	impacted (miles) 240
	# of low water crossings 15	# of histo	ical road closures 15

### **Estimated Cost and Funding Availability**

Total	Potential federal	Potential Federal
		Fotential Federal
Cost \$2,000,000	funding availability? Yes	Funding Sources
6651		





Title	Feasibility As Bayou	ssessment an	d Conceptual Design	of Dredging	g of Segments of Cow	
ID#	041000043	Sponsor	Orange County Drair	nage District	t	
Reco	mmended by	RFPG? Yes	Reason for Recommendation	Aligns with	n RFPG Goals	
Stud	dy Details					
Stud	y type	Project Plan	ning	County	Orange	

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

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

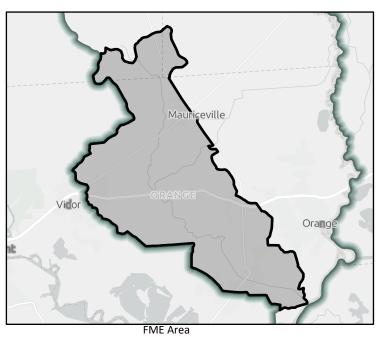
Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.
Goal 2: Increase the coverage of adequate flood hazard mapping to at least 50% of the region.
Goal 3: Increase regulatory flood hazard mapping in at least 50% of the areas identified as having out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

### **100-Year Flood Risk Summary**

Flood risk type: Riverine?YesCoastal?YesLocal Flooding?NoOther?NoFarm/Ranch land impacted (ac.)9,437Roadways impacted (miles)156# of low water crossings7# of historical road closures7	Population at risk 10,805	# of structure	s 7,655	# of critical facilities 7
	Flood risk type: Riverine? Yes	Coastal? Yes	Local Flooding? No	Other? No
# of low water crossings7# of historical road closures7	Farm/Ranch land impacted (ac.) 9,4	7	Roadways impacted (miles)	156
	# of low water crossings 7		# of historical road closures	7

### **Estimated Cost and Funding Availability**

Tatal		Potential federal	Potential Federal
Total	¢ c 0 0 0 0 0	Voc	rotential rederal
Cost	\$600,000	funding availability? Yes	Funding Sources
0000			0





Regional view of FME area

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**REGIONAL FLOOD PLANNING GROUP** 

Title	Feasibility Assessment and Conceptual Design of Dredging of Segments of Little Cypress Bayou							
ID#	041000044	Spons	or	Orange County Drain	nage District			
Reco	mmended by	RFPG? Y	'es	Reason for Recommendation	Aligns with RFPG Goals			
Stu	dv Details							



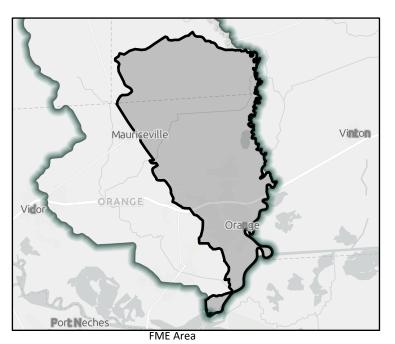
Study Details		
Study type	Project Planning	County Orange
Study descriptior	H&H Study and Modeling for F	easibility Assessment of Dredging of Segments of LIttle Cypress Bayou
FME to create ne	w H&H model? Yes Emerg	ency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.) 146
Goal 2:   Goal 3:   Goal 4: /	ncrease the coverage of adequat ncrease regulatory flood hazard	infrastructure projects designed for larger storm events. te flood hazard mapping to at least 50% of the region. mapping in at least 50% of the areas identified as having out of date flood mapping. n planning studies and preliminary engineering efforts in flood prone areas including the Sabine Pass to

### **100-Year Flood Risk Summary**

Flood risk type: Riverine? Yes Coastal? Yes Local Flooding? No   Farm/Ranch land impacted (ac.) 9,260 Roadways impacted (miles) 240   # of low water crossings 15 # of historical road closures 15	Population at risk 18,428	# of structure	s 10,571	# of critical facilities 306
	Flood risk type: Riverine? Yes	Coastal? Yes	Local Flooding? No	Other? No
# of low water crossings15# of historical road closures15	Farm/Ranch land impacted (ac.) 9,26		Roadways impacted (miles)	240
	# of low water crossings 15		# of historical road closures	15

### **Estimated Cost and Funding Availability**

	•	
Tatal	Potential federal	Potential Federal
Total	r otentiar reuerar	Fotential redefai
Cost \$1,000,000	funding availability? Yes	Funding Sources
6051	ranang aranabirity i	





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

ID#	041000045	Spo	nsor	Orange County Drain	nage District
Reco	ommended by	/ RFPG?	Yes	Reason for Recommendation	Aligns with RFPG Goals



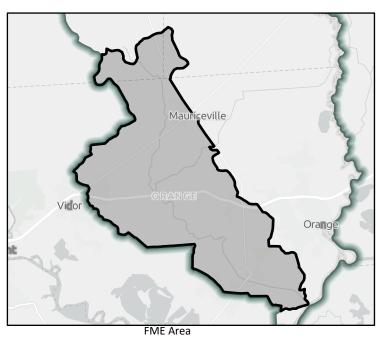
Study Details Study type	Project Planning	County Orange
Study description	, 0	ling for Feasibility Assessment of Construction of a Stormwater Detention Pond Adjacent to Cow Bayou near
FME to create new	/ H&H model? Yes	Emergency Need?YesAnticipated models in near term?YesDrainage area (sq. mi., est.)119
Goal 2: In Goal 3: In	crease the coverage of crease regulatory flood dvance multiple flood p	al flood infrastructure projects designed for larger storm events. adequate flood hazard mapping to at least 50% of the region. I hazard mapping in at least 50% of the areas identified as having out of date flood mapping. protection planning studies and preliminary engineering efforts in flood prone areas including the Sabine Pass to

### **100-Year Flood Risk Summary**

Population at risk 10,805		#	f of structures	7,655		# of critical facilities 7	
Flood risk type: Riverine? Yes	C	oastal?	Yes	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	9,437			Roadways imp	acted (miles)	156	
# of low water crossings	7			# of historical	road closures	7	

### **Estimated Cost and Funding Availability**

	• ·		
Total	Potential federal	Potential Federal	
Total	Fotential leueral	Fotential redefai	
Cost \$600,000	funding availability? Yes	Funding Sources	
COST	runang utunabinty.		





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

ID#	041000046	Spo	nsor	Orange County Drair	nage District
Reco	ommended by	/ RFPG?	Yes	Reason for Recommendation	Aligns with RFPG Goals



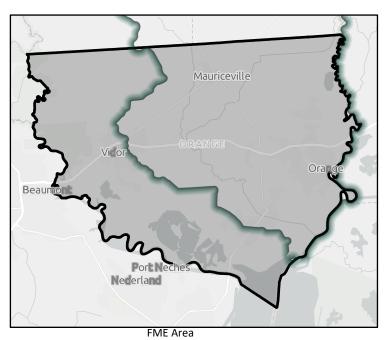
# Study Details Study type Project Planning County Orange Study description H&H Study and Modeling for Determination of Need and Feasibility Assessment for Increase in Size of Culverts and Railroad Trestles on Major Drainage Structures Throughout Orange County FME to create new H&H model? Yes Emergency 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 areas identified as having out of date flood mapping. Goal 4: Advance multiple flood protection planning in at least 50% of the areas identified as having out of date flood mapping. Goal 4: Advance multiple flood protection planning viel of the areas identified as having events in flood mapping. Goal 4: Advance multiple flood protection planning viel of the areas identified as having out of date flood mapping.

### **100-Year Flood Risk Summary**

Flood risk type: Riverine?YesCoastal?YesLocal Flooding?NoOther?NoFarm/Ranch land impacted (ac.)17,171Roadways impacted (miles)364364# of low water crossings22# of historical road closures22	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
# of low water crossings22# of historical road closures22	Farm/Ranch land impacted (ac.) 17,171	Roadways impacted (mile	es) 364
	# of low water crossings 22	# of historical road closu	res 22

### **Estimated Cost and Funding Availability**

Total	Potential federal	Potential Federal
	Voc	i otentiai i ederai
\$500,000	funding availability? Yes	Funding Sources
0030		





TitleFeasibility Assessment and Conceptual Design of Increasing Capacity of DrainageDitches 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



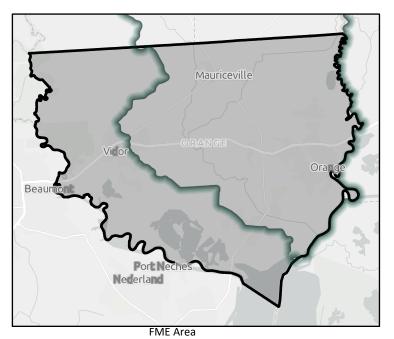
Study Details				
Study type	Project Planning	County Orange		
Study description	H&H Study and Modeling for I Convey Stormwater from Neig			acity of Drainage Ditches and Channels that
FME to create new	w H&H model? Yes Emerg	ency Need? Yes Antie	cipated models in near term? Yes	Drainage area (sq. mi., est.) 371
Goal 2: I Goal 3: I Goal 4: A	0 1	te flood hazard mapping to mapping in at least 50% of	o at least 50% of the region. f the areas identified as having out	t of date flood mapping. od prone areas including the Sabine Pass to

### **100-Year Flood Risk Summary**

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	Population at risk 26,881	# of structures	16,974 #	f of critical facilities 276
	Flood risk type: Riverine? Yes	Coastal? Yes	Local Flooding? No	Other? No
# of low water crossings22# of historical road closures22	Farm/Ranch land impacted (ac.) 17,1	1	Roadways impacted (miles)	364
	# of low water crossings 22		# of historical road closures	22

### **Estimated Cost and Funding Availability**

Tatal	Potential federal	Potential Federal
Total	Voc	rotentiarrederar
Cost \$1,000,000	funding availability? Yes	Funding Sources
2031		





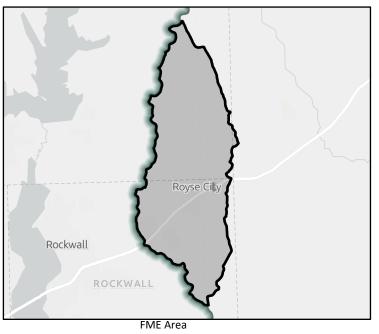
SARINF Title City of Fate Culvert Improvement Study ID# 041000048 Sponsor Fate (Municipality) Reason for Aligns with RFPG Goals Recommended by RFPG? Yes **REGIONAL FLOOD PLANNING GROUP** Recommendation **Study Details** Study type County Rockwall,Collin,Hunt **Project Planning** Study description Culverts improvements to meet 100-YR fully developed conditions FME to create new H&H model? Yes Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.) 56 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 694		# of structures	5 295	#	# of critical facilities 0	
Flood risk type: Riverine? Yes	Coasta	al? No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	4,104		Roadways imp	pacted (miles)	18	
# of low water crossings	12		# of historical	road closures	12	

### **Estimated Cost and Funding Availability**

Tatal	Potential federal	Potential Federal
Total	Voc	Fotential Federal
Cost \$100,000	funding availability? Yes	Funding Sources
	0	8





**REGION 4** 

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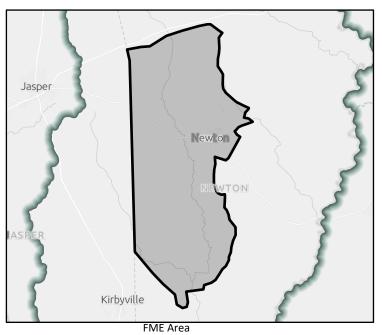
itle Newton Coun	nty Flood and D	rainage Study			C	
D# 041000049	Sponsor Ne	ewton (County)			Ú	
Recommended by	RFPG? Yes R	Reason for Recommendation	Aligns with RFPG	Goals	REGIONA	AL FLOOD PLANNING GROUP
Study Details						
Study type	Project Plannin	ng	County Newto	n, Jasper		
Study description	Feasibility stud	ly to reconstruct b	ridges and culvert	s in a major drainage basin f	lowing into the	e Sabine River in Newton County.
FME to create new	H&H model?	No Emerger	cy Need? Yes	Anticipated models in near	r term? Yes	Drainage area (sq. mi., est.) 159
Goal 2: In Goal 3: In	crease the cove crease regulato dvance multiple	erage of adequate bry flood hazard m	flood hazard map apping in at least !	ts designed for larger storm ping to at least 50% of the re 50% of the areas identified a nd preliminary engineering o	egion. Is having out of	f date flood mapping. Prone areas including the Sabine Pass

### **100-Year Flood Risk Summary**

Population at risk 249		# of structure	\$ 260	# of critical facilities 17
Flood risk type: Riverine? Yes	Coastal?	No	Local Flooding? No	Other? No
Farm/Ranch land impacted (ac.)	892		Roadways impacted (miles)	19
# of low water crossings	5		# of historical road closures	5

### **Estimated Cost and Funding Availability**

Total	Potential federal	Potential Federal
lotal coo ooo		
Cost \$600,000	funding availability? Yes	Funding Sources
0050		





**REGION 4** 

Title Orange County Drainage Improvements at Kinard Estates Study

ID# 041000050 Sponsor Orange (County) Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals



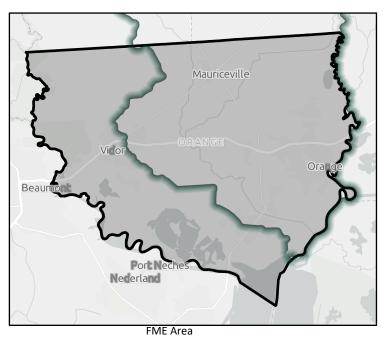
# Study Details Study type Project Planning County Orange Study description First-time sewer service, detention pond, and other drainage improvements to reduce flooding and environmental impacts. FME to create new H&H model? No Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. 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 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 Galvestor CSRM.

### **100-Year Flood Risk Summary**

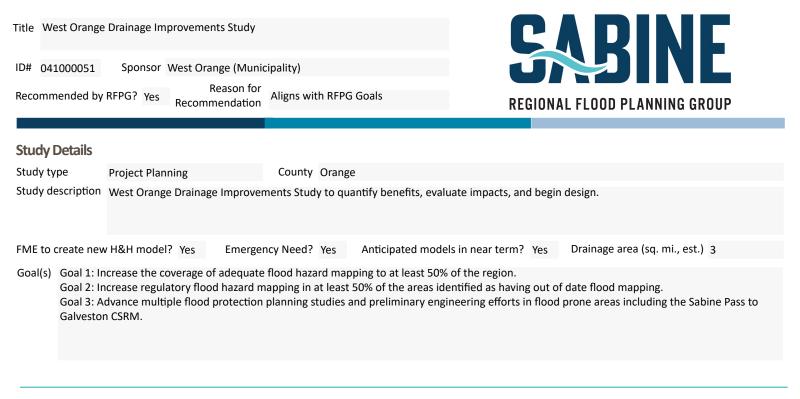
Flood risk type: Riverine?YesCoastal?YesLocal Flooding?NoOther?NoFarm/Ranch land impacted (ac.)17,171Roadways impacted (miles)364400# of low water crossings22# of historical road closures22	Population at risk 26,881	# of structures	5 16,974	# of critical facilities 276
	Flood risk type: Riverine? Yes	Coastal? Yes	Local Flooding? No	Other? No
# of low water crossings22# of historical road closures22	Farm/Ranch land impacted (ac.) 17,2	71	Roadways impacted (miles)	364
	# of low water crossings 22		# of historical road closures	22

### **Estimated Cost and Funding Availability**

Total	Potential federal	Potential Federal
IOLdi cara ano	Voc	rotential rederal
Cost \$250,000	funding availability? Yes	Funding Sources
CUSI	ranang avaluability.	





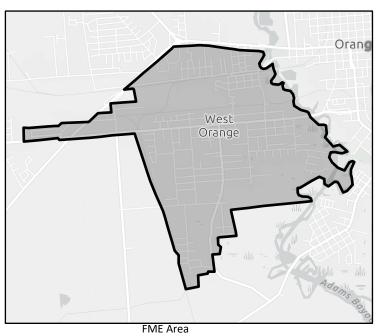


### **100-Year Flood Risk Summary**

Population at risk 2,020		# of structu	res 1,143	# of critical facilities 0
Flood risk type: Riverine? Yes	С	Coastal? Yes	Local Flooding? No	Other? No
Farm/Ranch land impacted (ac.)	30		Roadways impacted (miles)	20
# of low water crossings	0		# of historical road closures	5 0

### **Estimated Cost and Funding Availability**

Tatal		Potential federal	Potential Federal
Total	\$250,000		FOLEIILIAI FEUEIAI
Cost	\$350,000	funding availability? Yes	Funding Sources
0050			

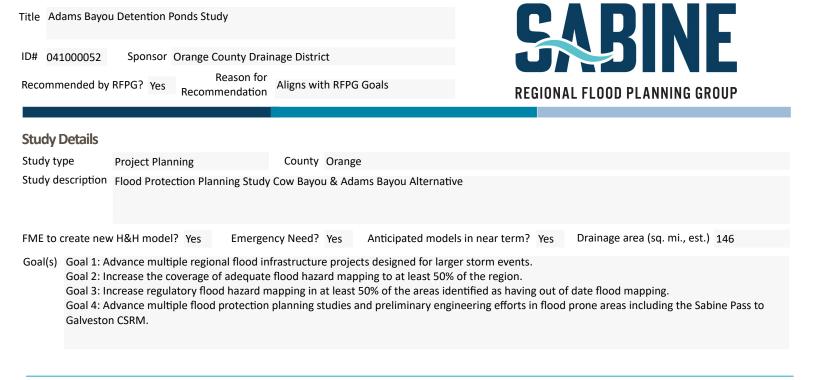




**REGION 4** 

Regional view of FME area

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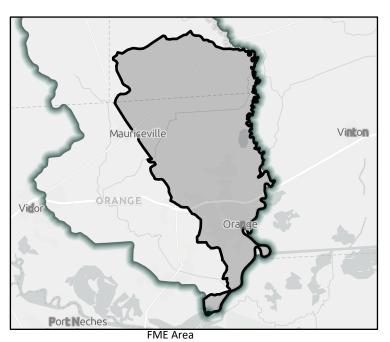


### **100-Year Flood Risk Summary**

Flood risk type: Riverine?YesCoastal?YesLocal Flooding?NoOther?NoFarm/Ranch land impacted (ac.)9,260Roadways impacted (miles)240<	Population at risk 18,428	# of structures	s 10,571	# of critical facilities 306
	Flood risk type: Riverine? Yes	Coastal? Yes	Local Flooding? No	Other? No
# of low water crossings15# of historical road closures15	Farm/Ranch land impacted (ac.) 9,20	)	Roadways impacted (miles)	240
	# of low water crossings 15		# of historical road closures	15

### **Estimated Cost and Funding Availability**

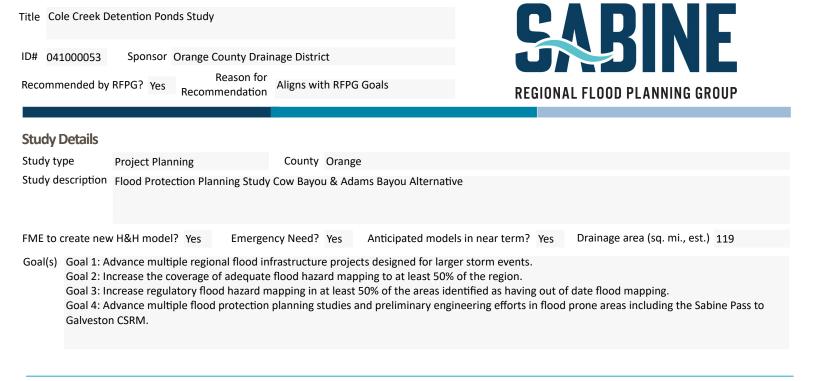
	Detential federal	Determinal Contenda
Total	Potential federal	Potential Federal
Cost \$600,000	funding availability? Yes	Funding Sources





Regional view of FME area

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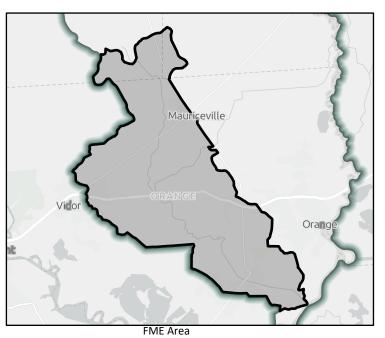


### **100-Year Flood Risk Summary**

Flood risk type: Riverine?YesCoastal?YesLocal Flooding?NoOther?NoFarm/Ranch land impacted (ac.)9,437Roadways impacted (miles)156156# of low water crossings7# of historical road closures7	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
# of low water crossings7# of historical road closures7	Farm/Ranch land impacted (ac.) 9,437	Roadways impacted (	miles) 156
	# of low water crossings 7	# of historical road clo	osures 7

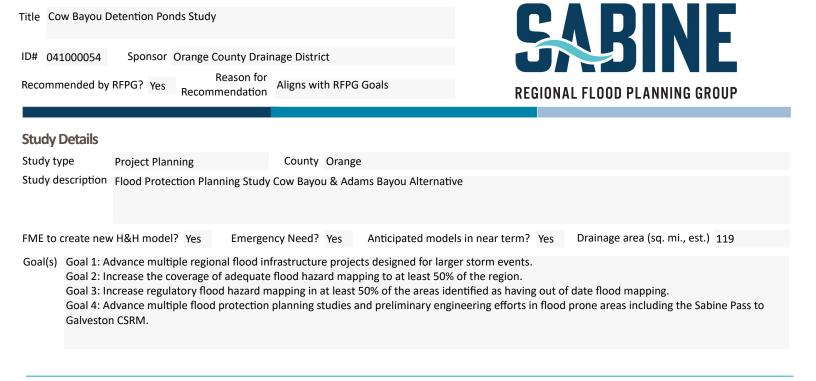
### **Estimated Cost and Funding Availability**

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





**REGION 4** 

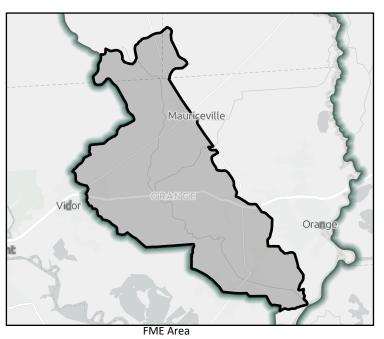


### **100-Year Flood Risk Summary**

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	5 7

### **Estimated Cost and Funding Availability**

Total     Potential federal     Potential Federal       Cost     \$600,000     funding availability?     Yes	
Cost Story of funding availability?	

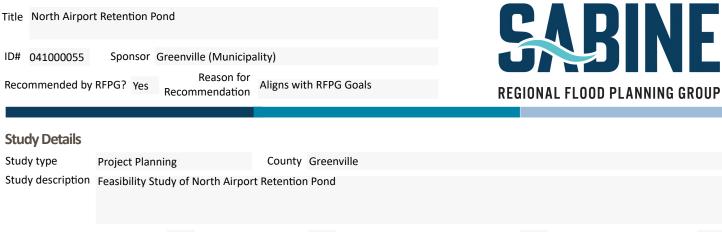




**REGION 4** 

Regional view of FME area

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FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.) 80 Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.

### **100-Year Flood Risk Summary**

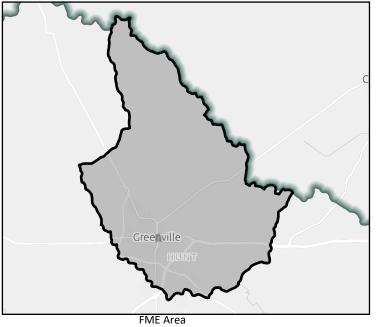
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No   Farm/Ranch land impacted (ac.) 5,957 Roadways impacted (miles) 29   # of low water crossings 0 # of historical road closures 0	Population at risk 1,702	# of structures	6 489	# of critical facilities 3
	Flood risk type: Riverine? Yes	Coastal? No	Local Flooding? No	Other? No
# of low water crossings     0     # of historical road closures     0	Farm/Ranch land impacted (ac.) 5,9		Roadways impacted (miles)	29
	# of low water crossings 0		# of historical road closures	0

### **Estimated Cost and Funding Availability**

Total \$640,000 Cost

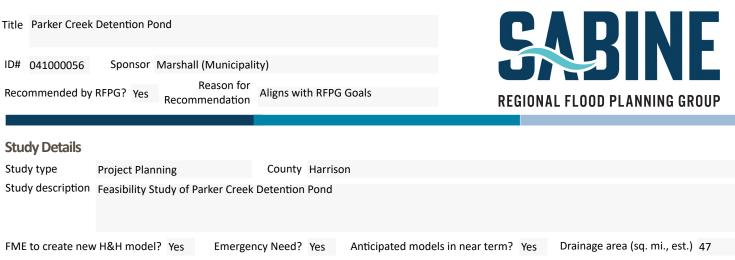
Potential federal funding availability? Yes

**Potential Federal Funding Sources** 





**REGION 4** 



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

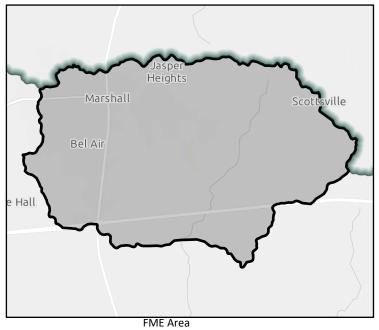
### **100-Year Flood Risk Summary**

Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No   Farm/Ranch land impacted (ac.) 897 Roadways impacted (miles) 23 10 10 10   # of low water crossings 0 # of historical road closures 0 10 10	Population at risk 4,563	# of structures	598	# of critical facilities 1
	Flood risk type: Riverine? Yes	Coastal? No	Local Flooding? No	Other? No
# of low water crossings0# of historical road closures0	Farm/Ranch land impacted (ac.) 89		Roadways impacted (miles)	23
	# of low water crossings 0		# of historical road closures	0

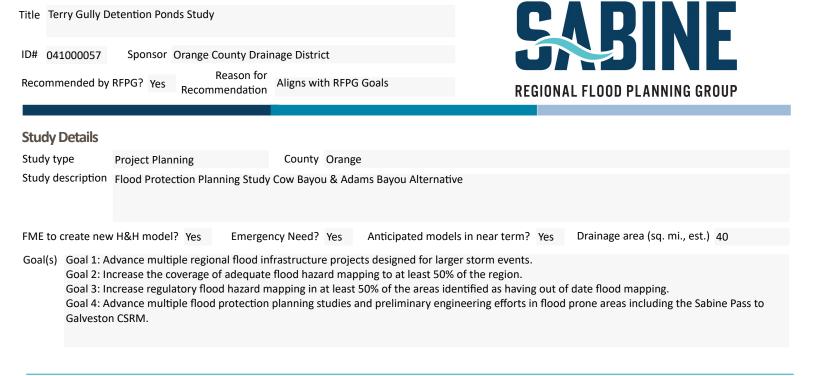
### **Estimated Cost and Funding Availability**

Total Cost \$380,000 Potential federal funding availability?

Potential Federal Funding Sources





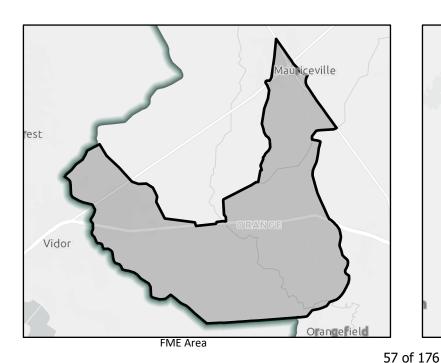


# **100-Year Flood Risk Summary**

Flood risk type: Riverine?YesCoastal?NoOther?NoFarm/Ranch land impacted (ac.)3,308Roadways impacted (miles)55# of low water crossings1# of historical road closures1	Population at risk 3,541	4	# of structures	2,444	# of critical facilities 0
	Flood risk type: Riverine? Yes	Coastal?	No	Local Flooding? No	Other? No
# of low water crossings       1       # of historical road closures       1	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	Potential federal	Potential Federal
Total		Fotential Federal
Cost \$600,000	funding availability? Yes	Funding Sources
0050		

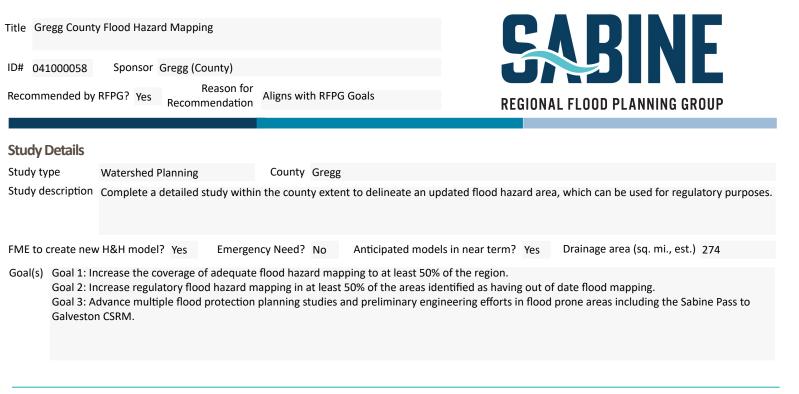




176

Regional view of FME area

**REGION 4** 

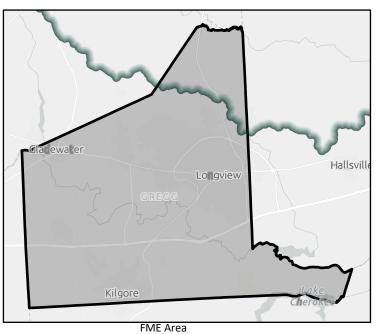


# **100-Year Flood Risk Summary**

Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No   Farm/Ranch land impacted (ac.) 1 Roadways impacted (miles) 86   # of low water crossings 1 # of historical road closures 1	Population at risk 11,464	# of structures 2,182	# of critical facilities 26
	Flood risk type: Riverine? Yes	Coastal? No Local Flooding? No	Other? No
# of low water crossings       1       # of historical road closures       1	Farm/Ranch land impacted (ac.) 1	Roadways impacted (m	niles) 86
	# of low water crossings 1	# of historical road clos	sures 1

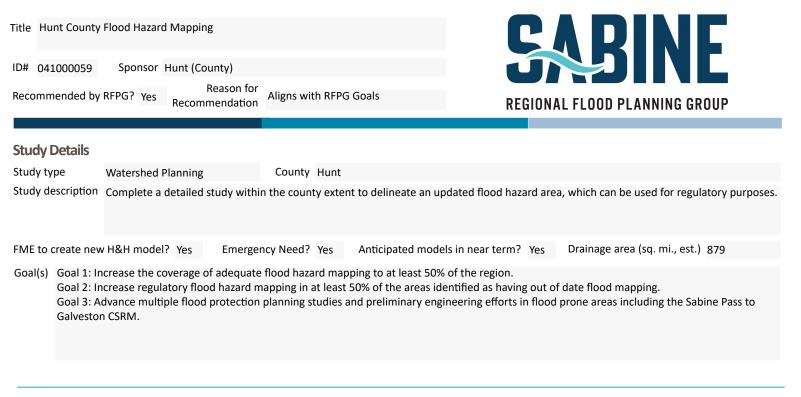
# **Estimated Cost and Funding Availability**

Total	Potential federal	Potential Federal
Total		rotentiarrederal
Cost \$2,200,000	funding availability? Yes	Funding Sources





**REGION 4** 

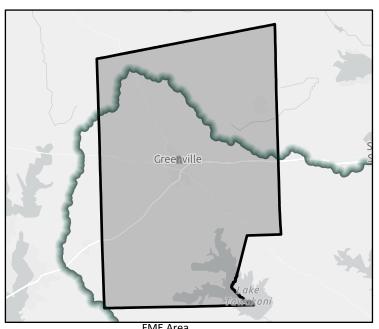


### **100-Year Flood Risk Summary**

Population at risk 5,968		# of structure	s 2,297	# of critical facilities 45
Flood risk type: Riverine? Yes	Coastal?	No	Local Flooding? No	Other? No
Farm/Ranch land impacted (ac.)	6		Roadways impacted (miles)	137
# of low water crossings	10		# of historical road closures	10

# **Estimated Cost and Funding Availability**

Total	Potential federal	Potential Federal
Cost \$4,000,000	funding availability? Yes	Funding Sources
6051		





**REGION 4** 

FME Area

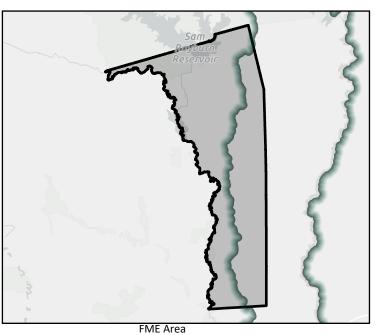
Title Jasper County	Flood Hazard	d Mapping		CARINE
ID# 041000060	Sponsor Ja	asper (County)		
Recommended by R	FPG? Yes	Reason for Recommendation	Aligns with RFPG Goals	REGIONAL FLOOD PLANNING GROUP
Study Details				
Study type N	Watershed Pla	anning	County Jasper	
Study description (	Complete a d	etailed study withir	the county extent to de	elineate an updated flood hazard area, which can be used for regulatory purposes.
FME to create new I	H&H model?	Yes Emergen	cy Need? Yes Antie	icipated models in near term? Yes Drainage area (sq. mi., est.) 966
Goal 2: Inc. Goal 3: Inc.	rease the cov rease regulat vance multipl	verage of adequate ory flood hazard ma	flood hazard mapping to apping in at least 50% o	signed for larger storm events. o at least 50% of the region. of the areas identified as having out of date flood mapping. eliminary engineering efforts in flood prone areas including the Sabine Pass to

# **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	d (miles) 67
# of low water crossings	5	# of historical road	closures 5

# **Estimated Cost and Funding Availability**

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





**REGION 4** 

Title Elevation of Feeder Road Bridge Along IH-10 at Cole Creek Feasibility Study

 ID#
 041000061
 Sponsor
 Orange County Drainage District

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



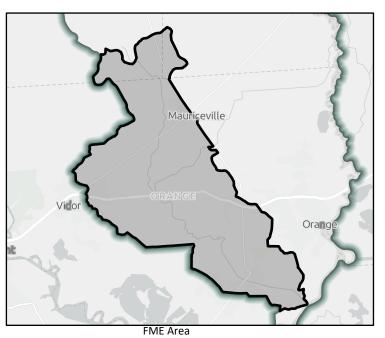
Study Detai	ls	
Study type	Project Planning	County Orange
Study descrip	tion Elevation of Feeder Road	Bridge Along IH-10 at Cole Creek Feasibility Study
Goal(s) Goal Goal	1: Advance multiple regional f 2: Increase the coverage of ad	mergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.) 119 lood infrastructure projects designed for larger storm events. equate flood hazard mapping to at least 50% of the region.
Goal	<b>o</b> ,	azard mapping in at least 50% of the areas identified as having out of date flood mapping. tection planning studies and preliminary engineering efforts in flood prone areas including the Sabine Pass to

# **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	Potential federal	Potential Federal	
	Voc	i otentiari edelar	
Cost \$500,000	funding availability? Yes	Funding Sources	
COSL	running availability:	Tuliuling Sources	





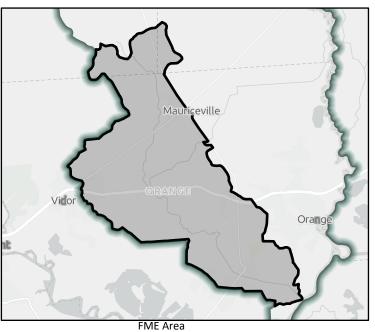
Title Lawrence Roa	ad Detention Pond Feasibility Stu	dy	CARINE
ID# 041000062	Sponsor Orange County Drai	nage District	
Recommended by	RFPG? Yes Reason for Recommendation	Aligns with RFPG Goals	REGIONAL FLOOD PLANNING GROUP
Study Details			
Study type	Project Planning	County Orange	
Study description	Lawrence Road Detention Pond	Feasibility Study	
FME to create new	H&H model? Yes Emerge	ncy Need? Yes Anticipated models	s in near term? Yes Drainage area (sq. mi., est.) 119
Goal 2: In Goal 3: In	crease the coverage of adequate crease regulatory flood hazard n dvance multiple flood protection		

# **100-Year Flood Risk Summary**

Population at risk 10,805		i	# 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 imp	oacted (miles)	156	
# of low water crossings	7			# of historical	road closures	7	

# **Estimated Cost and Funding Availability**

Total Potential federal	Potential Federal
Cost \$400,000 funding availability? Yes	Funding Sources





**REGION 4** 

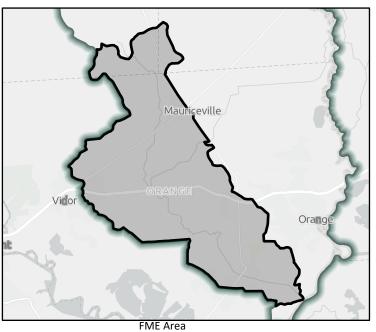
Title Diversion Channel Cow Bayou Feas	ibility Study	
ID# 041000063 Sponsor Orange O	County Drainage District	
Recommended by REPG? Vec	Reason for Mendation Aligns with RFPG Goals	REGIONAL FLOOD PLANNING GROUP
Study Details		
Study type Project Planning	County Orange	
Study description Diversion Channel Co	w Bayou Feasibility Study	
FME to create new H&H model? Yes	Emergency Need? Yes Anticipated m	nodels in near term? Yes Drainage area (sq. mi., est.) 119
Goal 2: Increase the coverage of Goal 3: Increase regulatory floo		0

# **100-Year Flood Risk Summary**

Population at risk 10,805		# of structure	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**

Tatal	Potential federal	Potential Federal	
Total	Potential leueral	Fotential Federal	
Cost \$5,209,500	funding availability? Yes	Funding Sources	
6651			





**REGION 4** 

Title Bell Cutoff Low Water Crossing Study

ID# 041000064 Sponsor Marshall (Municipality) Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals



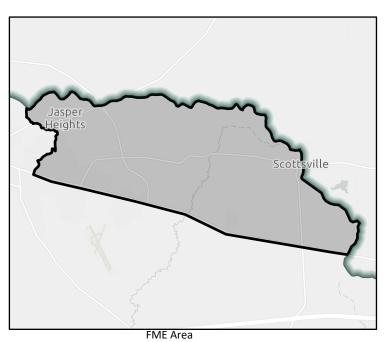
Study Details					
Study type	Project Planning	County Harriso	วท		
Study description		• •	ernatives to reduce flood risk, develop feasibility of nature based solutions.	o OPCC for conceptual alternatives, and rank	
FME to create nev	w H&H model? Yes Emerg	ency Need? No	Anticipated models in near term?	No Drainage area (sq. mi., est.) 12	
Goal(s) Goal 1: A	dvance multiple regional flood	nfrastructure projec	cts designed for larger storm events.		

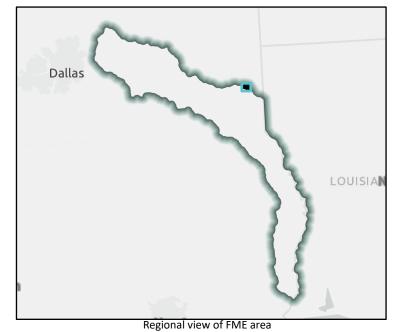
# **100-Year Flood Risk Summary**

Population at risk 271	# of structures	54	# of critical facilities 0
Flood risk type: Riverine? Yes	Coastal? No	Local Flooding? No	Other? No
Farm/Ranch land impacted (ac.)	344	Roadways impacted (miles)	344
# of low water crossings	0	# of historical road closures	0

# **Estimated Cost and Funding Availability**

Total	Potential federal	Potential Federal	
Total Cost <sup>\$75,000</sup> f		Funding Sources	None





Title Happy Hallow Creek Erosion Protection Study ID# 041000065 Sponsor Marshall (Municipality) Reason for Aligns with RFPG Goals Recommended by RFPG? Yes Recommendation **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? No Emergency Need? No 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.

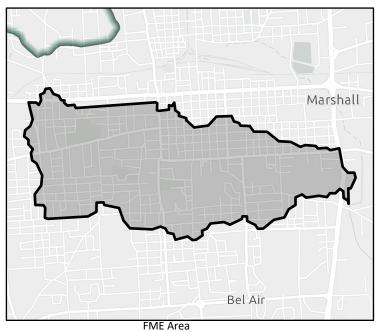
### **100-Year Flood Risk Summary**

Flood risk type: Riverine?YesCoastal?NoLocal Flooding?NoOther?NoFarm/Ranch land impacted (ac.)0Roadways impacted (miles)00000# of low water crossings0Impacted closures0Impacted closures000	Population at risk 639	# of structu	ures 93	# of critical facilities 0
	Flood risk type: Riverine? Yes	Coastal? No	Local Flooding? No	Other? No
# of low water crossings     0     # of historical road closures     0	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**

Potential federal Total funding availability? No \$75,000 Cost

Potential Federal None Funding Sources





Regional view of FME area

**REGION 4** 

CVK

**REGIONAL FLOOD PLANNING GROUP** 

Title Cox Creek Cul	vert Improvement Feasibility Stu Sponsor Marshall (Municipal		<b>SABINE</b>
Recommended by F	Reason for	Aligns with RFPG Goals	REGIONAL FLOOD PLANNING GROUP
Study Details			
Study type	Project Planning	County Harrison	
		op conceptual alternatives to reduce s s should evaluate feasibility of nature	lood risk, develop OPCC for conceptual alternatives, and rank based solutions.
FME to create new	H&H model? Yes Emerger	ncy Need? No Anticipated mode	ls in near term? No Drainage area (sq. mi., est.) 6

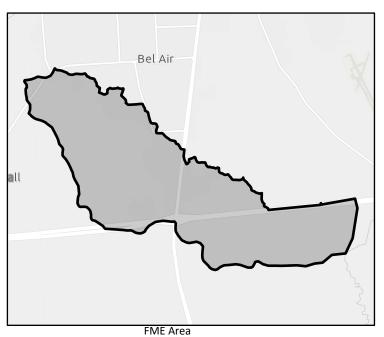
Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.

**100-Year Flood Risk Summary** 

Population at risk 112		-	# of structures	29		# of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	47			Roadways imp	acted (miles)	47	
# of low water crossings	0			# of historical	road closures	0	

### **Estimated Cost and Funding Availability**

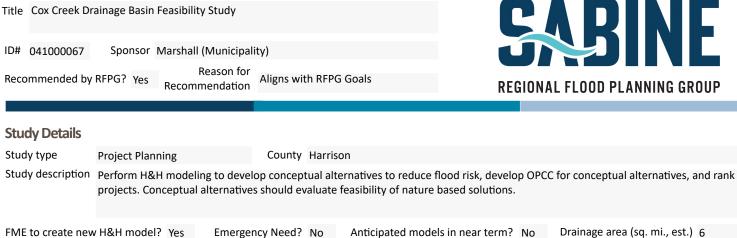
Total	Potential federal	Potential Federal	
Total	No		
Cost \$75,000	funding availability? No	Funding Sources None	
COST			





**REGION 4** 

66 of 176



Drainage area (sq. mi., est.) 6

**REGION 4** 

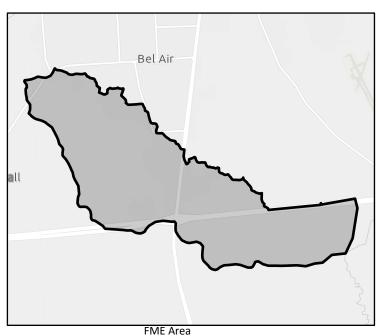
Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.

### **100-Year Flood Risk Summary**

Population at risk 112	#	of structures	29	-	# of critical facilities 0	
Flood risk type: Riverine? Yes	Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	47		Roadways imp	acted (miles)	47	
# of low water crossings	0		# of historical r	oad closures	0	

# **Estimated Cost and Funding Availability**

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





Title City of Mars	hall Drainage	System Improvemer	nts Study	<b>SABINE</b>
ID# 041000068	Sponsor	Marshall (Municipal	ity)	
Recommended by	RFPG? Yes	Reason for Recommendation	Aligns with RFPG Goals	REGIONAL FLOOD PLANNING GROUP
Study Details				
Study type	Project Plan	ning	County Harrison	
Study description		0	op conceptual alternatives to reduce s should evaluate feasibility of nature	flood risk, develop OPCC for conceptual alternatives, and rank

Drainage area (sq. mi., est.) 13 FME to create new H&H model? Yes Emergency Need? No Anticipated models in near term? No

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

# **100-Year Flood Risk Summary**

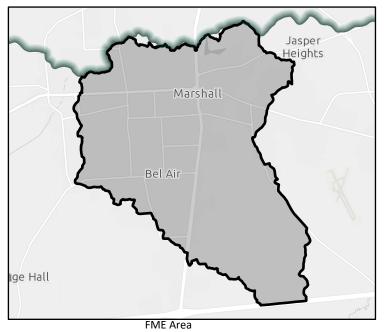
Flood risk type: Riverine?YesCoastal?NoLocal Flooding?Other?NoFarm/Ranch land impacted (ac.)120Roadways impacted (miles)120120# of low water crossings0# of historical road closures0	Population at risk 4,657	# of structures 465	5 # of critical facilities	0
	Flood risk type: Riverine? Yes	Coastal? No Loca	cal Flooding? No Other? No	
# of low water crossings0# of historical road closures0	Farm/Ranch land impacted (ac.) 120	F	Roadways impacted (miles) 120	
	# of low water crossings 0	#	# of historical road closures 0	

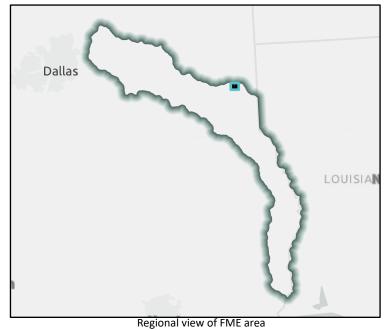
# **Estimated Cost and Funding Availability**

Total \$100,000 Cost

Potential federal funding availability?

**Potential Federal** None Funding Sources





**REGION 4** 

 Title
 East Parker Creek Detention Pond Feasibility Study

 ID#
 041000069
 Sponsor
 Marshall (Municipality)

 Recommended by RFPG?
 Yes
 Reason for Recommendation



Study Details						
Study type	Project Planning	County Harris	son			
Study description		• •	ternatives to reduce flood risk, develop OPC e feasibility of nature based solutions.	CC for conceptual alternatives, and rank		
FME to create new H&H model?       No       Emergency Need?       No       Anticipated models in near term?       Yes       Drainage area (sq. mi., est.)       13						
Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.						

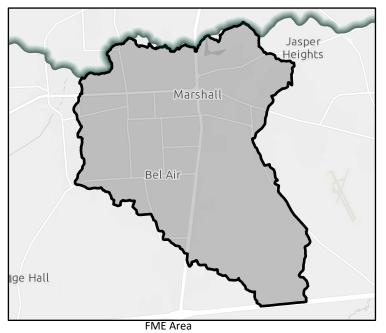
# **100-Year Flood Risk Summary**

Flood risk type: Riverine?YesCoastal?NoLocal Flooding?NoOther?NoFarm/Ranch land impacted (ac.)120Roadways impacted (miles)120120# of low water crossings0# of historical road closures0	Population at risk 4,657	# of structures	465	# of critical facilities 0
	Flood risk type: Riverine? Yes	Coastal? No	Local Flooding? No	Other? No
# of low water crossings0# of historical road closures0	Farm/Ranch land impacted (ac.) 12	0	Roadways impacted (miles)	120
	# of low water crossings 0		# of historical road closures	0

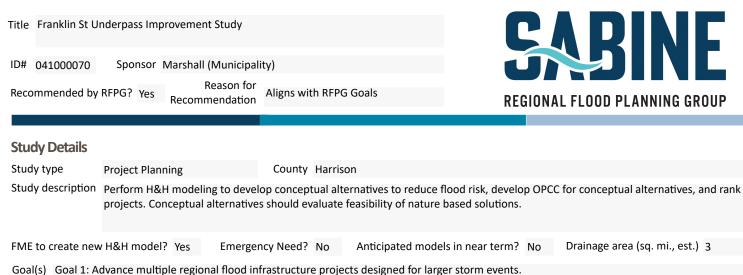
# **Estimated Cost and Funding Availability**

Total<br/>\$75,000Potential federal<br/>funding availability?No

Potential Federal Funding Sources None







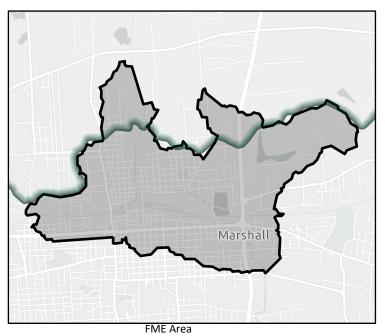
# **100-Year Flood Risk Summary**

Population at risk 1,416		-	# of structures	141	#	t of critical facilities 0
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No
Farm/Ranch land impacted (ac.)	6			Roadways im	pacted (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?

Potential Federal Funding Sources None





**REGION 4** 

 Title
 Happy Hallow Creek Conveyance Improvement Study

 ID#
 041000071
 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?
 No
 Emergency Need?
 No
 Anticipated models in near term?
 Yes
 Drainage area (sq. mi., est.)
 2

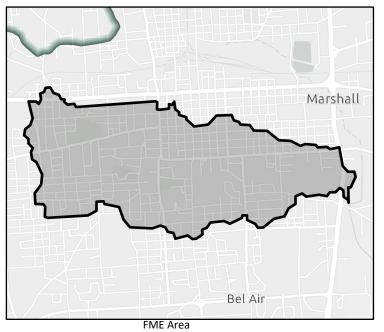
Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.

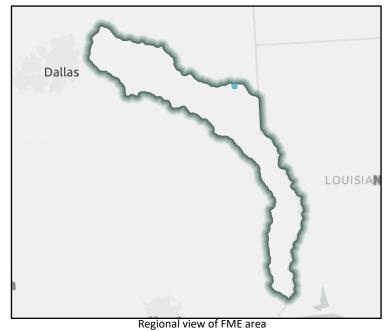
### **100-Year Flood Risk Summary**

Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No   Farm/Ranch land impacted (ac.) 0 Roadways impacted (miles) 0 Impacted (miles) 0   # of low water crossings 0 # of historical road closures 0	Population at risk 639	# of structures 93	# of critical facilities 0
	Flood risk type: Riverine? Yes	Coastal? No Local Flooding? No	Other? No
# of low water crossings       0       # of historical road closures       0	Farm/Ranch land impacted (ac.) 0	Roadways impacted (mile	es) 0
	# of low water crossings 0	# of historical road closur	res 0

### **Estimated Cost and Funding Availability**

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





**REGION 4** 

Title Lower Happy Hollow Creek Detention Pond Feasibility Study

ID# 041000072 Sponsor Marshall (Municipality)

Recommended by RFPG? Yes

Reason for Recommendation Aligns with RFPG Goals



Study Details						
Study type	Project Planning	County Harriso	on			
Study description			ernatives to reduce flood risk, develop OP feasibility of nature based solutions.	CC for conceptual alternatives, and rank		
FME to create new H&H model?       No       Emergency Need?       No       Anticipated models in near term?       Yes       Drainage area (sq. mi., est.)       13						
Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.						

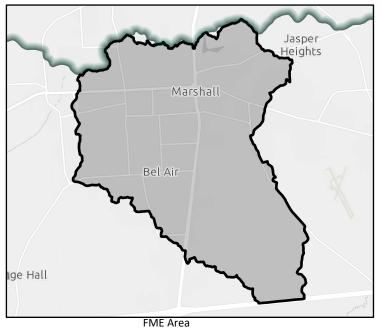
# 100-Year Flood Risk Summary

Flood risk type: Riverine?       Yes       Coastal?       No       Local Flooding?       No       Other?       No         Farm/Ranch land impacted (ac.)       120       Roadways impacted (miles)       120 <th>Population at risk 4,657</th> <th># of structures</th> <th>5 465</th> <th># of critical facilities 0</th>	Population at risk 4,657	# of structures	5 465	# of critical facilities 0
	Flood risk type: Riverine? Yes	Coastal? No	Local Flooding? No	Other? No
# of low water crossings 0 # of historical road closures 0	Farm/Ranch land impacted (ac.) 1	120	Roadways impacted (miles)	120
	# of low water crossings C	)	# of historical road closures	0

# **Estimated Cost and Funding Availability**

Total<br/>\$75,000Potential federal<br/>funding availability?No

Potential Federal Funding Sources None





Title Parker Creek Maintenance Study

 
 ID#
 041000073
 Sponsor
 Marshall (Municipality)

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



Study Details						
Study type	Project Planning	County Harriso	on			
Study descriptior			rnatives to reduce flood risk, develop OP easibility of nature based solutions.	CC for conceptual alternatives, and rank		
FME to create ne	w H&H model? No Emerg	ency Need? No	Anticipated models in near term? Yes	Drainage area (sq. mi., est.) 13		
Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.						

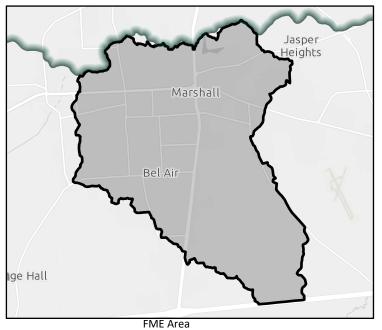
# **100-Year Flood Risk Summary**

Flood risk type: Riverine?YesCoastal?NoLocal Flooding?NoOther?NoFarm/Ranch land impacted (ac.)120Roadways impacted (miles)120120# of low water crossings0# of historical road closures0	Population at risk 4,657	# 0	of structures 465	# of critical facilities 0	
	Flood risk type: Riverine? Yes	Coastal? N	No Local Flooding?	No Other? No	
# of low water crossings       0       # of historical road closures       0	Farm/Ranch land impacted (ac.)	120	Roadways imp	acted (miles) 120	
	# of low water crossings	0	# of historical	road closures 0	

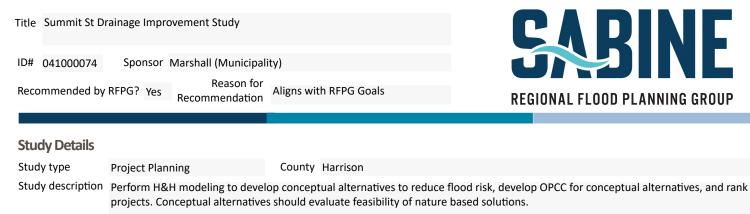
# **Estimated Cost and Funding Availability**

Total<br/>\$10,000Potential federal<br/>funding availability?No

Potential Federal Funding Sources None







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

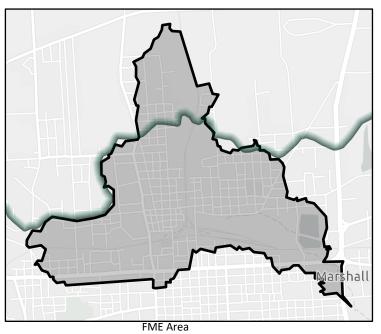
Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.

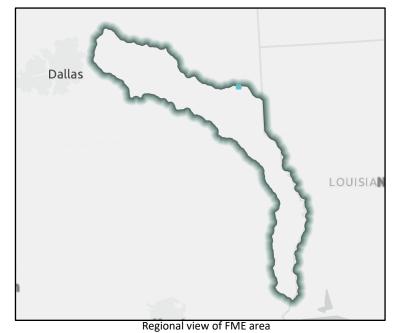
### **100-Year Flood Risk Summary**

Population at risk 835		-	# of structures 64			# of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	2			Roadways im	pacted (miles)	2	
# of low water crossings	0			# of historical	road closures	0	

# **Estimated Cost and Funding Availability**

Total	Potential federal	Potential Federal
Total data and	No	
Cost \$75,000	funding availability? No	Funding Sources None
2031		





**REGION 4** 

Title Town Branch	Creek Detention Pond Feasibility Sponsor Marshall (Municipal	<b>SABINE</b>	
Recommended by	RFPG? Yes Reason for Recommendation	Aligns with RFPG Goals	REGIONAL FLOOD PLANNING GROUP
Study Details			
Study type	Project Planning	County Harrison	
Study description		op conceptual alternatives to reduce s should evaluate feasibility of nature	flood risk, develop OPCC for conceptual alternatives, and rank based solutions.

Drainage area (sq. mi., est.) 13 FME to create new H&H model? Yes Emergency Need? No Anticipated models in near term? No

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

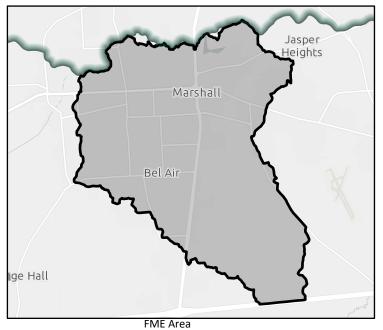
# **100-Year Flood Risk Summary**

Flood risk type: Riverine?YesCoastal?NoLocal Flooding?NoOther?NoFarm/Ranch land impacted (ac.)120Roadways impacted (miles)120120# of low water crossings0# of historical road closures0	Population at risk 4,657	# of structure	es 465	# of critical facilities 0
	Flood risk type: Riverine? Yes	Coastal? No	Local Flooding? No	Other? No
# of low water crossings       0       # of historical road closures       0	Farm/Ranch land impacted (ac.) 12		Roadways impacted (miles)	120
	# of low water crossings 0		# of historical road closures	0

# **Estimated Cost and Funding Availability**

Potential federal Total funding availability? \$75,000 Cost

**Potential Federal** None Funding Sources





Regional view of FME area

**REGION 4** 

 Title
 Turtle Creek Detention Pond Feasibility Study

 ID#
 041000076
 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?
 No
 Emergency Need?
 No
 Anticipated models in near term?
 Yes
 Drainage area (sq. mi., est.)
 13

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

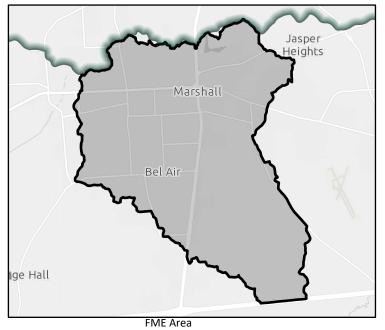
# **100-Year Flood Risk Summary**

Population at risk 4,657		#	of structures	465		# of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	120			Roadways imp	acted (miles)	120	
# of low water crossings	0			# of historical r	oad closures	0	

# **Estimated Cost and Funding Availability**

Total Cost \$75,000 Potential federal funding availability? No

Potential Federal Funding Sources None





**REGION 4** 

CARIN

**REGIONAL FLOOD PLANNING GROUP** 

 Title
 Turtle Creek Maintenance Study

 ID#
 041000077
 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? No Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.) 7

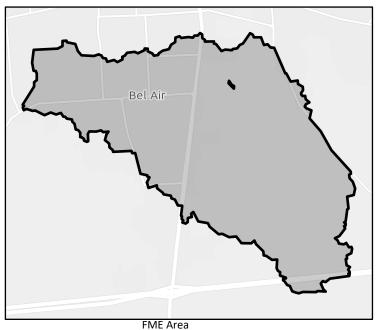
Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.

# **100-Year Flood Risk Summary**

Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No   Farm/Ranch land impacted (ac.) 104 Roadways impacted (miles) 104 104   # of low water crossings 0 # of historical road closures 0	Population at risk 2,237	# of structures 188	# of critical facilities 0
	Flood risk type: Riverine? Yes	Coastal? No Local Flooding? No	No Other? No
# of low water crossings0# of historical road closures0	Farm/Ranch land impacted (ac.) 104	Roadways impa	acted (miles) 104
	# of low water crossings 0	# of historical r	oad closures 0

# **Estimated Cost and Funding Availability**

Total<br/>CostPotential federal<br/>funding availability?NoPotential Federal<br/>Funding Sources

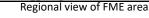




None

**REGION 4** 

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Title Upper Happy Hollow Creek Detention Pond Feasibility Study

ID# 041000078 Sponsor Marshall (Municipality)

Recommended by RFPG? Yes

Reason for Recommendation Aligns with RFPG Goals



Study Details						
Study type	Project Planning	County Harris	on			
Study description	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 nev	FME to create new H&H model?       No       Emergency Need?       No       Anticipated models in near term?       Yes       Drainage area (sq. mi., est.)       13					
Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.						

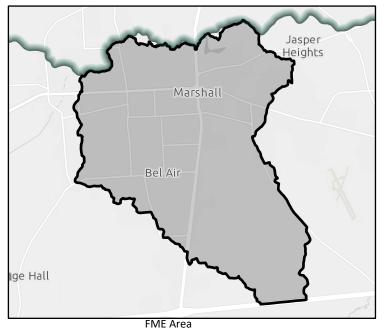
# **100-Year Flood Risk Summary**

Flood risk type: Riverine?YesCoastal?NoLocal Flooding?NoOther?NoFarm/Ranch land impacted (ac.)120Roadways impacted (miles)120120120# of low water crossings0# of historical road closures0120	Population at risk 4,657	# of structure	s 465	# of critical facilities 0
	Flood risk type: Riverine? Yes	Coastal? No	Local Flooding? No	Other? No
# of low water crossings0# of historical road closures0	Farm/Ranch land impacted (ac.) 12		Roadways impacted (miles)	120
	# of low water crossings 0		# of historical road closures	0

# **Estimated Cost and Funding Availability**

Total<br/>\$75,000Potential federal<br/>funding availability?No

Potential Federal Funding Sources None





 Title
 Van Zandt County Master Drainage Plan

 ID#
 041000079
 Sponsor
 Van Zandt (County)

 Recommended by RFPG?
 Yes
 Reason for Recommendation



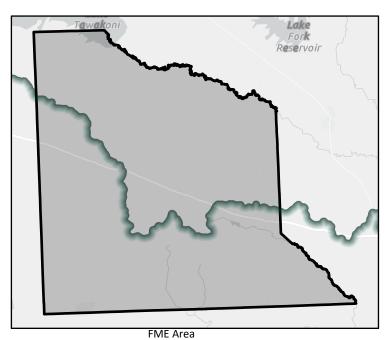
# Study Details Study type Watershed Planning County Van Zandt Study description Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. FME to create new H&H model? Yes Emergency Need? No Anticipated models in near term? No Drainage area (sq. mi., est.) 856 Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events. Storm events. Storm events.

### **100-Year Flood Risk Summary**

Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No   Farm/Ranch land impacted (ac.) 24,554 Roadways impacted (miles) 24,554 24,554   # of low water crossings 9 # of historical road closures 9	Population at risk 1,954	# of structures 1,080	# of critical facilities 0
	Flood risk type: Riverine? Yes	Coastal? No Local Flooding? No	Other? No
# of low water crossings9# of historical road closures9	Farm/Ranch land impacted (ac.) 24,554	Roadways impacted (m	iles) 24,554
	# of low water crossings 9	# of historical road clos	sures 9

# **Estimated Cost and Funding Availability**

Total	Potential federal	Potential Federal
	No	
Cost \$935,000	funding availability? No	Funding Sources None
CUSI	Turiung availability:	Tunung Sources





Title Smith County Drainage Capacity Upgrades

Sponsor Smith (County)

Recommended by RFPG? Yes

ID# 041000080

Reason for Recommendation



Study Dotails					
Study Details					
Study type	Project Planning	County Smith			
Study description	Complete a detailed s	tudy within the county exter	nt to delineate an updated flood haza	rd area, w	which can be used for regulatory purposes.
FME to create new	H&H model? Yes	Emergency Need? Yes	Anticipated models in near term?	No D	Drainage area (sq. mi., est.) 946
Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.					

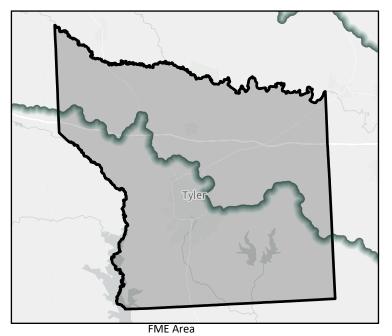
# **100-Year Flood Risk Summary**

Flood risk type: Riverine?YesCoastal?NoLocal Flooding?NoOther?NoFarm/Ranch land impacted (ac.)9,799Roadways impacted (miles)9,7999,7999,799# of low water crossings0# of historical road closures00	Population at risk 2,893	# of structure	s 1,303	# of critical facilities 7
	Flood risk type: Riverine? Yes	Coastal? No	Local Flooding? No	Other? No
# of low water crossings     0     # of historical road closures     0	Farm/Ranch land impacted (ac.) 9	9,799	Roadways impacted (miles)	9,799
	# of low water crossings C	0	# of historical road closures	0

# **Estimated Cost and Funding Availability**

Total Cost \$225,000 Potential federal funding availability?

Potential Federal Funding Sources None





 Title
 Rusk County Drainage Master Plan

 ID#
 041000081
 Sponsor

 Recommended by RFPG?
 Reason for Recommendation



# Study Details Study type Watershed Planning County Rusk 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.) 935 Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events. Storm events

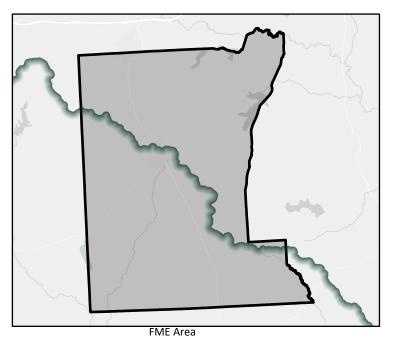
# **100-Year Flood Risk Summary**

Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No   Farm/Ranch land impacted (ac.) 12,476 Roadways impacted (miles) 12,476 12,476   # of low water crossings 5 # of historical road closures 5	Population at risk 1,789	# of structures	s 899	# of critical facilities 2
	Flood risk type: Riverine? Yes	Coastal? No	Local Flooding? No	Other? No
# of low water crossings     5     # of historical road closures     5	Farm/Ranch land impacted (ac.) 12	76	Roadways impacted (miles)	12,476
	# of low water crossings 5		# of historical road closures	5

# **Estimated Cost and Funding Availability**

Total Cost \$750,000 Potential federal funding availability?

Potential Federal Funding Sources





Title Shelby County Drainage Master Plan ID# 041000082 Sponsor Shelby (County) Reason for Aligns with RFPG Goals Recommended by RFPG? Yes Recommendation



### **Study Details** Study type Watershed Planning County Iby 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? No Anticipated models in near term? No Drainage area (sq. mi., est.) 831 Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.

### **100-Year Flood Risk Summary**

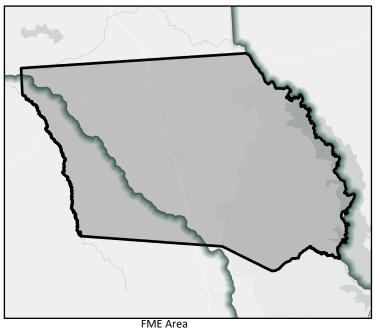
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No   Farm/Ranch land impacted (ac.) 8,973 Roadways impacted (miles) 8,973 4   # of low water crossings 3 4 historical road closures 3	Population at risk 212	# of structure	s 575	# of critical facilities 0
	Flood risk type: Riverine? Yes	Coastal? No	Local Flooding? No	Other? No
# of low water crossings3# of historical road closures3	Farm/Ranch land impacted (ac.) 8,9	3	Roadways impacted (miles)	8,973
	# of low water crossings 3		# of historical road closures	3

# **Estimated Cost and Funding Availability**

Total \$150,000 Cost

Potential federal funding availability? No

**Potential Federal** None Funding Sources





 Title
 Jasper County Drainage Master Plan

 ID#
 041000083
 Sponsor
 Jasper (County)

 Recommended by RFPG?
 Yes
 Reason for Recommendation



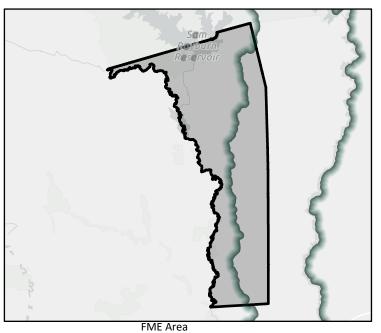
# Study Details Study type Watershed Planning County Jasper Study description Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility 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. Ventore

### **100-Year Flood Risk Summary**

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	Population at risk 2,481	# of structure	s 945	# of critical facilities 11
	Flood risk type: Riverine? Yes	Coastal? No	Local Flooding? No	Other? No
# of low water crossings     5     # of historical road closures     5	Farm/Ranch land impacted (ac.) 5,8	l	Roadways impacted (miles)	5,864
	# of low water crossings 5		# of historical road closures	5

# **Estimated Cost and Funding Availability**

Total<br/>CostPotential federal<br/>funding availability?NoPotential Federal<br/>Funding SourcesNone





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 Title
 Orange County Flood Hazard Mapping

 ID#
 041000084
 Sponsor
 Orange (County)

 Recommended by RFPG?
 Yes
 Reason for Recommendation

 Aligns with RFPG Goals
 Study Details

 Study type
 Watershed Planning
 County
 Orange

 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? YesEmergency Need? YesAnticipated models in near term? NoDrainage area (sq. mi., est.) 371

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

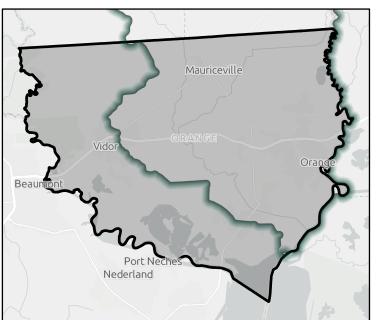
# **100-Year Flood Risk Summary**

Flood risk type: Riverine?       Yes       Coastal?       Yes       Local Flooding?       No       Other?       No         Farm/Ranch land impacted (ac.)       13,579       Roadways impacted (miles)       13,579	Population at risk 44,427	# of structur	es 16,974	# of critical facilities 269
Farm/Ranch land impacted (ac.) 13,579 Roadways impacted (miles) 13,579	Flood risk type: Riverine? Yes	Coastal? Yes	Local Flooding? No	Other? No
	Farm/Ranch land impacted (ac.)	13,579	Roadways impacted (miles)	13,579
# of low water crossings22# of historical road closures22	# of low water crossings	22	# of historical road closures	22

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# **Estimated Cost and Funding Availability**

Total<br/>Cost\$1,500,000Potential federal<br/>funding availability?NoPotential Federal<br/>Funding Sources





None

FME Area

CARIN

**REGIONAL FLOOD PLANNING GROUP** 

 Title
 Orange County Drainage Master Plan

 ID#
 041000085
 Sponsor
 Orange (County)

 Recommended by RFPG?
 Yes
 Reason for Recommendation



# **Study Details**

Study type	Watershed Planning	County Orange	e		
Study description		0 /	d risk, develop conceptual alternative: otual alternatives should evaluate feas		, ,
FME to create nev	v H&H model? Yes	Emergency Need? Yes	Anticipated models in near term?	No	Drainage area (sq. mi., est.) 371

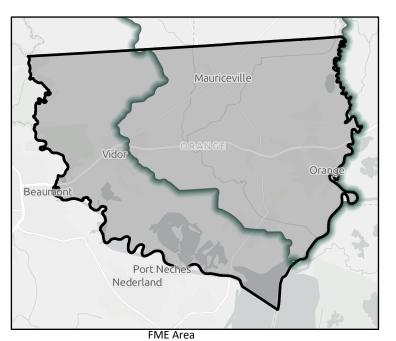
Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.

# **100-Year Flood Risk Summary**

Population at risk 44,427		# of structures	5 16,974	# of critical facilities 269
Flood risk type: Riverine? Yes	Coa	oastal? Yes	Local Flooding? No	Other? No
Farm/Ranch land impacted (ac.)	13,579		Roadways impacted	(miles) 13,579
# of low water crossings	22		# of historical road cl	osures 22

# **Estimated Cost and Funding Availability**

Total<br/>CostPotential federal<br/>funding availability?NoPotential Federal<br/>Funding Sources





None

Title Kaufman County Flood Hazard Mapping ID# 041000086 Sponsor Kaufman (County) Reason for Aligns with RFPG Goals Recommended by RFPG? Yes Recommendation **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

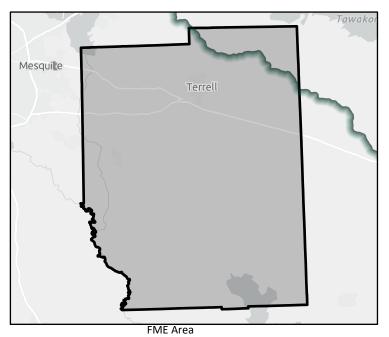
Goal(s) Goal 1: Increase number of communities with documented, operational and funded stormwater asset management plan and maintenance operations to 50%.

# **100-Year Flood Risk Summary**

Flood risk type: Riverine?YesCoastal?NoLocal Flooding?NoOther?NoFarm/Ranch land impacted (ac.)2,567Roadways impacted (miles)2,5672,567# of low water crossings3# of historical road closures3	Population at risk 100	# of structures 79	# of critical facilities 0
	Flood risk type: Riverine? Yes	Coastal? No Local Flooding? No	Other? No
# of low water crossings3# of historical road closures3	Farm/Ranch land impacted (ac.) 2,567	Roadways impacted (miles	s) 2,567
	# of low water crossings 3	# of historical road closure	es 3

# **Estimated Cost and Funding Availability**

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





**REGION 4** 

CARIN

**REGIONAL FLOOD PLANNING GROUP** 

Title Rockwall County Flood Hazard Mapping ID# 041000087 Sponsor Rockwall (County) Reason for Aligns with RFPG Goals Recommended by RFPG? Yes Recommendation **Study Details** Study type County Rockwall

Watershed Planning 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.) 148

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**

Flood risk type: Riverine?       Yes       Coastal?       No       Local Flooding?       No       Other?       No         Farm/Ranch land impacted (ac.)       2,829       Roadways impacted (miles)       2,829       2,829	Population at risk 786	# of structure	s 191	# of critical facilities 0
Farm/Ranch land impacted (ac.)2,829Roadways impacted (miles)2,829	Flood risk type: Riverine? Yes	Coastal? No	Local Flooding? No	Other? No
	Farm/Ranch land impacted (ac.)	2,829	Roadways impacted (miles)	2,829
# of low water crossings11# of historical road closures11	# of low water crossings	11	# of historical road closures	11

# **Estimated Cost and Funding Availability**

Potential federal Total \$575,000 No funding availability? Cost

**Potential Federal** None **Funding Sources** 





**REGION 4** 

CARIN

**REGIONAL FLOOD PLANNING GROUP** 

Title Collin County Flood Hazard Mapping ID# 041000088 Sponsor Collin (County) Reason for Aligns with RFPG Goals Recommended by RFPG? Yes Recommendation **Study Details** Study type County Collin Watershed Planning 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.) 883

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**

Flood risk type: Riverine?YesCoastal?NoLocal Flooding?NoOther?NoFarm/Ranch land impacted (ac.)2,530Roadways impacted (miles)2,5302,530# of low water crossings2# of historical road closures2	Population at risk 313	# of structure	s 228	# of critical facilities 0
	Flood risk type: Riverine? Yes	Coastal? No	Local Flooding? No	Other? No
# of low water crossings 2 # of historical road closures 2	Farm/Ranch land impacted (ac.) 2,	0	Roadways impacted (miles)	2,530
	# of low water crossings 2		# of historical road closures	2

# **Estimated Cost and Funding Availability**

Total \$3,750,000 Cost

Potential federal No funding availability?

**Potential Federal** None **Funding Sources** 







Title
Hunt County Vountywide Drainage Study - Phase 2

ID#
041000089

Sponsor
Hunt (County)

Recommendation
Aligns with RFPG Goals

Recommendation

Aligns with RFPG Goals

Study Details

Study type

Project Planning

County

Hunt

County

Hunt

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?
 Yes
 Drainage area (sq. mi., est.)
 1,254

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

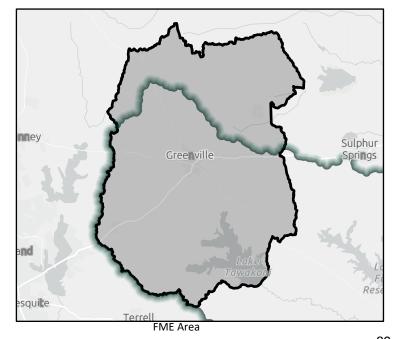
# **100-Year Flood Risk Summary**

Flood risk type: Riverine? Yes Coast	astal? No Local Flooding? No	Other? No
Farm/Ranch land impacted (ac.) 46,891	Roadways impacted (miles)	46,891
# of low water crossings 28	# of historical road closures	28

### **Estimated Cost and Funding Availability**

Total<br/>\$250,000Potential federal<br/>funding availability?No

Potential Federal Funding Sources





**REGION 4** 

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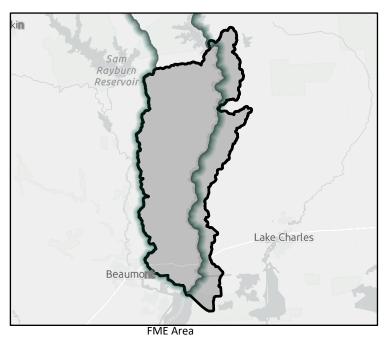
Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.

# **100-Year Flood Risk Summary**

Flood risk type: Riverine?YesCoastal?YesLocal Flooding?NoOther?NoFarm/Ranch land impacted (ac.)26,444Roadways impacted (miles)26,44426,444# of low water crossings37# of historical road closures37	Population at risk 50,172	# of structure	s 20,900	# of critical facilities 313
	Flood risk type: Riverine? Yes	Coastal? Yes	Local Flooding? No	Other? No
# of low water crossings37# of historical road closures37	Farm/Ranch land impacted (ac.) 26,4	14	Roadways impacted (miles)	26,444
	# of low water crossings 37		# of historical road closures	37

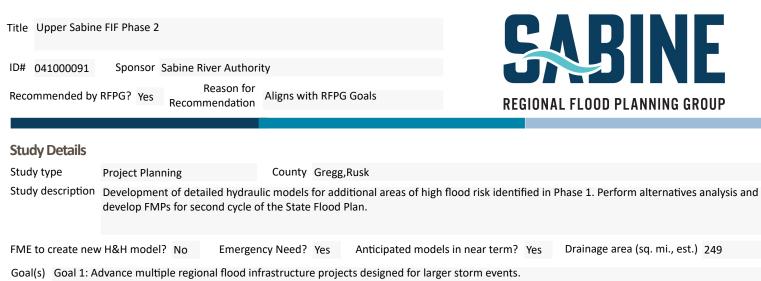
# **Estimated Cost and Funding Availability**

Total	Potential federal	Potential Federal
Total Cost \$250,000		
Cost \$250,000	funding availability?	Funding Sources None





**REGION 4** 

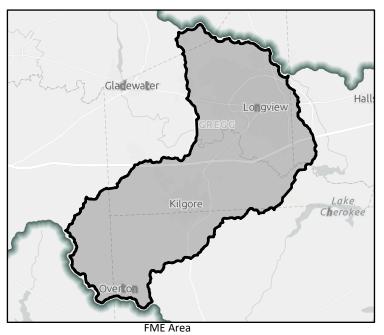


### **100-Year Flood Risk Summary**

Flood risk type: Riverine?YesCoastal?NoLocal Flooding?NoOther?NoFarm/Ranch land impacted (ac.)4,405Roadways impacted (miles)4,4054,405# of low water crossings3# of historical road closures3	Population at risk 14,565	# of structures 2,037	# of critical facilities 20
	Flood risk type: Riverine? Yes	Coastal? No Local Flooding? No	Other? No
# of low water crossings3# of historical road closures3	Farm/Ranch land impacted (ac.) 4,405	Roadways impacted (miles)	4,405
	# of low water crossings 3	# of historical road closures	3

### **Estimated Cost and Funding Availability**

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





**REGION 4** 

 Title
 Collin County Retention Structures Rehabilitation Project

 ID#
 041000092
 Sponsor
 Collin (County)

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



# Study Details Study type Project Planning County County Retention Structures Rehabilitation Project FME to create new H&H model? Yes Rengency Need? No Anticipated models in near term? No Drainage area (sq. mi., est.) 883

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

# **100-Year Flood Risk Summary**

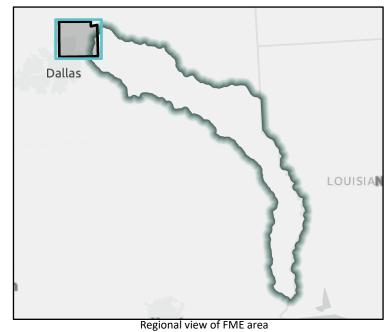
Population at risk 313		# of structures	5 228		# of critical facilities 0	
Flood risk type: Riverine? Yes	Coastal	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	2,530		Roadways im	pacted (miles)	2,530	
# of low water crossings	2		# of historical	road closures	2	

# **Estimated Cost and Funding Availability**

Total Cost \$30,000 Potential federal funding availability?

Potential Federal Funding Sources None





CARIN Title Collin County Flooding Hazard/Vulnerability Assessment ID# 041000093 Sponsor Collin (County) Reason for Aligns with RFPG Goals Recommended by RFPG? Yes **REGIONAL FLOOD PLANNING GROUP** Recommendation **Study Details** Study type County Collin **Project Planning** Study description Collin County flooding hazard/vulnerability assessment FME to create new H&H model? Yes Emergency Need? No Anticipated models in near term? No Drainage area (sq. mi., est.) 883

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

#### **100-Year Flood Risk Summary**

Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No   Farm/Ranch land impacted (ac.) 2,530 Roadways impacted (miles) 2,530 2,530   # of low water crossings 2 # of historical road closures 2	Population at risk 313	# of structures 228	# of critical facilities 0	
	Flood risk type: Riverine? Yes	Coastal? No Local Flooding? No	Other? No	
# of low water crossings2# of historical road closures2	Farm/Ranch land impacted (ac.) 2,530	Roadways impacted (miles	s) 2,530	
	# of low water crossings 2	# of historical road closure	es 2	

#### **Estimated Cost and Funding Availability**

Total \$30,000 Cost

Potential federal funding availability?

Potential Federal None Funding Sources

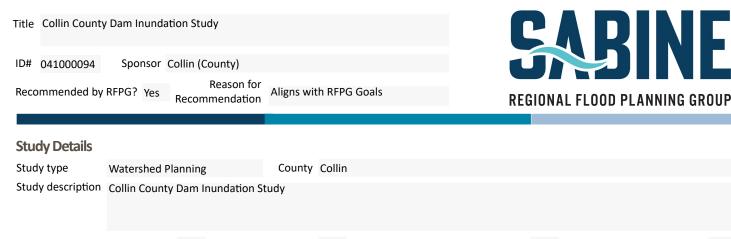




**REGION 4** 

F

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FME to create new H&H model? Yes Emergency Need? No Anticipated models in near term? No Drainage area (sq. mi., est.) 883

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**

Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No   Farm/Ranch land impacted (ac.) 2,530 Roadways impacted (miles) 2,530 4 of historical road closures 2	Population at risk 313	# of structures 228	# of critical facilities 0
	Flood risk type: Riverine? Yes	Coastal? No Local Flooding? No	Other? No
# of low water crossings2# of historical road closures2	Farm/Ranch land impacted (ac.) 2,530	Roadways impacted (miles	3) 2,530
	# of low water crossings 2	# of historical road closure	s 2

#### **Estimated Cost and Funding Availability**

Total \$30,000 Cost

Potential federal funding availability? No

Potential Federal None Funding Sources





Regional view of FME area

**REGION 4** 

F

 Title
 City of Emory Drainage Master Plan

 ID#
 041000095
 Sponsor

 Emory (Municipality)
 Reason for

 Recommended by RFPG?
 Recommendation



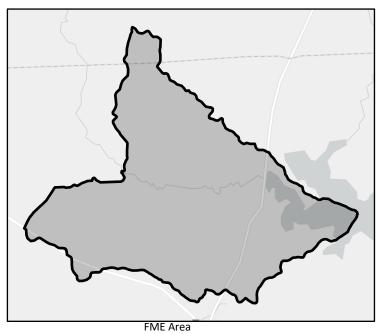
## Study Details Study type Watershed Planning County Rains,Hopkins Study description Development of detailed hydraulic models for areas of high flood risk. Perform alternatives analysis and develop FMPs for second cycle of the State Flood Plan. FME to create new H&H model? Yes Emergency Need? No Anticipated models in near term? No Drainage area (sq. mi., est.) 30 Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events. No Drainage area (sq. mi., est.) 30

#### **100-Year Flood Risk Summary**

Flood risk type: Riverine?YesCoastal?NoLocal Flooding?NoOther?NoFarm/Ranch land impacted (ac.)1,500Roadways impacted (miles)1,5001,500# of low water crossings0# of historical road closures0	Population at risk 30	# of structures 35	# of critical facilities 0
	Flood risk type: Riverine? Yes	Coastal? No Local Flooding? No	Other? No
# of low water crossings     0     # of historical road closures     0	Farm/Ranch land impacted (ac.) 1,500	Roadways impacted (miles)	1,500
	# of low water crossings 0	# of historical road closures	0

#### **Estimated Cost and Funding Availability**

Total Cost \$100,000 Potential federal funding availability?





Title City of Emory Roadway Flood Evaluation

ID# 041000096 Sponsor Emory (Municipality) Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals



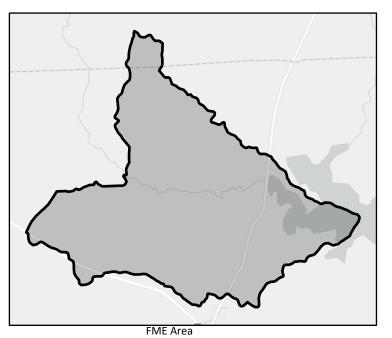
## Study Details Study type Project Planning County Rains,Hopkins Study description Development of detailed hydraulic models for areas of high flood risk. Perform alternatives analysis to evaluate roadway flooding throughout the city and Honeysuckle Lane, Quitman Street, Alexander Street, Wells Street, Skyline, and FM 515. FME to create new H&H model? Yes Emergency Need? No Anticipated models in near term? No Drainage area (sq. mi., est.) 30 Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events. Study for larger storm events. Study for larger storm events.

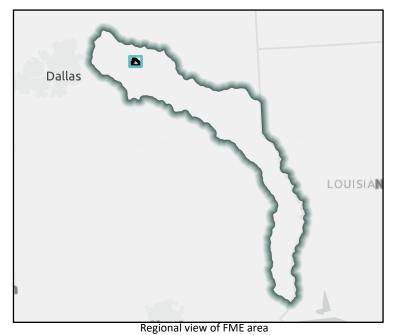
#### **100-Year Flood Risk Summary**

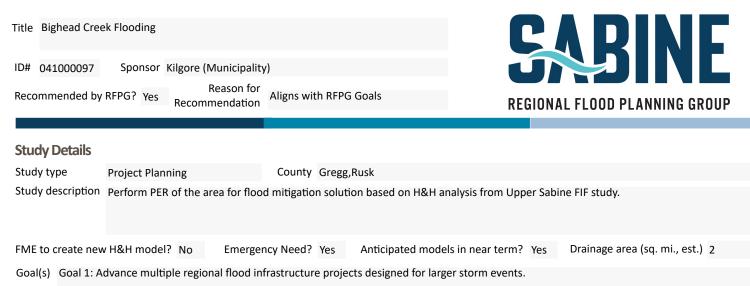
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No   Farm/Ranch land impacted (ac.) 1,500 Roadways impacted (miles) 1,500   # of low water crossings 0 # of historical road closures 0	Population at risk 30	# of structures 35 #	# of critical facilities 0
	Flood risk type: Riverine? Yes	Coastal? No Local Flooding? No	Other? No
# of low water crossings0# of historical road closures0	Farm/Ranch land impacted (ac.) 1,500	Roadways impacted (miles)	1,500
	# of low water crossings 0	# of historical road closures	0

#### **Estimated Cost and Funding Availability**

Total Cost \$100,000 Potential federal funding availability? No







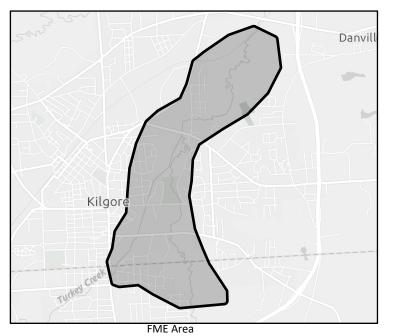
#### **100-Year Flood Risk Summary**

Flood risk type: Riverine?       Yes       Coastal?       No       Local Flooding?       No       Other?       No         Farm/Ranch land impacted (ac.)       79       79       Roadways impacted (miles)       79       79         # of low water crossings       0       for historical road closures       0       100	Population at risk 151	# of structure	es 57	# of critical facilities 3
	Flood risk type: Riverine? Yes	Coastal? No	Local Flooding? No	Other? No
# of low water crossings0# of historical road closures0	Farm/Ranch land impacted (ac.) 79		Roadways impacted (miles)	79
	# of low water crossings 0		# of historical road closures	0

#### **Estimated Cost and Funding Availability**

Total Cost \$75,000 Potential federal funding availability?

Potential Federal Funding Sources None





**REGION 4** 

Title Guthrie Creek Corridor Flooding ID# 041000098 Sponsor Longview (Municipality) Reason for Aligns with RFPG Goals Recommended by RFPG? Yes Recommendation



#### **Study Details** Study type County Gregg **Project Planning** 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**

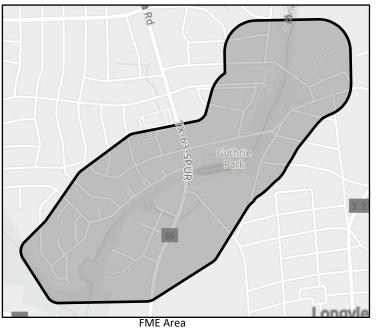
Population at risk 200		4	# of structures 37			of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	0			Roadways im	pacted (miles)	0	
# of low water crossings 0			# of historical road closu		road closures	0	

#### **Estimated Cost and Funding Availability**

Total \$75,000 Cost

Potential federal funding availability?

Potential Federal None Funding Sources





Title Longview Underpass Flooding ID# 041000099 Sponsor Longview (Municipality) Reason for Aligns with RFPG Goals Recommended by RFPG? Yes Recommendation



Study Details							
Study type	Project Planning	County Gregg					
Study description	Perform PER of the are	ea for flood mitigation soluti	on based on H&H analysis from Uppe	r Sabine FIF study.			
FME to create nev	w 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**

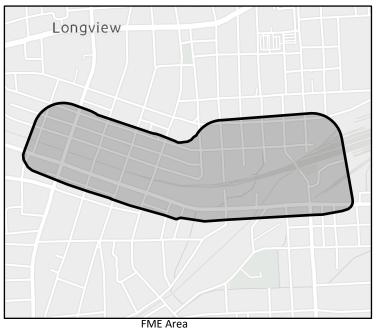
Population at risk 499		-	# of structures 33			# of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	0			Roadways im	pacted (miles)	0	
# of low water crossings	-			# of historica	l road closures	-	

#### **Estimated Cost and Funding Availability**

Total \$75,000 Cost

Potential federal funding availability? No

**Potential Federal** None Funding Sources





 Title
 Upper Wade Creek Flooding

 ID#
 041000100
 Sponsor
 Longview (Municipality)

 Recommended by RFPG?
 Yes
 Reason for Recommendation

## **CABBINE** REGIONAL FLOOD PLANNING GROUP

**REGION 4** 

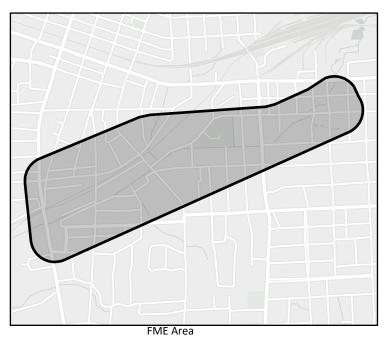
Study Details				
Study type	Project Planning	County Gregg	5	
Study description	Derform DEP of the area for floo	d mitigation colu	tion based on H&H analysis from Upper Sabi	no ElE study
,				
FME to create nev	w H&H model? No Emerger	ncy Need? No	Anticipated models in near term? Yes	Drainage area (sq. mi., est.) 0
Goal(s) Goal 1: A	dvance multiple regional flood in	frastructure proje	ects designed for larger storm events.	

#### **100-Year Flood Risk Summary**

Population at risk 248		# of structures 83			#	# of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	0			Roadways im	pacted (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?







**100-Year Flood Risk Summary** 

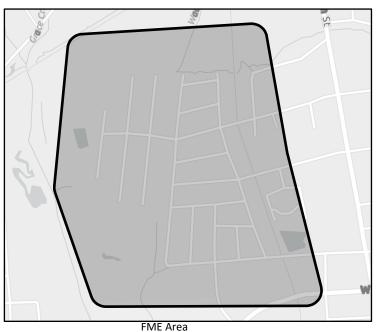
Population at risk 0			# of structures 0			# of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	2			Roadways im	pacted (miles)	2	
# of low water crossings	-			# of historica	road closures	-	

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#### **Estimated Cost and Funding Availability**

Total Cost \$75,000 Potential federal funding availability?

Potential Federal Funding Sources None





**REGION 4** 

 Title
 Turkey Creek Tributary Neighborhood Flooding

 ID#
 041000102
 Sponsor
 Kilgore (Municipality)

 Recommended by RFPG?
 Reason for Recommendation
 Aligns with RFPG Goals



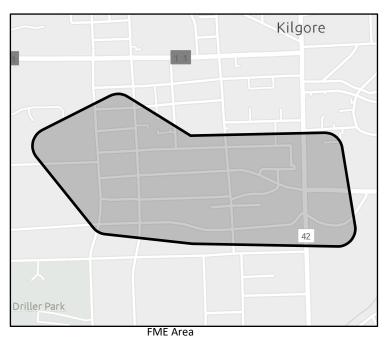
Study Details							
Study type	Project Planning	County Gregg					
Study description	Perform PER of the area for	lood mitigation solution	based on H&H analysis from Upper	Sabine FIF study.			
				,			
FME to create nev	w H&H model? No Eme	rgency Need? No A	Anticipated models in near term? Ye	Drainage 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**

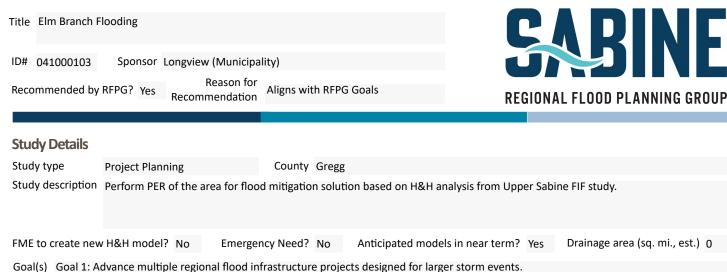
Population at risk 113	llation at risk 113		# of structures	41	#	of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	0			Roadways im	pacted (miles)	0	
# of low water crossings	0			# of historical	road closures	0	

#### **Estimated Cost and Funding Availability**

Total Cost \$75,000 Potential federal funding availability? No







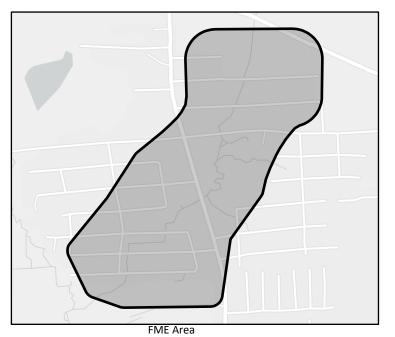
#### **100-Year Flood Risk Summary**

Population at risk 43		-	# of structures	18	ŧ	of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	1			Roadways im	pacted (miles)	1	
# of low water crossings	0			# of historical	road closures	0	

#### **Estimated Cost and Funding Availability**

Total Cost \$75,000 Potential federal funding availability?

Potential Federal Funding Sources None





**REGION 4** 

Regional view of FME area

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 Title
 Upper Turkey Creek Neighborhood Flooding

 ID#
 041000104
 Sponsor
 Kilgore (Municipality)

 Recommended by RFPG?
 Reason for Recommendation
 Aligns with RFPG Goals



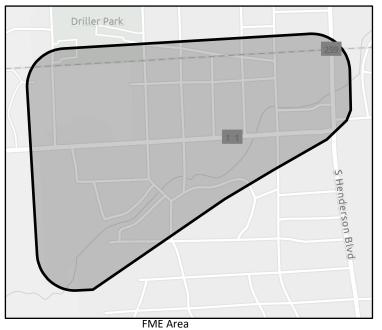
Study Details					
Study type	Project Planning	County Gregg	Rusk		
Study description	Perform PER of the area for fl	ood mitigation solut	ion based on H&H analysis from Uppe	er Sabine FIF study.	
FME to create nev	w H&H model? No Emer	gency Need? No	Anticipated models in near term?	Yes Drainage area (sq. mi.,	est.) 0
Goal(s) Goal 1: A	dvance multiple regional flood	infrastructure proje	cts designed for larger storm events.		

#### **100-Year Flood Risk Summary**

Population at risk 108	pulation at risk 108		# of structures	42	# of critical facilities 0		
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	0			Roadways im	pacted (miles)	0	
# of low water crossings	2			# of historical	road closures	2	

#### **Estimated Cost and Funding Availability**

Total Cost \$75,000 Potential federal funding availability?









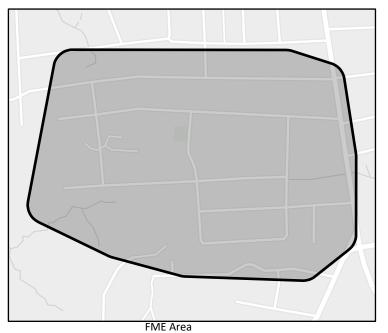
Study Details						
Study type	Project Planning	County Gregg	l.			
Study description	Perform PER of the area for floc	d mitigation solut	tion based on H&H analysis from Upp	er Sabin	e FIF study.	
FME to create new	v H&H model? No Emerge	ncy Need? No	Anticipated models in near term?	Yes	Drainage area (sq. mi., est.) 0	
Goal(s) Goal 1: A	dvance multiple regional flood ir	frastructure proje	ects designed for larger storm events.			

#### **100-Year Flood Risk Summary**

Population at risk 61		i	# of structures	10	4	# of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	0			Roadways im	pacted (miles)	0	
# of low water crossings	-			# of historica	road closures	-	

#### **Estimated Cost and Funding Availability**

Total Cost \$75,000 Potential federal funding availability?





 Title
 Upper Guthrie Creek Neighborhood Flooding

 ID#
 041000106
 Sponsor
 Longview (Municipality)

 Recommended by RFPG?
 Yes
 Reason for Recommendation



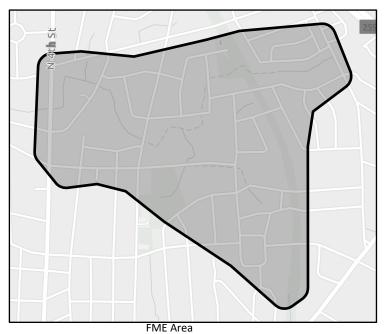
Study Details			
Study type Project Plannin	g County Gregg	1	
Study description Perform PER o	the area for flood mitigation solut	ion based on H&H analysis from Upper Sal	bine FIF study.
FME to create new H&H model?	No Emergency Need? No	Anticipated models in near term? Yes	Drainage area (sq. mi., est.) 0
Goal(s) Goal 1: Advance multiple	regional flood infrastructure proje	ects designed for larger storm events.	

#### **100-Year Flood Risk Summary**

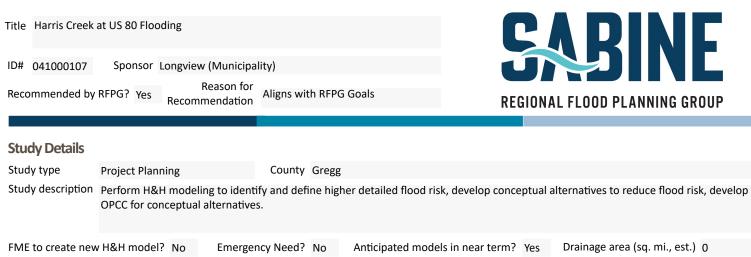
opulation at risk 493		-	# of structures 53			# of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	0			Roadways im	pacted (miles)	0	
# of low water crossings	0			# of historical	road closures	0	

#### **Estimated Cost and Funding Availability**

Total Cost \$75,000 Potential federal funding availability?







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

**100-Year Flood Risk Summary** 

Population at risk 48			# of structures	5 9	#	of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	1			Roadways im	pacted (miles)	1	
# of low water crossings	0			# of historical	road closures	0	

#### **Estimated Cost and Funding Availability**

Total Cost \$75,000 Potential federal funding availability?

Potential Federal Funding Sources None





**REGION 4** 

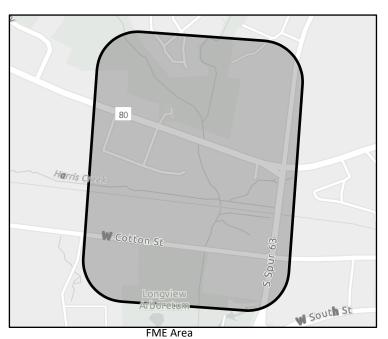


#### **100-Year Flood Risk Summary**

Population at risk 139		i	# of structures	11	#	of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	1			Roadways im	pacted (miles)	1	
# of low water crossings	0			# of historical	road closures	0	

#### **Estimated Cost and Funding Availability**

Tatal	Potential federal	Potential Federal
Total	No	
Cost \$75,000	funding availability? No	Funding Sources None
0050		





**REGION 4** 

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 Title
 Rabbit Creek at SH 42 Overtopping

 ID#
 041000109
 Sponsor
 Kilgore (Municipality)

 Recommended by RFPG?
 Yes
 Reason for Recommendation



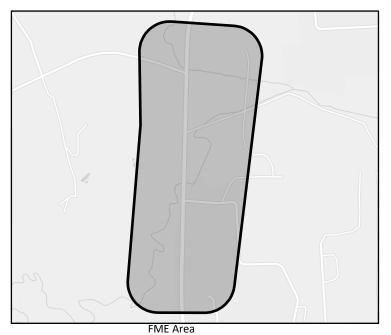
# Study Details Study type Project Planning County Gregg Study description Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. FME to create new H&H model? No Remergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.) 0 Goal(s) Goal 1: House multiple regional flood infrastructure projects designed for larger storm events. Storm events. Storm events.

#### **100-Year Flood Risk Summary**

opulation at risk 28		-	# of structures	2	#	# of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	2			Roadways im	pacted (miles)	2	
# of low water crossings	0			# of historical	road closures	0	

#### **Estimated Cost and Funding Availability**

Total	Potential federal	Potential Federal
Total	No	
Cost \$75,000	funding availability? No	Funding Sources None
0000		0





Title US 281 Unde	rpass		<b>SABINE</b>
ID# 041000110	Sponsor Longview (Municipa	lity)	
Recommended by	RFPG? Yes Reason for Recommendation	Aligns with RFPG Goals	REGIONAL FLOOD PLANNING GROUP
Study Details			
Study type	Project Planning	County Gregg	
Study description	Perform H&H modeling to identi OPCC for conceptual alternatives	, .	, develop conceptual alternatives to reduce flood risk, develop
FME to create new	v H&H model? No Emerger	ncy Need? No Anticipated models	s in near term? Yes Drainage area (sq. mi., est.) 0
Goal(s) Goal 1: A	dvance multiple regional flood inf	rastructure projects designed for large	r storm events.

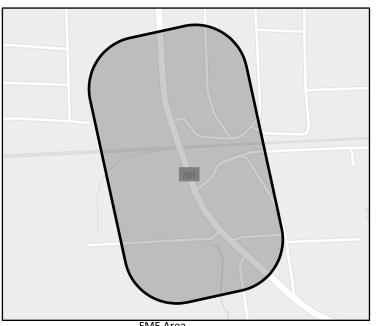
#### **100-Year Flood Risk Summary**

Population at risk 11		i	# of structures	2	#	of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	0			Roadways im	pacted (miles)	0	
# of low water crossings	0			# of historical	road closures	0	

#### **Estimated Cost and Funding Availability**

Tatal	Potential federal
Total	
Cost \$75,000	funding availability? No
2031	ranang availability.

Potential Federal Funding Sources None





**REGION 4** 

FME Area

 Title
 Judson Road Neighborhood Flooding

 ID#
 041000111
 Sponsor
 Longview (Municipality)

 Recommended by RFPG?
 Reason for Recommendation
 Aligns with RFPG Goals

 Study Details
 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 COPCC for conceptual alternatives.
 Project Planning
 Project Planning

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

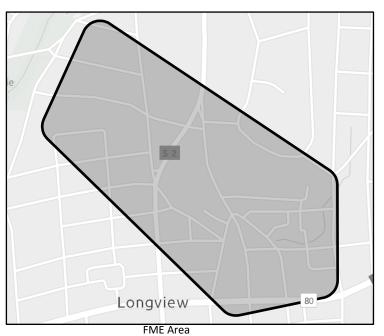
Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.

#### **100-Year Flood Risk Summary**

opulation at risk 253		# of structures 27			#	of critical facilities 1	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	0			Roadways im	pacted (miles)	0	
# of low water crossings	0			# of historical	road closures	0	

#### **Estimated Cost and Funding Availability**

Tatal	Potential federal	Potential Federal
Total Cost <sup>\$75,000</sup>	funding availability?	Funding Sources
Cost	funding availability?	Funding Sources



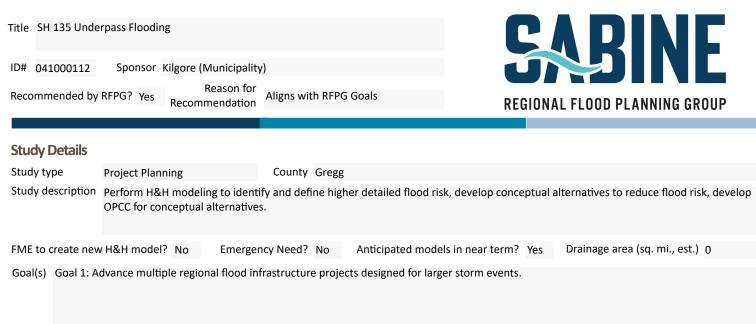


**REGION 4** 

CARIN

**REGIONAL FLOOD PLANNING GROUP** 

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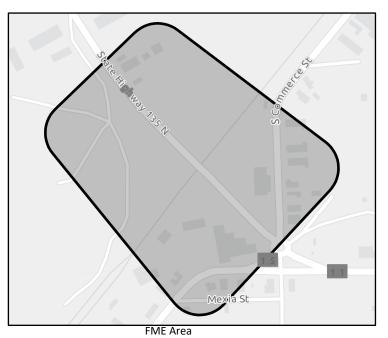


#### **100-Year Flood Risk Summary**

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 im	pacted (miles)	0	
# of low water crossings	-			# of historical	road closures	-	

#### **Estimated Cost and Funding Availability**

Tatal	Potential federal	Potential Federal
Total Cost \$75,000	funding availability?	Funding Sources None
Cost \$75,000	running availability?	Funding Sources





**REGION 4** 

Title Drake Blvd Neighborhood Flooding

 
 ID#
 041000113
 Sponsor
 Longview (Municipality)

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



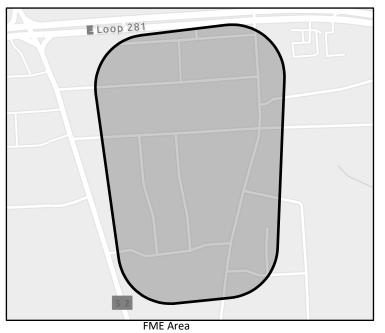
# Study Details Study type Project Planning County Gregg Study description Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. FME to create new H&H model? No Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.) 0 Goal(s) Goal 1: Hvance multiple regional flood infrastructure projects designed for larger storm events. Unitage area (sq. mi., est.) 0

#### **100-Year Flood Risk Summary**

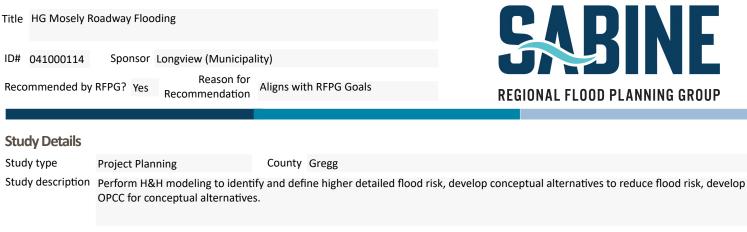
Population at risk 8		# of structures 5			#	of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	0			Roadways im	pacted (miles)	0	
# of low water crossings	0			# of historical	road closures	0	

#### **Estimated Cost and Funding Availability**

Total Cost \$75,000 Potential federal funding availability?







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.

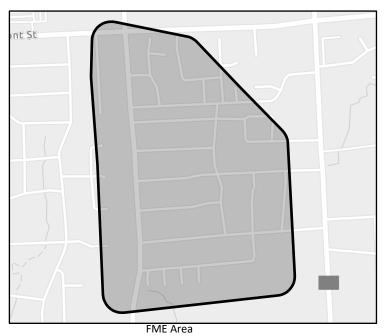
#### **100-Year Flood Risk Summary**

Population at risk 29			# of structures	3	#	of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	0			Roadways im	pacted (miles)	0	
# of low water crossings	-			# of historical	road closures	-	

#### **Estimated Cost and Funding Availability**

Total Cost \$75,000 Potential federal funding availability?

Potential Federal Funding Sources None





**REGION 4** 

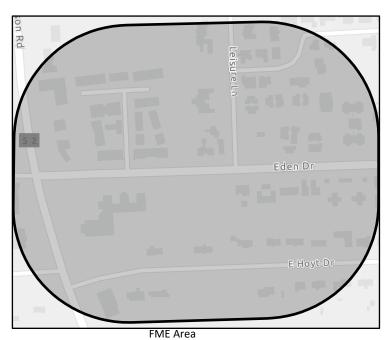
Title Eden Drive F	looding		<b>SABINE</b>
ID# 041000115	Sponsor Longview (Municipa	ality)	
Recommended by	RFPG? Yes Reason for Recommendation	Aligns with RFPG Goals	REGIONAL FLOOD PLANNING GROUP
Study Details			
Study type	Project Planning	County Gregg	
Study description	Perform H&H modeling to ident OPCC for conceptual alternative	, 0	, develop conceptual alternatives to reduce flood risk, develop
FME to create nev	v H&H model? No Emerge	ncy Need? No Anticipated models	s in near term? Yes Drainage area (sq. mi., est.) 0
Goal(s) Goal 1: A	dvance multiple regional flood in	frastructure projects designed for large	er storm events.

#### **100-Year Flood Risk Summary**

Population at risk 120		-	# of structures	5 15	#	of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	0			Roadways im	pacted (miles)	0	
# of low water crossings	0			# of historical	road closures	0	

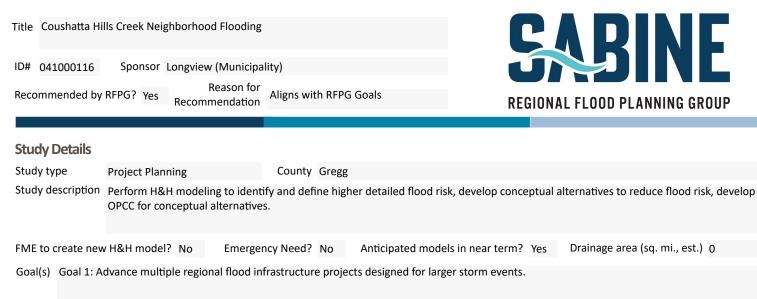
#### **Estimated Cost and Funding Availability**

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





**REGION 4** 



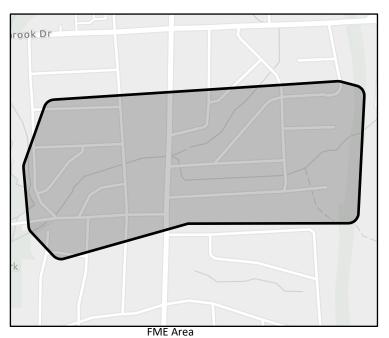
#### **100-Year Flood Risk Summary**

Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No   Farm/Ranch land impacted (ac.) 0 Roadways impacted (miles) 0 0   # of low water crossings 0 # of historical road closures 0	Population at risk 42		-	# of structures	21	#	t of critical facilities 0	
	Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
# of low water crossings 0 # of historical road closures 0	Farm/Ranch land impacted (ac.)	0			Roadways im	pacted (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?

Potential Federal Funding Sources None





**REGION 4** 

 Title
 Grace Creek at Loop 281 Overtopping (South)

 ID#
 041000117
 Sponsor
 Longview (Municipality)

 Recommended by RFPG?
 Reason for Recommendation
 Aligns with RFPG Goals



## Study Details 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. Perform H&H model? No Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.) 1 Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events. Heat and the store store events. Heat and the store events. Heat and the store events.

#### **100-Year Flood Risk Summary**

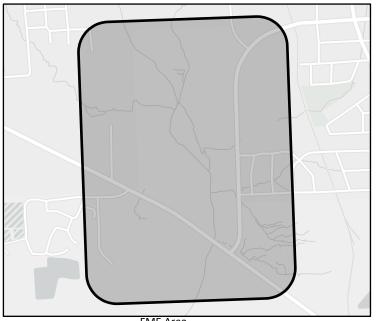
Population at risk 6			# of structures	3	#	of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	5			Roadways im	pacted (miles)	5	
# of low water crossings	0			# of historical	road closures	0	

#### **Estimated Cost and Funding Availability**

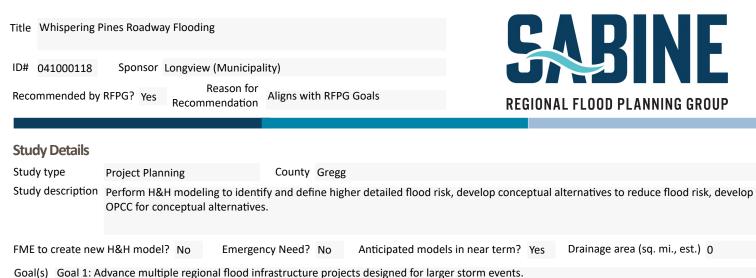
Total Potent Cost \$75,000 funding

Potential federal funding availability?

Potential Federal Funding Sources None





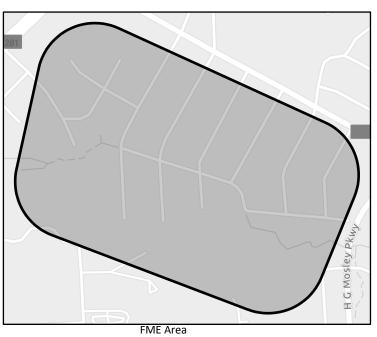


#### **100-Year Flood Risk Summary**

Population at risk 43		-	# of structures	20	ŧ	t of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	0			Roadways im	pacted (miles)	0	
# of low water crossings	-			# of historical	road closures	-	

#### **Estimated Cost and Funding Availability**

Total	Potential federal	Potential Federal
Total	rotential rederal	
Cost \$75,000	funding availability? No	Funding Sources None
COSI	runuing availability:	Tunung Sources





Regional view of FME area

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**REGION 4** 

Title Eastman Roa	d Flooding		SABINE
ID# 041000119	Sponsor Longview (Municipa	lity)	
Recommended by	RFPG? Yes Reason for Recommendation	Aligns with RFPG Goals	REGIONAL FLOOD PLANNING GROUP
Study Details			
Study type	Project Planning	County Gregg	
Study description	Perform H&H modeling to ident OPCC for conceptual alternative	, .	k, develop conceptual alternatives to reduce flood risk, develop
FME to create new	v H&H model? No Emerge	ncy Need? No Anticipated mode	ls in near term? Yes Drainage area (sq. mi., est.) 0
Goal(s) Goal 1: A	dvance multiple regional flood in	frastructure projects designed for larg	er storm events.

#### **100-Year Flood Risk Summary**

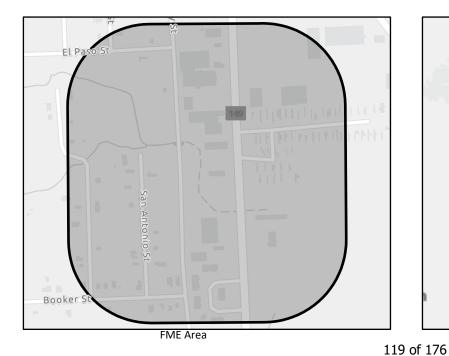
Population at risk 24		# of structures	7	# 0	of critical facilities 0	
Flood risk type: Riverine? Yes	Соа	astal? No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	0		Roadways im	pacted (miles)	0	
# of low water crossings	0		# of historical	road closures	0	

#### **Estimated Cost and Funding Availability**

Total Cost \$75,000 Potential fee funding avai

Potential federal funding availability?

Potential Federal Funding Sources None





**REGION 4** 

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Regional view of FME area

 Title
 Florence Street Neighborhood Flooding

 ID#
 041000120
 Sponsor Kilgore (Municipality)

 Recommended by RFPG?
 Reason for Recommendation

 Aligns with RFPG Goals

**CABBINE** REGIONAL FLOOD PLANNING GROUP

**REGION 4** 

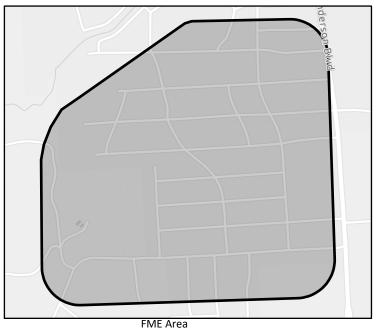
## Study type Project Planning County Rusk Study description Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. FME to create new H&H model? No Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.) 0 Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events. Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.) 0

#### **100-Year Flood Risk Summary**

Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No   Farm/Ranch land impacted (ac.) 0 Roadways impacted (miles) 0 Impacted (miles) 0   # of low water crossings 0 Impacted (control of the control of the	Population at risk 68		#	# of structures	25	#	t of critical facilities 0	
	Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
# of low water crossings     0     # of historical road closures     0	Farm/Ranch land impacted (ac.)	0			Roadways im	pacted (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?







CARI **REGIONAL FLOOD PLANNING GROUP** 

**REGION 4** 

#### Study type Study description Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop 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**

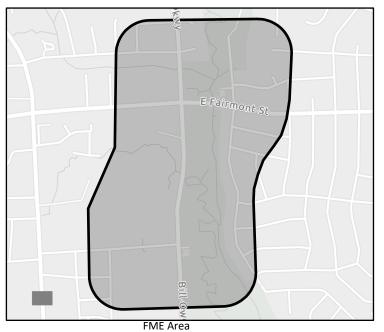
Population at risk 19		i	# of structures	6	#	of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	3			Roadways im	pacted (miles)	3	
# of low water crossings	0			# of historical	road closures	0	

#### **Estimated Cost and Funding Availability**

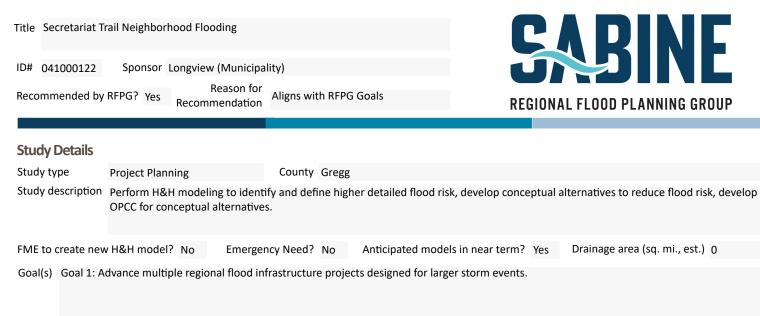
Total \$75,000 Cost

Potential federal funding availability? No

Potential Federal None Funding Sources





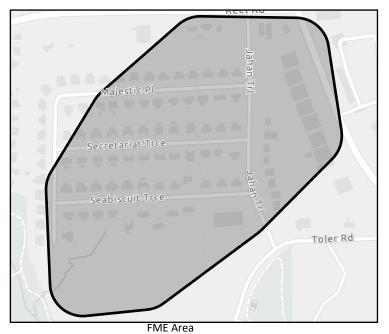


#### **100-Year Flood Risk Summary**

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 im	pacted (miles)	0	
# of low water crossings	-			# of historica	road closures	-	

#### **Estimated Cost and Funding Availability**

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





**REGION 4** 

 Title
 Lorraine Court Neighborhood Flooding

 ID#
 041000123
 Sponsor Longview (Municipality)

 Recommended by RFPG?
 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.

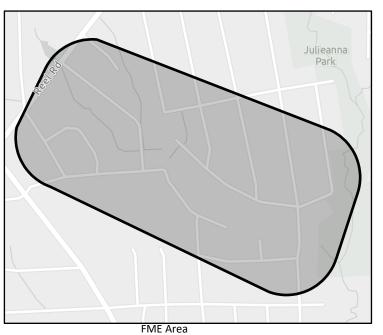
FME to create new H&H model?NoEmergency Need?NoAnticipated models in near term?YesDrainage area (sq. mi., est.)0Goal(s)Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.

**100-Year Flood Risk Summary** 

Flood risk type: Riverine?       Yes       Coastal?       No       Local Flooding?       No       Other?       No         Farm/Ranch land impacted (ac.)       0       Roadways impacted (miles)       0	Population at risk 50	# of structures 21	# of critical facilities 0
	Flood risk type: Riverine? Yes	Coastal? No Local Flooding? No	Other? No
# of low water crossings 0 # of historical road closures 0	Farm/Ranch land impacted (ac.) 0	Roadways impacted (mile	es) 0
	# of low water crossings 0	# of historical road closur	res 0

#### **Estimated Cost and Funding Availability**

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





Regional view of FME area

**REGION 4** 

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**REGIONAL FLOOD PLANNING GROUP** 

 Title
 Rabbit Creek at SH 31 Overtopping

 ID#
 041000124
 Sponsor
 Kilgore (Municipality)

 Recommended by RFPG?
 Yes
 Reason for Recommendation



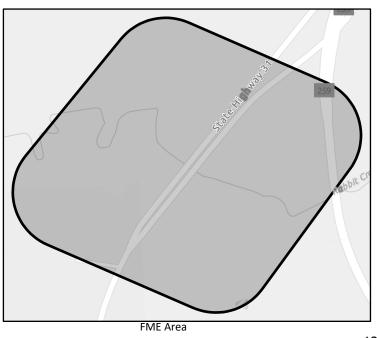
# Study Details Study type Project Planning County Gregg Study description Perform H&H modeling to identify and defit = higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. Drainage area (sq. mi., est.) 0 FME to create new H&H model? No Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.) 0 Goal(s) Goal 1: Hvance multiple regional flood infrastructure projects designed for larger storm events. Drainage area (sq. mi., est.) 0

#### **100-Year Flood Risk Summary**

ppulation at risk 0 # of structures 1		1 #		# of critical facilities 0			
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	0			Roadways im	pacted (miles)	0	
# of low water crossings	0			# of historical	road closures	0	

#### **Estimated Cost and Funding Availability**

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





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 Title
 US 259 and Remington Neighborhood Flooding

 ID#
 041000125
 Sponsor
 Kilgore (Municipality)

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



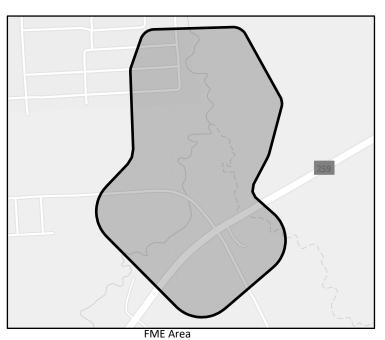
## Study Details Study type Study description Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. FME to create new H&H model? No Emergency Need? No Anticipated models in near term? Yes 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 8		4	# of structures	3	#	of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding? No	D	Other? No	
Farm/Ranch land impacted (ac.)	13			Roadways impact	cted (miles)	13	
# of low water crossings	0			# of historical roa	ad closures	0	

#### **Estimated Cost and Funding Availability**

Total<br/>CostPotential federal<br/>funding availability?Potential Federal<br/>Funding Sources





None

 Title
 Harris Creek Local Road Flooding

 ID#
 041000126
 Sponsor
 Longview (Municipality)

 Recommended by RFPG?
 Yes
 Reason for Recommendation



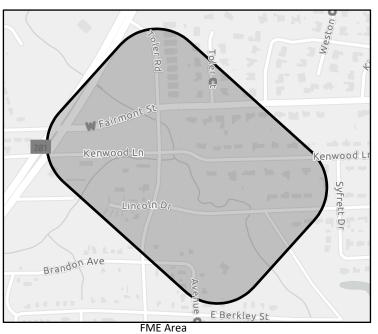
# Study Details Project Planning County Gregg Study description Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop COPCC for conceptual alternatives. Perform H&H model No Anticipated models in near term? Yes Drainage area (sq. mi., est.) 0 Study description Goal (s) Goal 1: Hvance multiple regional flood infrastructure projects designed for larger storm events. Drainage area (sq. mi., est.) 0

#### **100-Year Flood Risk Summary**

Population at risk 9		-	# of structures	4	#	of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	0			Roadways im	pacted (miles)	0	
# of low water crossings	0			# of historical	road closures	0	

#### **Estimated Cost and Funding Availability**

Total	Potential federal	Potential Federal	
Total			
\$75,000	funding availability?	Funding Sources None	
Cost \$75,000	funding availability?	Funding Sources	





Title Harley Ridge Road Flooding (South)

ID# 041000127 Sponsor Longview (Municipality) Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals



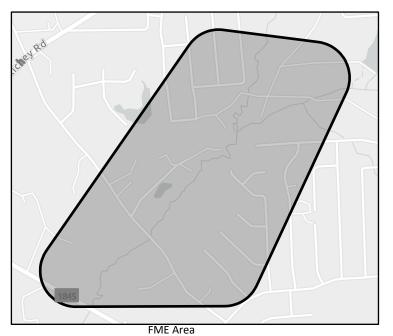
# Study Details Study type Project Planning County Gregg Study description Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. Drainage area (sq. mi., est.) 0 FME to create new H&H model: No Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.) 0 Goal(s) Goal 1: Hvance multiple regional flood infrastructure projects designed for larger storm events. State Stat

#### **100-Year Flood Risk Summary**

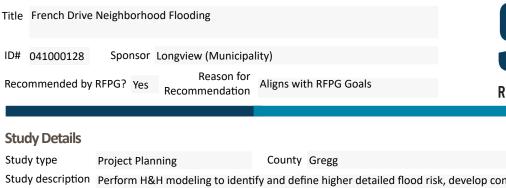
Population at risk 11		i	# of structures	5	#	of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	8			Roadways im	pacted (miles)	8	
# of low water crossings	-			# of historical	road closures	-	

#### **Estimated Cost and Funding Availability**

Total Cost \$75,000 Potential federal funding availability?







**EXAMPLE 1** REGIONAL FLOOD PLANNING GROUP

**REGION 4** 

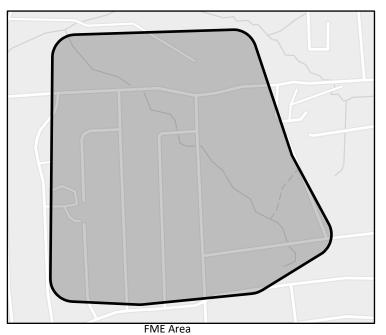
## Study type Project Fraining County Gregg Study description Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. FME to create new H&H model? No Emergency Need? No Anticipated models in 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**

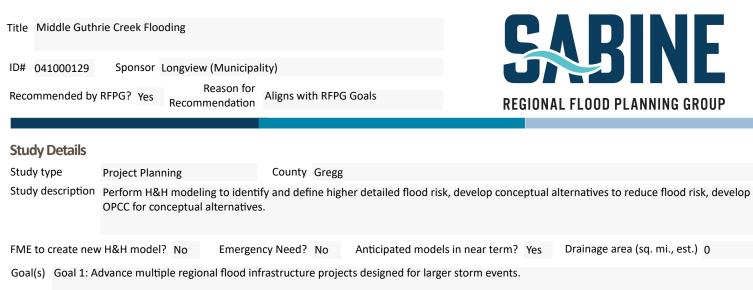
Population at risk 10		-	# of structures	5	#	of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	0			Roadways im	pacted (miles)	0	
# of low water crossings	-			# of historical	road closures	-	

#### **Estimated Cost and Funding Availability**

Total Cost \$75,000 Potential federal funding availability?





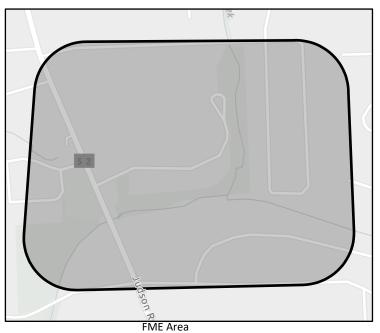


### **100-Year Flood Risk Summary**

Population at risk 447			# of structures	4	#	of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	1			Roadways im	pacted (miles)	1	
# of low water crossings	0			# of historical	road closures	0	

### **Estimated Cost and Funding Availability**

Total	Potential federal	Potential Federal
Total	No	
Cost \$75,000	funding availability? No	Funding Sources





None

 Title
 Upper Iron Bridge Creek Neighborhood Flooding

 ID#
 041000130
 Sponsor
 Longview (Municipality)

 Recommended by RFPG?
 Reason for Recommendation
 Aligns with RFPG Goals



## Study Details 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. Perform H&H model? 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. Study of the storm events. Study of the storm events.

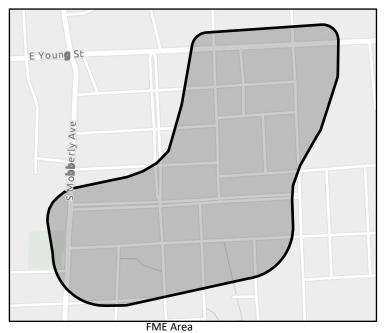
### **100-Year Flood Risk Summary**

Population at risk 24		-	# of structures	13	#	of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	0			Roadways im	pacted (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?

Potential Federal Funding Sources None





 Title
 Lakeport Neighborhood Flooding

 ID#
 041000131
 Sponsor
 Longview (Municipality)

 Recommended by RFPG?
 Yes
 Reason for Recommendation

 Aligns with RFPG Goals
 Study Details



## 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. File Store Store

### **100-Year Flood Risk Summary**

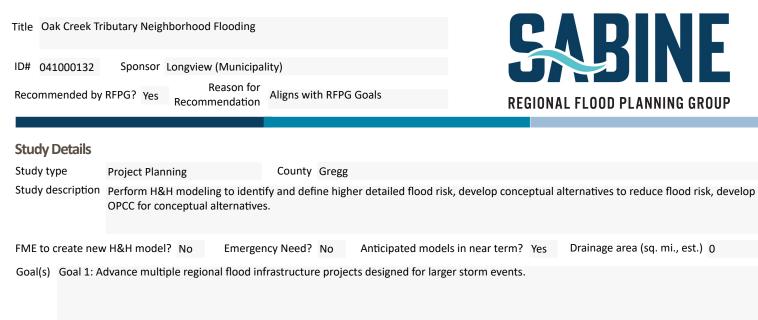
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No   Farm/Ranch land impacted (ac.)   2 4 Roadways impacted (miles) 2 4   # of historical road closures	Population at risk 16		# of structures	16	#	of critical facilities 0	
	Flood risk type: Riverine? Yes	Coast	al? No	Local Flooding?	No	Other? No	
# of low water crossings       -       # of historical road closures       -	Farm/Ranch land impacted (ac.)	2		Roadways im	pacted (miles)	2	
	# of low water crossings	-		# of historical	road closures	-	

### **Estimated Cost and Funding Availability**

Total	Potential federal	Potential Federal
Total Cost \$75,000	funding availability?	Funding Sources None
COSL	Tunung availability:	Fulluling Sources







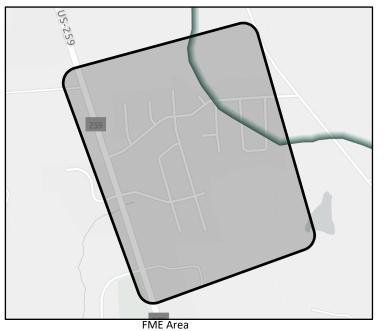
### **100-Year Flood Risk Summary**

Population at risk 78		-	# of structures	15	4	# of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	0			Roadways im	pacted (miles)	0	
# of low water crossings	-			# of historical	road closures	-	

### **Estimated Cost and Funding Availability**

Total	Potential federal
Total	
Cost \$75,000	funding availability? No
CUSI	ranang avalability.

Potential Federal Funding Sources None





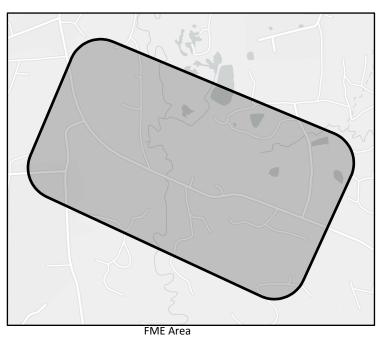
Title S Whatley Ro	oad Flooding		<b>SABINE</b>
ID# 041000133	Sponsor Longview (Mun	icipality)	
Recommended by	RFPG? Yes Reason Recommenda	Aligne with PEDG Goale	REGIONAL FLOOD PLANNING GROUP
Study Details			
Study type	Project Planning	County Gregg	
Study description	Perform H&H modeling to it OPCC for conceptual alterna		k, develop conceptual alternatives to reduce flood risk, develo
FME to create new	v H&H model? No Eme	ergency Need? No Anticipated mode	ls in near term? Yes Drainage area (sq. mi., est.) 0
Goal(s) Goal 1: A	dvance multiple regional floo	d infrastructure projects designed for larg	er storm events.

### **100-Year Flood Risk Summary**

Population at risk 1		# of structure	25 1	# of critical facilities 0
Flood risk type: Riverine? Yes		Coastal? No	Local Flooding? No	Other? No
Farm/Ranch land impacted (ac.)	24		Roadways impacted (miles)	24
# of low water crossings	0		# of historical road closures	0

### **Estimated Cost and Funding Availability**

Total	Potential federal	Potential Federal
Total		
Cost \$75,000	funding availability? No	Funding Sources None
0050		





**REGION 4** 

ao



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	С	Anticipated models in near term?	Yes	Drainage area (sq. mi., est.) 0

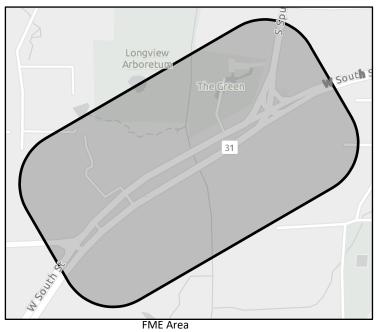
Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.

### **100-Year Flood Risk Summary**

Population at risk 64	# of structures 3	# of critical facilities	0
Flood risk type: Riverine? Yes Coasta	I? No Local Floodi	No Other? No	
Farm/Ranch land impacted (ac.) 0	Roadway	impacted (miles) 0	
# of low water crossings 0	# of histo	rical road closures 0	

### **Estimated Cost and Funding Availability**

Total	Potential federal	Potential Federal
	No	
Cost \$75,000	funding availability?	Funding Sources None
0000		





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REGION 4

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**REGIONAL FLOOD PLANNING GROUP** 

 Title
 Rockwall Drive Neighborhood Flooding

 ID#
 041000135
 Sponsor
 Longview (Municipality)

 Recommended by RFPG?
 Yes
 Reason for Recommendation

 Aligns with RFPG Goals
 Study Details

**CABBINE** REGIONAL FLOOD PLANNING GROUP

**REGION 4** 

## Study type Project Planning County Gregg Study description Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives. Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop 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. File <td

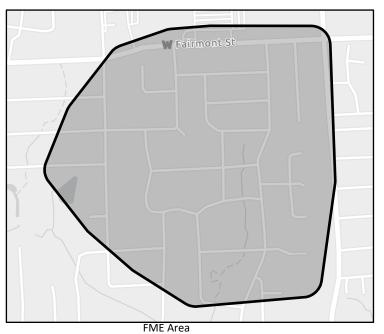
### **100-Year Flood Risk Summary**

Flood risk type: Riverine?YesCoastal?NoLocal Flooding?NoOther?NoFarm/Ranch land impacted (ac.)0Roadways impacted (miles)00# of low water crossings0# of historical road closures0	Population at risk 29	# of structures 12	# of critical facilities 0
	Flood risk type: Riverine? Yes	Coastal? No Local Flooding? No	Other? No
# of low water crossings     0     # of historical road closures     0	Farm/Ranch land impacted (ac.) 0	Roadways impacted (miles	s) 0
	# of low water crossings 0	# of historical road closure	es 0

### **Estimated Cost and Funding Availability**

Total Cost \$75,000 Potential federal funding availability?

Potential Federal Funding Sources None







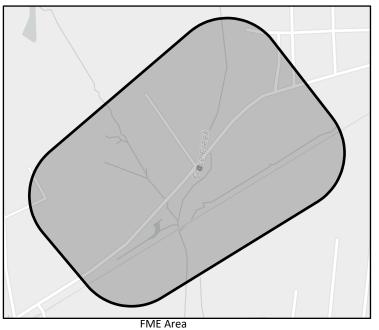
### **100-Year Flood Risk Summary**

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 im	pacted (miles)	4	
# of low water crossings	0			# of historical	road closures	0	

### **Estimated Cost and Funding Availability**

Tatal	Potential federal	D
Total		P
Cost \$75,000	funding availability? No	F

Potential Federal Funding Sources None





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**CABBINE** REGIONAL FLOOD PLANNING GROUP

**REGION 4** 

Study type	Project Planning	County Gregg	g		
Study description	Perform H&H modeling OPCC for conceptual a		her detailed flood risk, develop conce	ptual a	alternatives to reduce flood risk, develop
FME to create nev	v H&H model? No	Emergency Need? No	Anticipated models in near term?	Yes	Drainage area (sq. mi., est.) 0

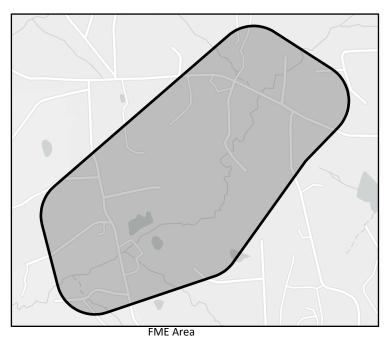
Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.

### **100-Year Flood Risk Summary**

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

### **Estimated Cost and Funding Availability**

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





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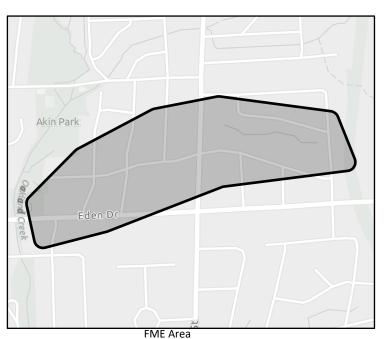


### **100-Year Flood Risk Summary**

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 im	pacted (miles)	0	
# of low water crossings	-			# of historical	road closures	-	

### **Estimated Cost and Funding Availability**

Tabal	Potential federal	Potential Federal
Total		Polential Feueral
Cost \$75,000	funding availability? No	Funding Sources





None

**REGION 4** 

 Title
 Rabbit Creek at SH 135 Overtopping

 ID#
 041000139
 Sponsor
 Kilgore (Municipality)

 Recommended by RFPG?
 Reason for Recommendation
 Aligns with RFPG Goals



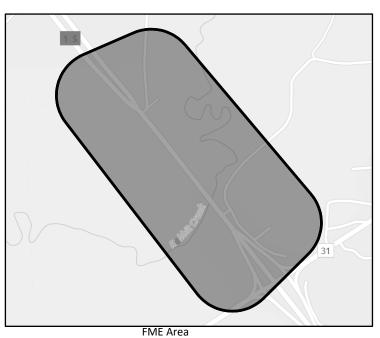
# Study Details Project Planning County Gregg Study description Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop COPCC for conceptual alternatives. FME to create new H&H model? No Emergency Need? No Anticipated models 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. Sector Storm Storm

### **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.)	1			Roadways im	pacted (miles)	1	
# of low water crossings	1			# of historica	road closures	1	

### **Estimated Cost and Funding Availability**

Total	Potential federal	Potential Federal
Total	rotential lederal	
Cost \$75,000	funding availability?	Funding Sources None
COSL	runuing availability:	Funding Sources





 Title
 Grace Creek at HG Mosley Flooding

 ID#
 041000140
 Sponsor
 Longview (Municipality)

 Recommended by RFPG?
 Yes
 Reason for Recommendation



# 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. 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. Study designed for larger storm events. Study designed for larger storm events.

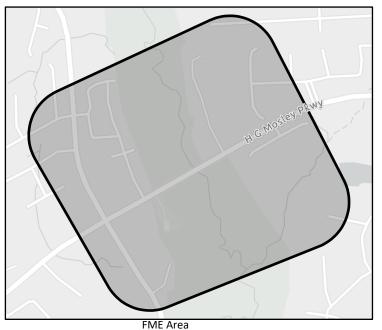
### **100-Year Flood Risk Summary**

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 im	pacted (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?

Potential Federal Funding Sources None





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 Title
 Grace Creek at Loop 281 Flooding (North)

 ID#
 041000141
 Sponsor
 Longview (Municipality)

 Recommended by RFPG?
 Yes
 Reason for Recommendation



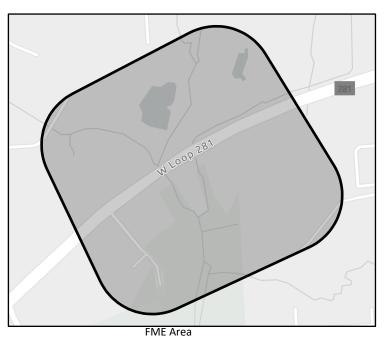
# Study Details Study type Study description Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop CPCC for conceptual alternatives. FME to create new H&H model? No Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.) 0 Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events. State and the storm events. State and the storm events.

### **100-Year Flood Risk Summary**

Flood risk type: Riverine?     Yes     Coastal?     No     Local Flooding?     No     Other?     No       Farm/Ranch land impacted (ac.)     0     Roadways impacted (miles)     0     0       # of low water crossings     0     # of historical road closures     0	Population at risk 229	# of structure	es 4	# of critical facilities 0
	Flood risk type: Riverine? Yes	Coastal? No	Local Flooding? No	Other? No
# of low water crossings       0       # of historical road closures       0	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<br/>CostPotential federal<br/>funding availability?NoPotential Federal<br/>Funding SourcesNone







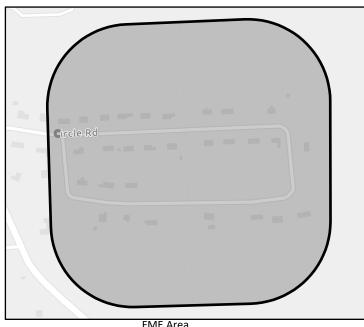
FME to create new H&H model? No Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.) 0 Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.

**100-Year Flood Risk Summary** 

Population at risk 18		-	# of structures	8	#	of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	1			Roadways im	pacted (miles)	1	
# of low water crossings	0			# of historical	road closures	0	

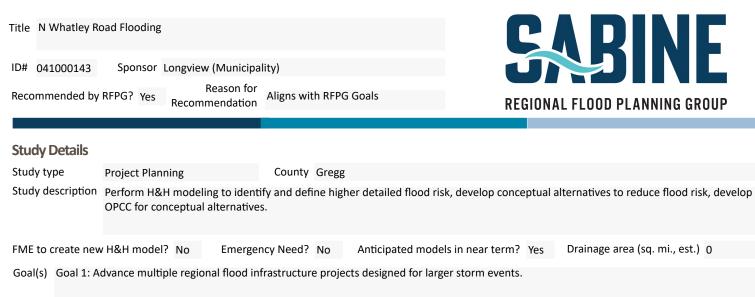
### **Estimated Cost and Funding Availability**

Total	Potential federal	Potential Federal	
Total Cost \$75,000	funding availability?	Funding Sources	None
CUSI	runding uvulubility.	r unung sources	





**REGION 4** 



### **100-Year Flood Risk Summary**

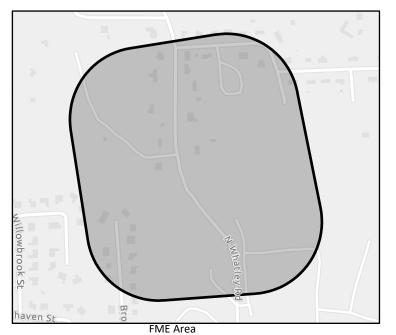
Population at risk 4		;	# of structures	2	#	of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	0			Roadways im	pacted (miles)	0	
# of low water crossings	0			# of historical	road closures	0	

### **Estimated Cost and Funding Availability**

Total Cost \$75,000 fur

Potential federal funding availability?

Potential Federal Funding Sources None







**CABINE** REGIONAL FLOOD PLANNING GROUP

**REGION 4** 

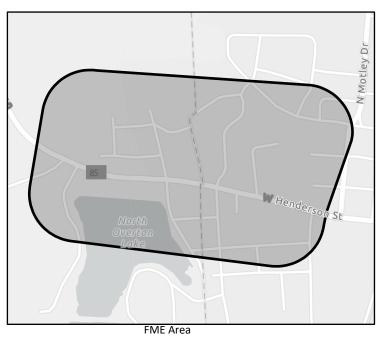
## Study type Project Planning County Rusk Study description Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. Perform H&H modeling to identify and define higher detailed flood risk, 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. Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.) 0

### **100-Year Flood Risk Summary**

Population at risk 64	# of structures		27	#	of critical facilities 0		
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	3			Roadways im	pacted (miles)	3	
# of low water crossings	0			# of historical	road closures	0	

### **Estimated Cost and Funding Availability**

Total Pot	tential federal	Potential Federal	
Cost \$75,000 fun	nding availability?	Funding Sources	None





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### **100-Year Flood Risk Summary**

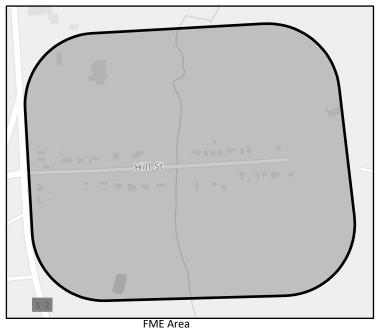
Population at risk 4		-	# of structures	1	#	of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	0			Roadways im	pacted (miles)	0	
# of low water crossings	0			# of historical	road closures	0	

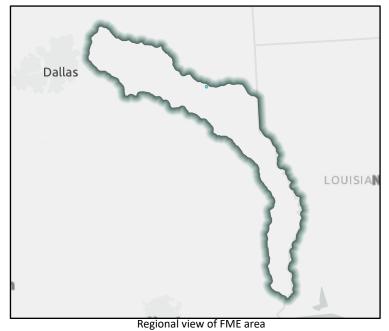
### **Estimated Cost and Funding Availability**

Total	Potential federal
Cost \$75,000	funding availabil

al bility?

Potential Federal Funding Sources None





 Title
 Rabbit Creek at SH 135 Overtopping

 ID#
 041000146
 Sponsor
 Kilgore (Municipality)

 Recommended by RFPG?
 Reason for Recommendation
 Aligns with RFPG Goals



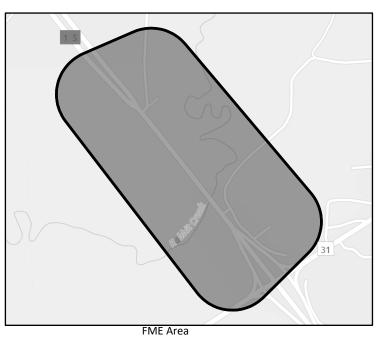
# Study Details Study type Project Planning County Gregg Study description Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. Perform H&H model ing to identify and define higher detailed 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. State of the store 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.)	1			Roadways im	pacted (miles)	1	
# of low water crossings	1			# of historical	road closures	1	

### **Estimated Cost and Funding Availability**

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





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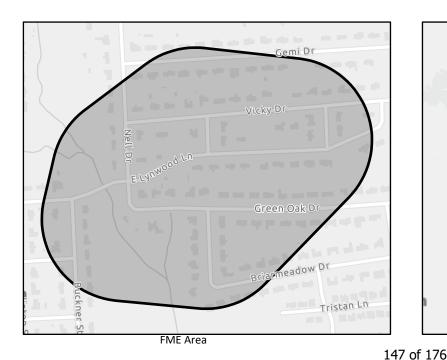
**100-Year Flood Risk Summary** 

Population at risk 19		-	# of structures	9	#	of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	0			Roadways im	pacted (miles)	0	
# of low water crossings	-			# of historica	road closures	-	

### **Estimated Cost and Funding Availability**

Total \$75,000 Potential federal funding availability?

Potential Federal Funding Sources None





Regional view of FME area

 Title
 Harley Ridge Overtopping (North)

 ID#
 041000148
 Sponsor
 Longview (Municipality)

 Recommended by RFPG?
 Yes
 Reason for Recommendation



# Study Details Project Planning County Gregg Study description Perform H&H modeling to identify and defit with the base of the conceptual alternatives. Perform H&H modeling to identify and defit with the base of the

### **100-Year Flood Risk Summary**

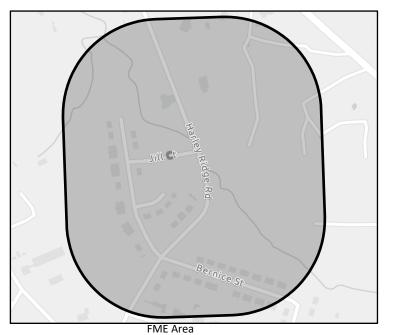
Population at risk 4		-	# of structures	1	#	of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	0			Roadways im	pacted (miles)	0	
# of low water crossings	0			# of historical	road closures	0	

### **Estimated Cost and Funding Availability**

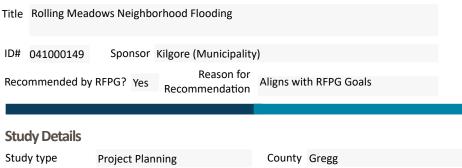
Total Pot Cost \$75,000 fun

Potential federal funding availability?

Potential Federal Funding Sources None







**CABBINE** REGIONAL FLOOD PLANNING GROUP

**REGION 4** 

## 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

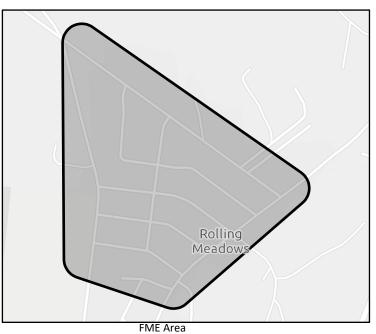
Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.

### **100-Year Flood Risk Summary**

Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No   Farm/Ranch land impacted (ac.) 0 Roadways impacted (miles) 0 Impacted (miles) 0   # of low water crossings 0 Impacted (construction) 0 Impacted (construction) 0	Population at risk 21	# of stru	uctures 13	# of critical facilities 0
	Flood risk type: Riverine? Yes	Coastal? No	Local Flooding? No	Other? No
# of low water crossings0# of historical road closures0	Farm/Ranch land impacted (ac.)	0	Roadways impacted (mile	es) 0
	# of low water crossings	0	# of historical road closure	res O

### **Estimated Cost and Funding Availability**

Tabal	Potential federal	Potential Federal
Total Cost <sup>\$75,000</sup>	funding availability?	Funding Sources
Cost	funding availability?	Funding Sources





itle Lake Lamond			<b>SARINE</b>
ID# 041000150	Sponsor Longview (Municipa	lity)	
Recommended by	RFPG? Yes Reason for Recommendation	Aligns with RFPG Goals	REGIONAL FLOOD PLANNING GROUP
Study Details			
Study type	Project Planning	County Gregg	
Study description	Perform H&H modeling to ident OPCC for conceptual alternative	, .	k, develop conceptual alternatives to reduce flood risk, develop
FME to create new	H&H model? No Emerger	ncy Need? No Anticipated mode	ls in near term? Yes Drainage area (sq. mi., est.) 1
Goal(s) Goal 1: A	dvance multiple regional flood in	rastructure projects designed for larg	er storm events.

### **100-Year Flood Risk Summary**

Population at risk 178 # of s			# of structures	5 1	#	of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	2			Roadways im	pacted (miles)	2	
# of low water crossings	0			# of historical	road closures	0	

### **Estimated Cost and Funding Availability**

Total Cost \$75,000 Potential federal funding availability?

Potential Federal Funding Sources None





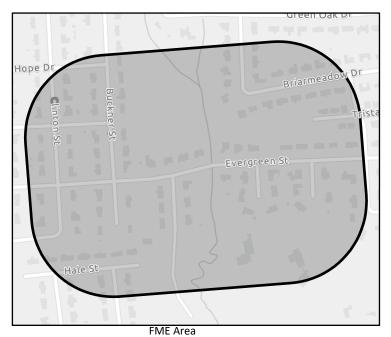


### **100-Year Flood Risk Summary**

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 im	pacted (miles)	0	
# of low water crossings	0			# of historica	road closures	0	

### **Estimated Cost and Funding Availability**

Total<br/>CostPotential federal<br/>funding availability?Potential federal<br/>NoPotential Federal<br/>Funding SourcesNone





**REGION 4** 

Title Higganbotham Road Neighborhood Flooding ID# 041000152 Sponsor Kilgore (Municipality) Reason for Aligns with RFPG Goals Recommended by RFPG? Yes Recommendation **Study Details** Study type County Gregg **Project Planning** 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

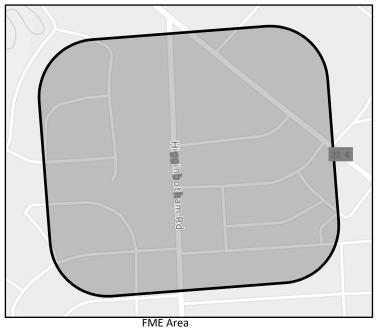
Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.

### **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 im	pacted (miles)	0	
# of low water crossings	-			# of historical	road closures	-	

### **Estimated Cost and Funding Availability**

Total	Potential federal	Potential Federal	
Cost \$75,000	funding availability?	Funding Sources	None
6631	i ananig avalability.	r and ing sources	



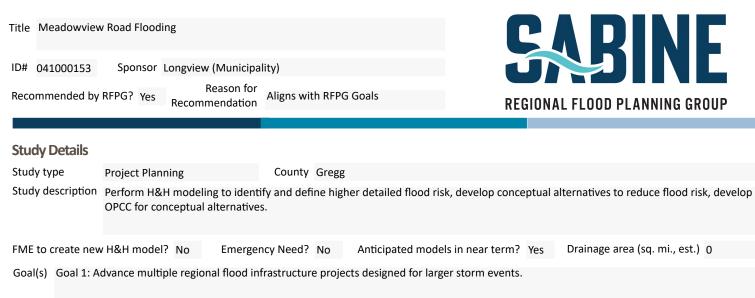


**REGION 4** 

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**REGIONAL FLOOD PLANNING GROUP** 

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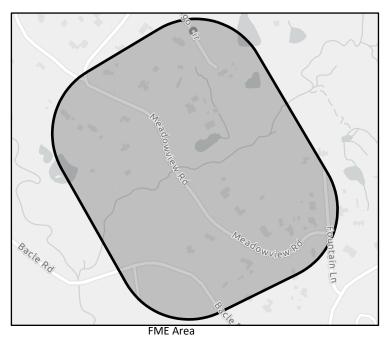


### **100-Year Flood Risk Summary**

Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No   Farm/Ranch land impacted (ac.) 3 Roadways impacted (miles) 3 4   # of low water crossings 0 # of historical road closures 0	Population at risk 3 # of str			# of structures	2	ŧ	of critical facilities 0	
	Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
# of low water crossings     0     # of historical road closures     0	Farm/Ranch land impacted (ac.)	3			Roadways im	pacted (miles)	3	
	# of low water crossings	0			# of historical	road closures	0	

### **Estimated Cost and Funding Availability**

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





**REGION 4** 

Title White Street Neighborhood Flooding ID# 041000154 Sponsor Kilgore (Municipality) Reason for Aligns with RFPG Goals Recommended by RFPG? Yes Recommendation **Study Details** Study type County Gregg,Rusk **Project Planning** 

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

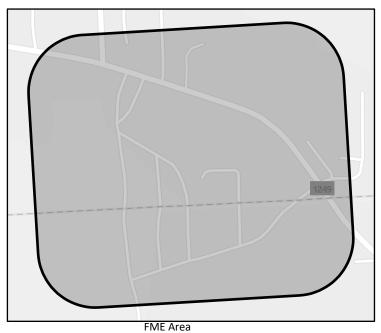
Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.

### **100-Year Flood Risk Summary**

Population at risk 5 #		# of structures 3 #			of critical facilities 0		
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	1			Roadways im	pacted (miles)	1	
# of low water crossings	-			# of historical	road closures	-	

### **Estimated Cost and Funding Availability**

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





Regional view of FME area

**REGION 4** 

CARIN

**REGIONAL FLOOD PLANNING GROUP** 

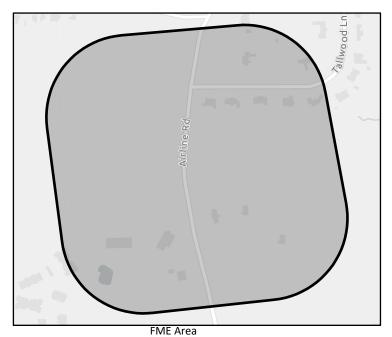


### **100-Year Flood Risk Summary**

Population at risk 0	Population at risk 0 # of str		# of structures	5 1	#	of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	1			Roadways im	pacted (miles)	1	
# of low water crossings	-			# of historical	road closures	-	

### **Estimated Cost and Funding Availability**

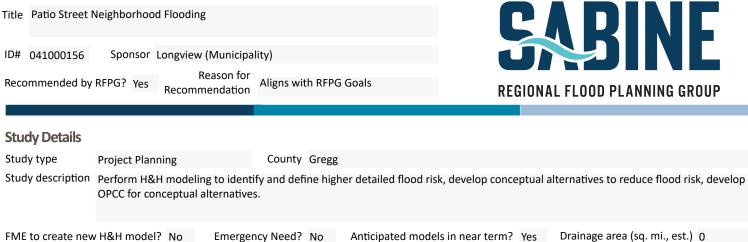
Total		Potential federal		Potential Federal	
IUldi	\$75,000	funding availability?	No		
Cost	<i>ç, 3,000</i>	funding availability?		Funding Sources	Home





**REGION 4** 

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Drainage area (sq. mi., est.) 0

**REGION 4** 

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

### **100-Year Flood Risk Summary**

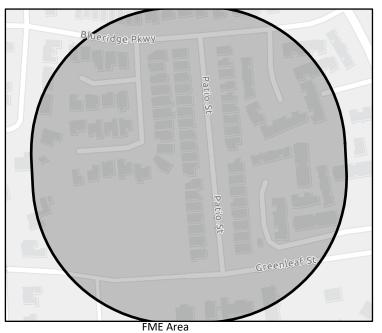
Population at risk 102		-	# of structures	21	#	of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	0			Roadways im	pacted (miles)	0	
# of low water crossings	-			# of historical	road closures	-	

### **Estimated Cost and Funding Availability**

Total \$75,000 Cost

Potential federal funding availability? No

**Potential Federal** None **Funding Sources** 





 Title
 Old Gladewater Highway Overtopping

 ID#
 041000157
 Sponsor

 Recommended by RFPG?
 Yes
 Reason for Recommendation

 Aligns with RFPG Goals
 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. Yes Drainage area (sq. mi., est.) 0

### **100-Year Flood Risk Summary**

Population at risk 0		i	# of structures	5 1	#	of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	0			Roadways im	pacted (miles)	0	
# of low water crossings	0			# of historical	road closures	0	

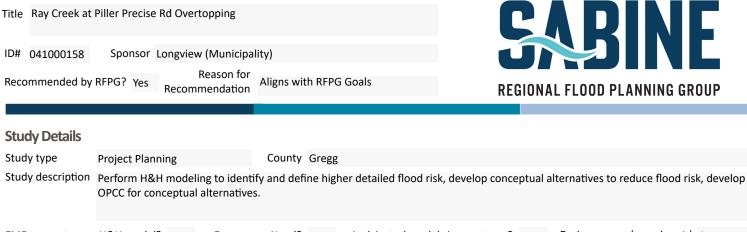
### **Estimated Cost and Funding Availability**

Total .	Potential federal	Potential Federal
\$75 000	No	
Cost \$75,000	funding availability? No	Funding Sources





None



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

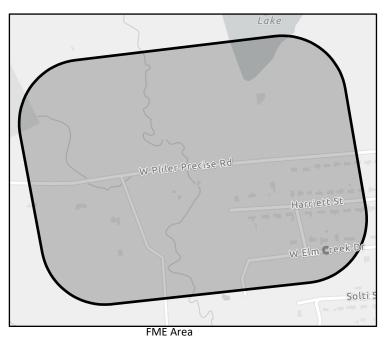
Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.

### **100-Year Flood Risk Summary**

Population at risk 0	oulation 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.)	2			Roadways im	pacted (miles)	2	
# of low water crossings	0			# of historica	road closures	0	

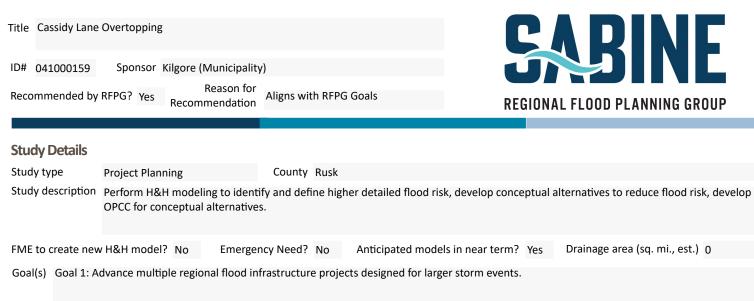
### **Estimated Cost and Funding Availability**

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





Regional view of FME area

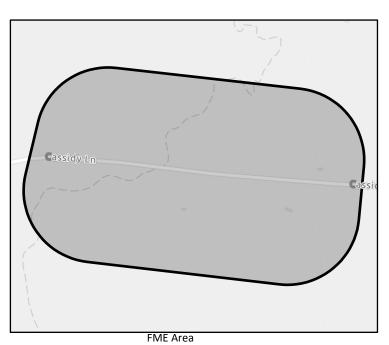


### **100-Year Flood Risk Summary**

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 im	pacted (miles)	0	
# of low water crossings	0			# of historical	road closures	0	

### **Estimated Cost and Funding Availability**

	<b>o i</b>		
Total	Potential federal	Potential Federal	
Total	r otential lederal		
Cost \$75,000	funding availability? No	Funding Sources None	
COSt	farlang availability.		





CARIN Title County Road 1114 Overtopping ID# 041000160 Sponsor Rusk (County) Reason for Aligns with RFPG Goals Recommended by RFPG? Yes **REGIONAL FLOOD PLANNING GROUP** Recommendation **Study Details** Study type County Rusk **Project Planning** 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

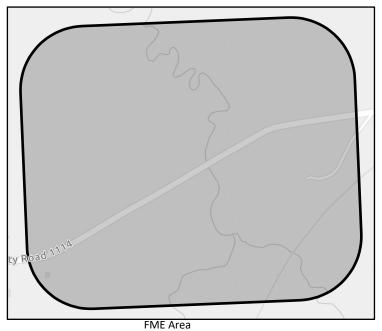
### **100-Year Flood Risk Summary**

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 im	pacted (miles)	0	
# of low water crossings	0			# of historical	road closures	0	

### **Estimated Cost and Funding Availability**

Total<br/>CostPotential federal<br/>funding availability?NoPotential Federal<br/>Funding SourcesNone

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





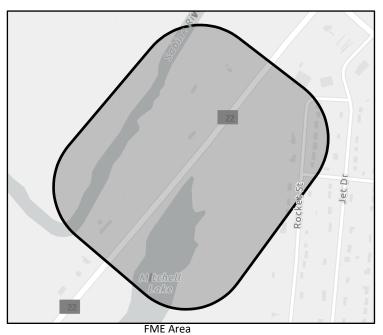
Title Mitchell Lake	e Outfall Sponsor Lakeport (Municipal	lity)	<b>SABINE</b>
Recommended by	RFPG? Yes Reason for Recommendation	Aligns with RFPG Goals	REGIONAL FLOOD PLANNING GROUP
Study Details			
Study type	Project Planning	County Gregg	
Study description	Perform H&H modeling to ident OPCC for conceptual alternative	, 0	risk, develop conceptual alternatives to reduce flood risk, develop
FME to create nev	v H&H model? No Emerge	ncy Need? No Anticipated mod	dels in near term? Yes Drainage area (sq. mi., est.) 0
Goal(s) Goal 1: A	dvance multiple regional flood in	frastructure projects designed for lar	rger 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 im	pacted (miles)	0	
# of low water crossings	-			# of historical	road closures	-	

### **Estimated Cost and Funding Availability**

Total	Potential federal	Potential Federal	
Total Cast \$75,000	funding availability?		None
Cost Cost	funding availability?	Funding Sources	None





Title
County Road 1115 Overtopping

ID#
041000162

Sponsor
Rusk (County)

Recommended by RFPG?
Yes

Recommendation

Aligns with RFPG Goals

Recommendation

Study Details

Study type

Project Planning

County

Rusk

County Rusk
Study description
Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop onceptual alternatives on the second risk onceptual alternatives onceptual alternatives on the sec

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.

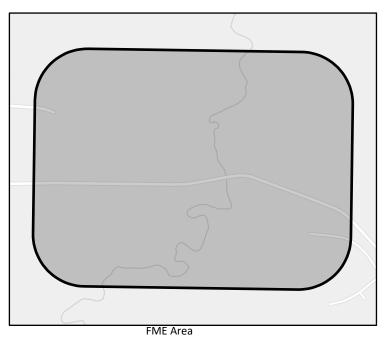
### **100-Year Flood Risk Summary**

Population at risk 0		4	# of structures	0	#	of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	11			Roadways im	pacted (miles)	11	
# of low water crossings	0			# of historical	road closures	0	

### **Estimated Cost and Funding Availability**

Tatal	Potential federal
Total	Fotential leueral
Cost \$75,000	funding availability? No
0001	0

Potential Federal Funding Sources None





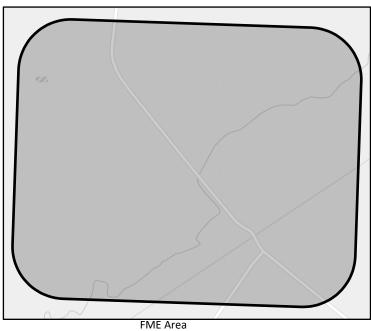
CARINF Title County Road 138 Overtopping ID# 041000163 Sponsor Rusk (County) Reason for Aligns with RFPG Goals Recommended by RFPG? Yes **REGIONAL FLOOD PLANNING GROUP** Recommendation **Study Details** Study type County Rusk **Project Planning** Study description Perform H&H modeling to identify and 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		i	# of structures	0	#	of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	7			Roadways im	pacted (miles)	7	
# of low water crossings	0			# of historical	road closures	0	

### **Estimated Cost and Funding Availability**

Total	Potential federal	Potential Federal
Cost \$75,000	funding availability?	Funding Sources None
COST	running availability.	r analig sources





**REGION 4** 

CARIN Title County Road 1110 Overtopping ID# 041000164 Sponsor Rusk (County) Reason for Aligns with RFPG Goals Recommended by RFPG? Yes **REGIONAL FLOOD PLANNING GROUP** Recommendation **Study Details** Study type County Rusk **Project Planning** 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**

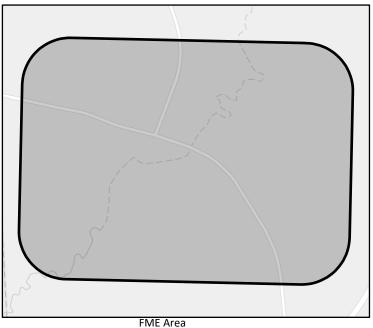
Flood risk type: Riverine? YesCoastal? NoLocal Flooding? NoOther? NoFarm/Ranch land impacted (ac.)35Roadways impacted (miles)35# of low water crossings0# of historical road closures0	Population at risk 0	# of structures 0	# of critical facilities 0
	Flood risk type: Riverine? Yes	Coastal? No Local Flooding? No	Other? No
# of low water crossings0# of historical road closures0	Farm/Ranch land impacted (ac.) 35	Roadways impacted (m	illes) 35
	# of low water crossings 0	# of historical road clos	sures 0

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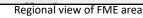
### **Estimated Cost and Funding Availability**

Potential federal Total funding availability? No \$75,000 Cost

**Potential Federal** None Funding Sources







 Title
 Grace Creek at Hawkins Pkwy Flooding

 ID#
 041000165
 Sponsor
 Longview (Municipality)

 Recommended by RFPG?
 Reason for Recommendation
 Aligns with RFPG Goals

 Study Details
 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.
 Perform H&H model?
 No

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

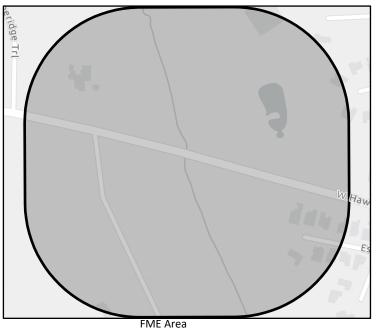
Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.

## **100-Year Flood Risk Summary**

Population at risk 2		-	# of structures	5 1	#	of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	0			Roadways im	pacted (miles)	0	
# of low water crossings	0			# of historical	road closures	0	

## **Estimated Cost and Funding Availability**

Total	Potential federal	Potential Federal
Total	No	
Cost \$75,000	funding availability? No	Funding Sources None
6631		





**REGION 4** 

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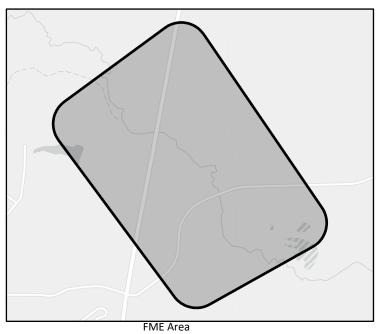
Title FM 3053/163	39 Flooding			BINE
ID# 041000166	Sponsor Kilgore (N	/unicipality)		
Recommended by		Reason for Aligns with RFPG	Goals REC	GIONAL FLOOD PLANNING GROUP
Study Details				
Study type	Project Planning	County Rusk		
Study description	Perform H&H modelin OPCC for conceptual	<b>o</b> , <b>o</b>	er detailed flood risk, develop conce	ptual alternatives to reduce flood risk, develop
FME to create new	v H&H model? No	Emergency Need? No	Anticipated models in near term?	Yes Drainage area (sq. mi., est.) 1
Goal(s) Goal 1: A	dvance multiple regior	al flood infrastructure projec	ts designed for larger storm events.	

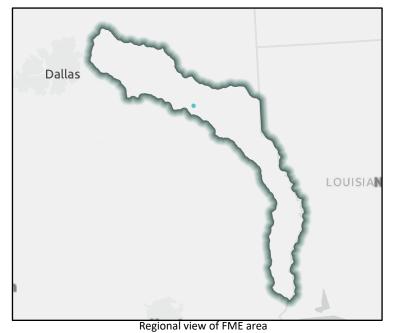
## **100-Year Flood Risk Summary**

Flood risk type: Riverine?     Yes     Coastal?     No     Local Flooding?     No     Other?     No       Farm/Ranch land impacted (ac.)     87     Roadways impacted (miles)     87     87       # of low water crossings     0     # of historical road closures     0	Population at risk 0	# of	structures 0	# of critical facilities 0
	Flood risk type: Riverine? Yes	Coastal? No	Local Flooding? No	Other? No
# of low water crossings0# of historical road closures0	Farm/Ranch land impacted (ac.)	87	Roadways impacted (mile	es) 87
	# of low water crossings	0	# of historical road closur	res 0

## **Estimated Cost and Funding Availability**

Tatal	Potential federal	Potential Federal	
Total Cost \$75,000	funding availability?	Funding Sources	





**REGION 4** 

 Title
 McCann Creek Road Overtopping

 ID#
 041000167
 Sponsor
 Longview (Municipality)

 Recommended by RFPG?
 Yes
 Reason for Recommendation



# 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. Storm events.

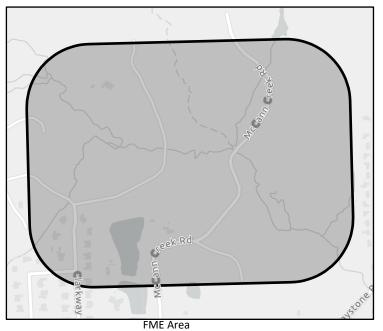
#### **100-Year Flood Risk Summary**

Population at risk 5		i	# of structures	1	ŧ	of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	5			Roadways im	pacted (miles)	5	
# of low water crossings	0			# of historical	road closures	0	

## **Estimated Cost and Funding Availability**

Total Potential federal Cost \$75,000 funding availability? No

Potential Federal Funding Sources None





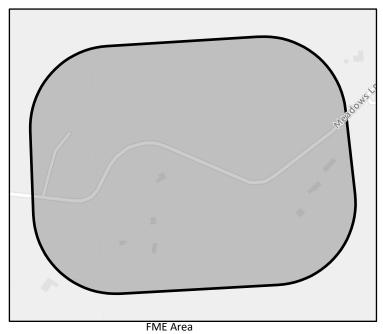


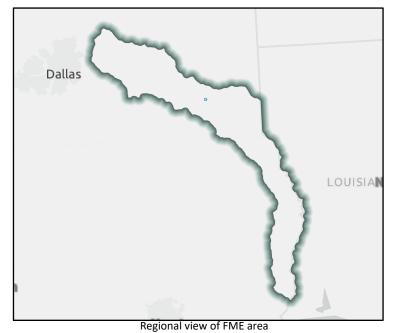
#### **100-Year Flood Risk Summary**

Population at risk 0			# of structures	0	ŧ	of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	0			Roadways im	pacted (miles)	0	
# of low water crossings	0			# of historical	road closures	0	

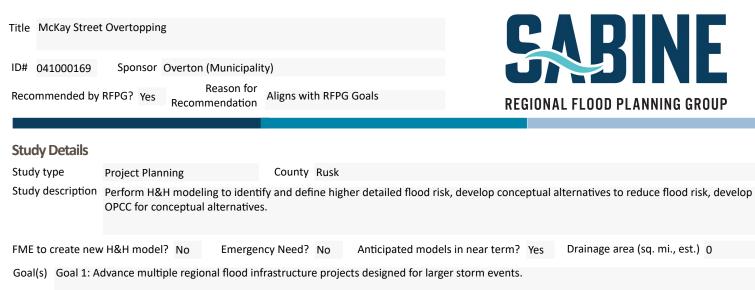
#### **Estimated Cost and Funding Availability**

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





**REGION 4** 

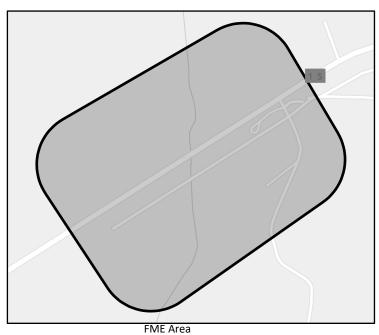


#### **100-Year Flood Risk Summary**

Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No   Farm/Ranch land impacted (ac.) 43 Roadways impacted (miles) 43 43   # of low water crossings 0 # of historical road closures 0	Population at risk 0	# of structures 1	1 4	# of critical facilities 0
	Flood risk type: Riverine? Yes	Coastal? No Lo	ocal Flooding? No	Other? No
# of low water crossings0# of historical road closures0	Farm/Ranch land impacted (ac.) 43		Roadways impacted (miles)	43
	# of low water crossings 0		# of historical road closures	0

#### **Estimated Cost and Funding Availability**

Total	Potential federal	Potential Federal	
Total	No		
Cost \$75,000	funding availability?	Funding Sources None	
2051			





**REGION 4** 

Regional view of FME area

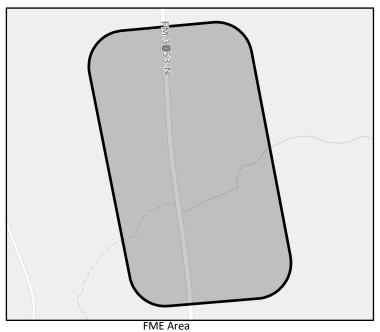


#### **100-Year Flood Risk Summary**

Population at risk 0		# of structures	0	# of critical facilities 0
Flood risk type: Riverine? Yes	Coa	astal? No	Local Flooding? No	Other? No
Farm/Ranch land impacted (ac.)	31		Roadways impacted (miles)	31
# of low water crossings	0		# of historical road closures	0

#### **Estimated Cost and Funding Availability**

Total	Potential federal	Potential Federal
Cost \$75,000	funding availability?	Funding Sources





**REGION 4** 

 Title
 Hawkins Creek at George Richey Road Overtopping

 ID#
 041000171
 Sponsor
 White Oak (Municipality)

 Recommended by RFPG?
 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. Perform H&H model ing to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop 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. Storm events Storm events Storm events

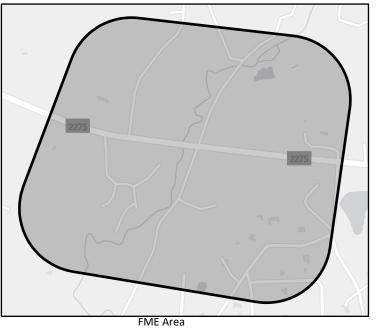
#### **100-Year Flood Risk Summary**

Flood risk type: Riverine?     Yes     Coastal?     No     Local Flooding?     No     Other?     No       Farm/Ranch land impacted (ac.)     3	Population at risk 0	# o	of structures 0	# of critical facilities 0	
	Flood risk type: Riverine? Yes	Coastal? No	o Local Flooding?	No Other? No	
# of low water crossings0# of historical road closures0	Farm/Ranch land impacted (ac.)	3	Roadways imp	acted (miles) 3	
	# of low water crossings	0	# of historical	road closures 0	

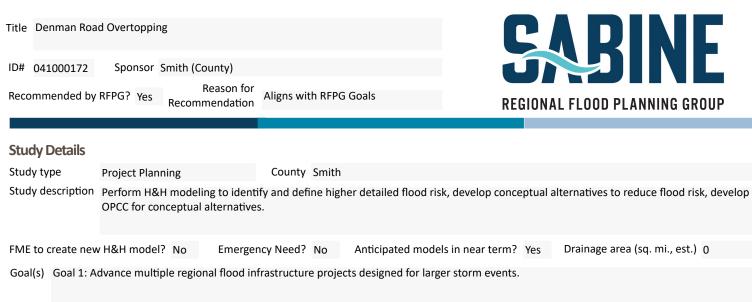
## **Estimated Cost and Funding Availability**

Total<br/>CostPotential federal<br/>funding availability?No

Potential Federal Funding Sources None





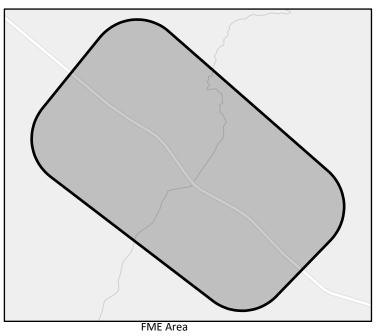


#### **100-Year Flood Risk Summary**

Population at risk 0 # of structures		0		# of critical facilities 0			
Flood risk type: Riverine? Yes		Coastal? N	0	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	17			Roadways im	pacted (miles)	17	
# of low water crossings	0			# of historical	road closures	0	

#### **Estimated Cost and Funding Availability**

Tatal	Potential federal	Potential Federal
Total Cost <sup>\$75,000</sup>	funding availability?	Funding Sources None
COSC		





**REGION 4** 

Title
County Road 146 Overtopping

ID#
041000174

Sponsor Rusk (County)

Recommended by RFPG?

Yes

Reason for Recommendation

Aligns with RFPG Goals

RegionAL FLood PLANNING GROUP

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

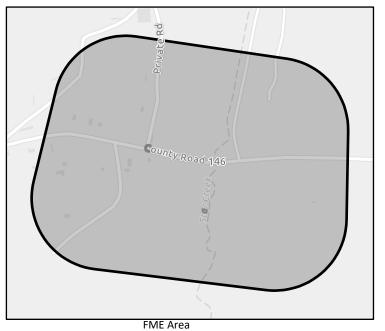
Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.

## **100-Year Flood Risk Summary**

Flood risk type: Riverine?YesCoastal?NoLocal Flooding?NoOther?NoFarm/Ranch land impacted (ac.)11Roadways impacted (miles)1111# of low water crossings0# of historical road closures0	Population at risk 0	# of structures 0	# of critical facilities 0
	Flood risk type: Riverine? Yes	Coastal? No Local Flooding? No	Other? No
# of low water crossings       0       # of historical road closures       0	Farm/Ranch land impacted (ac.) 11	Roadways impacted (miles	s) 11
	# of low water crossings 0	# of historical road closure	es 0

## **Estimated Cost and Funding Availability**

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





**REGION 4** 

 Title
 Rabbit Creek at Spinks Chapman Overtopping

 ID#
 041000175
 Sponsor
 Kilgore (Municipality)

 Recommended by RFPG?
 Yes
 Reason for Recommendation



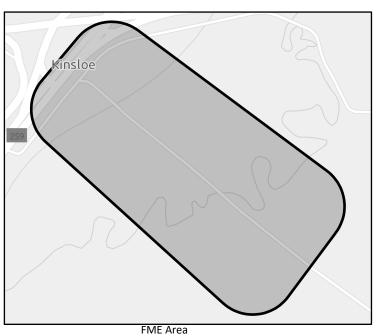
# Study Details Study type Project Planning County Gregg Study description Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. Perform H&H model ing to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop 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. Storm events Storm events Storm events

#### **100-Year Flood Risk Summary**

Population at risk 0 # of structures		es O	# 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	Potential federal	Potential Federal
	No	
Cost \$75,000	funding availability? No	Funding Sources None
CUSI	ranang avalability.	





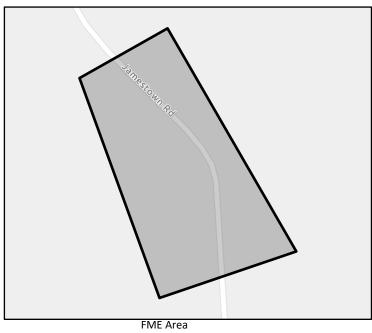


#### **100-Year Flood Risk Summary**

Population at risk -			# of structures	i -	#	of critical facilities -	
Flood risk type: Riverine? Yes		Coastal?	No	Local Flooding?	No	Other? No	
Farm/Ranch land impacted (ac.)	0			Roadways im	pacted (miles)	0	
# of low water crossings	0			# of historical	road closures	0	

#### **Estimated Cost and Funding Availability**

Tatal	Potential federal	Potential Federal
Total Cost <sup>\$75,000</sup>	funding availability?	Funding Sources None
6651		





**REGION 4** 

 Title
 Bighead Creek at US 259 Flooding

 ID#
 041000177
 Sponsor
 Kilgore (Municipality)

 Recommended by RFPG?
 Yes
 Reason for Recommendation



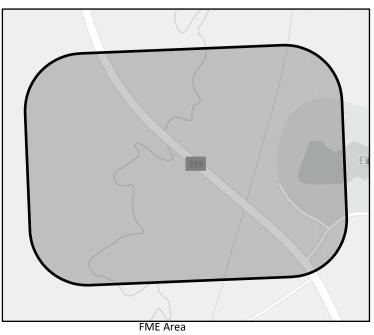
# Study Details Study type Project Planning County Gregg Study description Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. Perform H&H modeling to identify and define higher detailed 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: Hvance multiple regional flood infrastructure projects designed for larger storm events. Yes Drainage area (sq. mi., est.) 0

## **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.)	0			Roadways im	pacted (miles)	0	
# of low water crossings	0			# of historical	road closures	0	

## **Estimated Cost and Funding Availability**

Tatal		Potential federal		Potential Federal	
Total	\$7E 000		No		Nono
Cost	\$75,000	funding availability?	NO	Funding Sources	None
0000					





Title Terry Gully Regional Detention Pond 1

ID# 043000001 Sponsor Orange County Drainage District

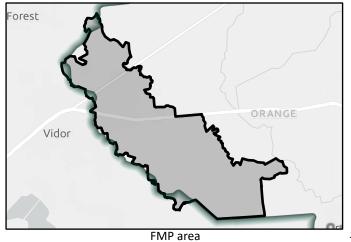
RFPG recommend? Yes

Reason for Recommendation Aligns with RFPG Goals

REGION 4

REGIONAL FLOOD PLANNING GROUP

Project Description			
Proposed detention pond for flood mitigation			
Watershed HUC# (if known) 120100051004, 12010005	Emergency Need? Nc	)	
	Drainage area (mi <sup>2</sup> es	t.) 16	
Associated FMEs	County Orange		
Associated FMSs -	Associated FMPs -		
Existing 100-Year Flood Risk			
Flood risk type: Riverine? Yes Coast	tal? 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 (l	ength) 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 rem	oved from 100-yr	463
Critical facilities removed from 100-yr 9	Farm/Ranch land re	emoved from 100-yr (acres) 2	203
Road removed from 100-yr (miles) 7	Low water crossing	s removed from 100-yr 0	)
Other benefits Environmental	Reduction in # of ro	oad closures over 10 years (	)
Impacts			
Negative impacts? No Negative im	pacts description None		
Water supply contributions? No Water supp	ly contribution description None		
Estimated Cost			
Project Cost \$46,397,775	% Nature-Based -	BCR 0	
Recurring costs 0	Issues -		





1 of 33

Title Terry Gully Regional Detention Pond 2

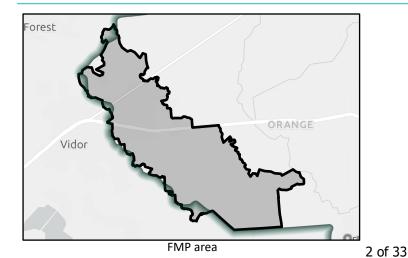
ID# 043000002 Sponsor Orange County Drainage District

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 (mi <sup>2</sup> 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	5 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 fro	m 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 remove	ed from 100-yr	0				
Other benefits Environmental	Reduction in # of road closu	ires over 10 years	0				
Impacts							
Negative impacts? No Negative impacts description							
Water supply contributions? No Water supply contribution	description None						
Estimated Cost							
Project Cost \$13,859,613	% Nature-Based -	BCR 0					
Recurring costs 0	lssues -						





Title Terry Gully Regional Detention Pond 3

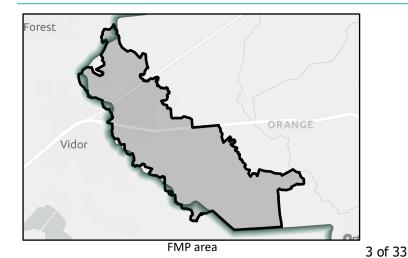
ID# 043000003 Sponsor Orange County Drainage District

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 (mi <sup>2</sup> 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	s 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 fro	m 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 remove	ed from 100-yr	0		
Other benefits Environmental	Reduction in # of road closu	0			
Impacts					
Negative impacts? No Negative impacts descriptio	n None				
Water supply contributions? No Water supply contribution of	description None				
Estimated Cost					
Project Cost \$93,350,287	% Nature-Based -	BCR 0			
Recurring costs 0	lssues -				





Title Terry Gully Regional Detention Pond 4

ID# 043000004 Sponsor Orange County Drainage District

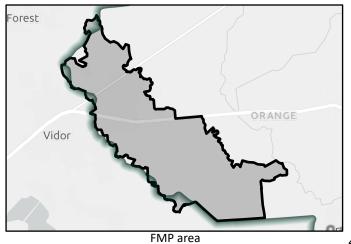
RFPG recommend? Yes

Reason for Recommendation Aligns with RFPG Goals

REGION 4

REGIONAL FLOOD PLANNING GROUP

Project Description						
Proposed detention pond for flood mitigation						
Watershed HUC# (if known) 120100051004, 120100051003	Emergency Need? No					
	Drainage area (mi <sup>2</sup> 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	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	Farm/Ranch land removed from 100-yr (acres) 120				
Road removed from 100-yr (miles) 1	Low water crossings remov	ed from 100-yr	0			
Other benefits Environmental	Reduction in # of road closures over 10 years 0					
Impacts						
Negative impacts? No Negative impacts descriptio						
Water supply contributions? No Water supply contribution of	description None					
Estimated Cost						
Project Cost \$60,463,723	% Nature-Based -	BCR 0				
Recurring costs 0	Issues -					





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Claiborne Park Regional Detention Pond Title

ID# 043000005 Sponsor Orange County Drainage District

**RFPG recommend? Yes** 

Reason for Recommendation Aligns with RFPG Goals



**REGIONAL FLOOD PLANNING GROUP** 

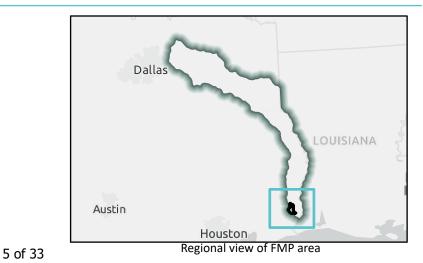
Project Description							
Proposed detention pond for flood mit	igation						
(	.00051004, .00051002,	Emergency Need? Yes Drainage area (mi <sup>2</sup> est.) 63					
Associated FMEs	1000		County Orange				
Associated FMSs -			Associated FMPs -				
Existing 100-Year Flood Risk							
Flood risk type: Riverine? Yes	C	Coastal? No	Local? No	Playa? No		Other? No	
Population at risk 5,869		# of structures	3,336	Critical facilit	ilities 2		
Farm/Ranch land impacted (acres) 2,6	34		Roadway(s) impacted (length) 68				
Number of low water crossings 1			Historical road closures 1				
100-Year Flood Risk Reduction							
Population removed from 100-yr	472		# of structures removed fr	om 100-yr	75		
Critical facilities removed from 100-yr	8		Farm/Ranch land removed from 100-yr (acres) 92				
Road removed from 100-yr (miles)	1		Low water crossings remove	ved from 100-yr	0		
Other benefits Environmental			Reduction in # of road clos	ures over 10 year	rs O		
Impacts							
Negative impacts? No	Negativ	ve impacts description	None				
Water supply contributions? No	Water	supply contribution de	scription None				
Estimated Cost							
Project Cost \$133,851,861		9	6 Nature-Based -	BCR 0			

Recurring costs 0

Issues -

0

uriceville Vido umont FMP area



Title Kinard Estates Drainage Improvements

ID# 043000006 Sponsor Orange County Drainage District

RFPG recommend? Yes

Reason for Recommendation Aligns with RFPG Goals



REGIONAL FLOOD PLANNING GROUP

## **Project Description**

Proposed detention pond and local drainage improvements for flood mitigation

Watershed HUC# (if known) 120100051100	Emergency Need? Yes
	Drainage area (mi <sup>2</sup> est.) 12
Associated FMEs	County Orange
Associated FMSs -	Associated FMPs -

## Existing 100-Year Flood Risk

Flood risk type:	Riverine?	Yes	Coastal?	No	Loc	cal? No		Playa? No	Other? No
Population at risk 4,	663		# o	f structures 1,5	502			Critical facilities 4	
Farm/Ranch land im	pacted (acro	es) 357			Roadwa	ay(s) impacted (le	ength)	25	
Number of low wate	r crossings	7			Historica	al road closures	7		

#### **100-Year Flood Risk Reduction**

Population removed from 100-yr		00-yr	554	# of	f structures removed from 100-yr	129
Critical facilities removed from 100-yr			9	Farm/Ranch land removed from 100-yr (acres)		140
Road removed from 100-yr (miles)		(miles)	1		v water crossings removed from 100-yr	0
Other benefits Environmental		ental		Rec	luction 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**

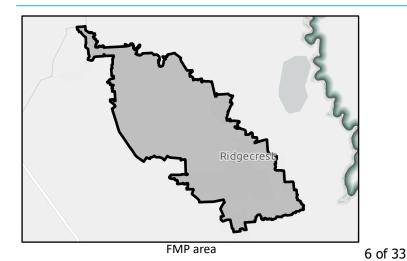
Project Cost \$96,833,693

% Nature-Based -

BCR 0

Recurring costs 0

Issues -





Title	Elevation of Feeder Road Along IH-10 at Cole Creek
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ID# 043000007 Sponsor Orange County Drainage District

RFPG recommend? Yes

Reason for Recommendation Aligns with RFPG Goals



**REGION 4** 

REGIONAL FLOOD PLANNING GROUP

#### **Project Description**

Proposed roadway improvements for access to IH10 during flood events

Watershed HUC# (if known)		Emergency Need? No
		Drainage area (mi <sup>2</sup> est.) 0
Associated FMEs		County Orange
Associated FMSs -		Associated FMPs -

## Existing 100-Year Flood Risk

Flood risk type: Riverine? Yes	s Coastal?	No Local?	No Playa?	No Other? No
Population at risk 0	# of	f structures 0	Criti	cal facilities 0
Farm/Ranch land impacted (acres)	0	Roadway(s)	impacted (length) 1	
Number of low water crossings	1	Historical ro	ad closures 1	

## **100-Year Flood Risk Reduction**

Population removed from 100-yr		00-yr	0	# of	f structures removed from 100-yr	0		
Critical facilities removed from 100-yr			0	Far	m/Ranch land removed from 100-yr (acres)	0		
Road removed fro	om 100-yr (	(miles)	0	Low	water crossings removed from 100-yr	1		
Other benefits Transportation		ition		Rec	luction in # of road closures over 10 years	1		
Impacts								
Negative impacts	?	No	Negative impacts description		None			
Water supply contributions? No			Water supply contribution descri	otion	None			

#### **Estimated Cost**

Project Cost \$986,215

% Nature-Based -

Issues -

BCR 0

Recurring costs 0

FMP area



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Title Lawrence Road Detention Pond

ID# 043000008 Sponsor Orange County Drainage District

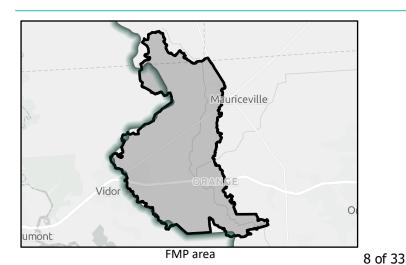
RFPG recommend? Yes

Reason for Recommendation Aligns with RFPG Goals

**SABINE** 

**REGION 4** 

Project Description					
Expansion of existing detention pond					
Watershed HUC# (if known) 120100051005		Emergency Need? Yes			
120100051100 120100051003	), 120100051002, S	Drainage area (mi <sup>2</sup> est.) 63			
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 5,869	# of structures	3,336	s 2		
Farm/Ranch land impacted (acres) 2,634		Roadway(s) impacted (length) 68			
Number of low water crossings 2		Historical road closures 2			
100-Year Flood Risk Reduction					
Population removed from 100-yr 570	D	# of structures removed fro	om 100-yr	124	
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 remov	Low water crossings removed from 100-yr		
Other benefits Environmental		Reduction in # of road closures over 10 years 0			
Impacts					
Negative impacts? No No	Negative impacts description	n None			
Water supply contributions? No	Water supply contribution d	escription None			
Estimated Cost					
Project Cost \$29,215,062		% Nature-Based -	BCR 0		
Recurring costs					





Title Upper Cow Detention Pond

ID# 043000009 Sponsor Orange County Drainage District

RFPG recommend? Yes

Reason for Recommendation Aligns with RFPG Goals

**SABINE** 

**REGION 4** 

REGIONAL FLOOD PLANNING GROUP

#### **Project Description** Proposed detention pond for flood mitigation Watershed HUC# (if known) 120100051005, 120100051004, Emergency Need? Yes 120100051100, 120100051002, Drainage area (mi<sup>2</sup> est.) 63 120100051003 Associated FMEs County Orange Associated FMSs Associated FMPs **Existing 100-Year Flood Risk** Riverine? Yes Local? No Flood risk type: Coastal? No Playa? No Other? No # of structures 3,336 Critical facilities 2 Population at risk 5,869 Farm/Ranch land impacted (acres) 2,634 Roadway(s) impacted (length) 68 Number of low water crossings Historical road closures 1 1 **100-Year Flood Risk Reduction** Population removed from 100-yr 165 # of structures removed from 100-yr 126 Critical facilities removed from 100-yr 0 Farm/Ranch land removed from 100-yr (acres) 30 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** \$172,241,395 % Nature-Based -BCR 0

Recurring costs 0

lssues -

Widor Widor FMP area



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Title Upper Adams Detention Pond

ID# 043000010 Sponsor Orange County Drainage District

RFPG recommend? Yes

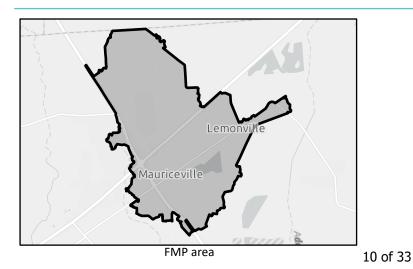
Reason for Recommendation Aligns with RFPG Goals

**SABINE** 

**REGION 4** 

REGIONAL FLOOD PLANNING GROUP

#### **Project Description** Proposed detention pond for flood mitigation Watershed HUC# (if known) 120100051004, 120100051100, Emergency Need? No 120100051003 Drainage area (mi<sup>2</sup> est.) 6 Associated FMEs County Orange Associated FMSs Associated FMPs **Existing 100-Year Flood Risk** Riverine? Yes Local? No Flood risk type: Coastal? No Playa? No Other? No # of structures 532 Critical facilities 0 Population at risk 1,339 Farm/Ranch land impacted (acres) 295 Roadway(s) impacted (length) 12 Number of low water crossings Historical road closures 0 0 **100-Year Flood Risk Reduction** Population removed from 100-yr 437 # of structures removed from 100-yr 55 Critical facilities removed from 100-yr 8 Farm/Ranch land removed from 100-yr (acres) 84 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** \$19,561,929 % Nature-Based -BCR 0 Recurring costs 0 Issues





Title Cole Creek Detention Pond

ID# 043000011 Sponsor Orange County Drainage District

RFPG recommend? Yes

Reason for Recommendation Aligns with RFPG Goals

**CABBINE** REGIONAL FLOOD PLANNING GROUP

**REGION 4** 

Associated FMSs -

## Existing 100-Year Flood Risk

Flood risk type: R	liverine?	Yes	Coastal?	No	Loo	cal? No		Playa? No	Other? No
Population at risk 2,9	20		# of	structures 2,	,071			Critical facilities 2	
Farm/Ranch land imp	acted (acre	es) 1,743			Roadwa	ay(s) impacted (leng	gth)	38	
Number of low water	crossings	1			Historic	al road closures 1			

Associated FMPs

## **100-Year Flood Risk Reduction**

Population removed from 100-yr		438 #	of structures removed from 100-yr	14
Critical facilities remov	ed from 100-yr	0 Fa	arm/Ranch land removed from 100-yr (acres)	137
Road removed from 100-yr (miles)		0 Lo	ow water crossings removed from 100-yr	0
Other benefits Environmental		R	Reduction in # of road closures over 10 years	
Impacts				
Negative impacts?	No	Negative impacts description	None	
Water supply contribut	tions? No	Water supply contribution descriptio	n None	

#### **Estimated Cost**

Project Cost \$41,147,927

% Nature-Based -

Issues -

BCR 0

Recurring costs 0

FMP area



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 curing storm events. Includes some creek channel grading improvements.

Watershed HUC# (if known)	120100010303, 120100010302	Emergency Need? No
		Drainage area (mi <sup>2</sup> est.) 2
Associated FMEs		County Hunt
Associated FMSs -		Associated FMPs -

## Existing 100-Year Flood Risk

Flood risk type: Riv	verine?	/es	Coastal?	No	Local? No	Playa? No	Other? No
Population at risk 1			# o	f structures 2		Critical facilities 0	
Farm/Ranch land impac	cted (acre	s) 90			Roadway(s) impacted (length)	1	
Number of low water c	crossings	0			Historical road closures 0		

#### **100-Year Flood Risk Reduction**

Population removed from 100-yr		00-yr	0	# of	f structures removed from 100-yr	0
Critical facilities removed from 100-yr			0	Far	m/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)		(miles)	-	Low	v water crossings removed from 100-yr	1
Other benefits Transportation		ation	Re		luction 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

Issues -

BCR 1

Recurring costs 0

FMP area





**REGIONAL FLOOD PLANNING GROUP** 

**REGION 4** 

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 k	tershed HUC# (if known) 120100010201, 120100010202			Emergency Need? No Drainage area (mi <sup>2</sup> est.) 2			
Associated FMEs				County Hunt			
Associated FMSs -	ssociated FMSs -			Associated FMPs -			
Existing 100-Year F	lood Risl	k					
Flood risk type: F	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

Issues -

BCR 1

Recurring costs 0

FMP area



**REGION 4** 

CARI

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 curing storm events. Includes some creek channel grading improvements.

Watershed HUC# (if known)	120100010103	Emergency Need? No
		Drainage area (mi <sup>2</sup> est.) 1
Associated FMEs		County Hunt
Associated FMSs -		Associated FMPs -

## Existing 100-Year Flood Risk

Flood risk type: Riv	verine? Y	′es	Coastal?	No	Local? No	Playa? No	Other? No
Population at risk 2			# o	f structures 2		Critical facilities 0	
Farm/Ranch land impa	acted (acre	s) 127			Roadway(s) impacted (length)	0	
Number of low water of	crossings	0			Historical road closures 0		

#### **100-Year Flood Risk Reduction**

Population removed from 100-yr		0 #0	of structures removed from 100-yr	0
Critical facilities remove	d from 100-yr	0 Fa	rm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)		0 Lo	w water crossings removed from 100-yr	0
Other benefits Transportation		Re	eduction in # of road closures over 10 years	0
Impacts				
Negative impacts?	No	Negative impacts description	None	
Water supply contributions? No		Water supply contribution description	n None	

#### **Estimated Cost**

Project Cost \$9,217,492

% Nature-Based 0

Issues -

BCR 0

Recurring costs 0



FMP area

14 of 33



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 EMSs       -			
Drainage area (mi <sup>2</sup> est.) 1	Associated FMSs -		Associated FMPs -
	Associated FMEs		County Hunt
Watershed HUC# (if known)         120100010103, 120100010102         Emergency Need?         No			Drainage area (mi <sup>2</sup> est.) 1
	Watershed HUC# (if known)	120100010103, 120100010102	Emergency Need? No

#### Existing 100-Year Flood Risk

Flood risk type: Riv	verine?	Yes	Coastal?	No	Local? No	Playa? No	Other? No
Population at risk 2			# o	f structures 1		Critical facilities 0	
Farm/Ranch land impa	acted (acre	es) 90			Roadway(s) impacted (length)	0	
Number of low water of	crossings	0			Historical road closures 0		

#### **100-Year Flood Risk Reduction**

Population removed from 100-yr Critical facilities removed from 100-yr		0 #0	of structures removed from 100-yr	0
		0 Fa	rm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-y	/r (miles)	0 Lo	w water crossings removed from 100-yr	0
Other benefits Transpo	rtation	Re	eduction in # of road closures over 10 years	0
Impacts				
Negative impacts?	No	Negative impacts description	None	
Water supply contribution	is? No	Water supply contribution description	n None	

#### **Estimated Cost**

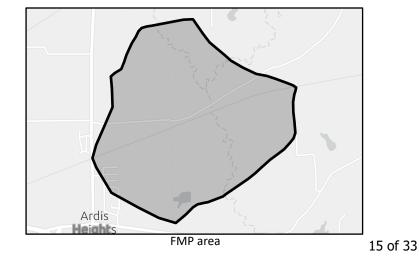
Project Cost \$4,284,973

% Nature-Based 0

Issues -

BCR 0

Recurring costs 0





**REGION 4** 

F

<u>CARIN</u>

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
	Drainage area (mi <sup>2</sup> 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 3	ł		# o	f structures 5		Critical facilities 0	
Farm/Ranch land in	npacted (acr	es) 51			Roadway(s) impacted (length)	0	
Number of low wat	er crossings	0			Historical road closures 0		

## **100-Year Flood Risk Reduction**

Population removed from 100-yr Critical facilities removed from 100-yr		0 #0	of structures removed from 100-yr	0
		0 Fa	Farm/Ranch land removed from 100-yr (acres) (	
Road removed from 10	0-yr (miles)	0 Lo	w water crossings removed from 100-yr	0
Other benefits Trans	portation	Re	duction in # of road closures over 10 years	0
Impacts				
Negative impacts?	No	Negative impacts description	None	
Water supply contribut	ions? No	Water supply contribution description	None	

#### **Estimated Cost**

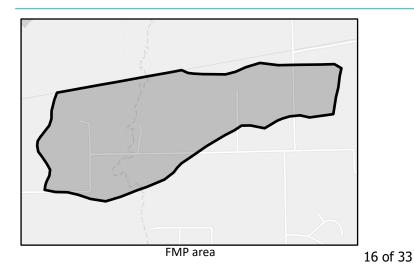
Project Cost \$3,344,199

% Nature-Based 0

BCR 1

Recurring costs 0

Issues -







Orange County Coastal Storm Risk Management Project Title

ID# 043000017 Sponsor Orange County Drainage District

**RFPG recommend? Yes** 

Reason for Recommendation Aligns with RFPG Goals



## **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)	120100051005, 120100051004, 120100051100, 120100051003	Emergency Need?YesDrainage area (mi² est.)265
Associated FMEs 999999		County Orange, Newton
Associated FMSs 999999		Associated FMPs 053000005
Existing 100-Year Flood	Risk	

Flood risk type: Riverine? No	coastal?	Yes	Local? No	Playa? No	Other? No
Population at risk 24,485	# c	of structures 7,929		Critical facilities 206	
Farm/Ranch land impacted (acres)	3,495	Road	dway(s) impacted (lengt	n) 158	
Number of low water crossings	21	Histo	orical road closures 0		

#### **100-Year Flood Risk Reduction**

100 100 1000						
Population removed from 100-yr		2,375	# of	f structures removed from 100-yr	1,618	
Critical facilities re	emoved fro	om 100-yr	9	Farı	m/Ranch land removed from 100-yr (acres)	1,679
Road removed fro	om 100-yr	(miles)	28	Low	v water crossings removed from 100-yr	21
Other benefits	Other benefits Environmental, Water Quality		Red	luction in # of road closures over 10 years	-	
Impacts						
Negative impacts?	?	No	Negative impacts description		None	
Water supply contributions? No Water supply contribution descrip		ption	None			

#### **Estimated Cost**

**Project Cost** \$2,270,099,968 % Nature-Based 0

Issues -

BCR 2

Recurring costs 0

Beaumont FMP area





Regional view of FMP area

Kilgore Downtown Storm Sewer Master Plan Improvements Title

ID# 043000018 Sponsor Kilgore (Municipality)

**RFPG recommend? Yes** 

Reason for Recommendation Aligns with RFPG Goals



Project Description						
Downtown Storm Sewer In	provements					
Watershed HUC# (if known)	120100020	0502,120	100020503	Emergency Need? No		
				Drainage area (mi <sup>2</sup> est.) 1		
Associated FMEs 999999				County Gregg		
Associated FMSs 999999				Associated FMPs 999999		
Existing 100-Year Flood	Risk					
Flood risk type: Riverin	e? Yes		Coastal? No	Local? No	Playa? No	Other? No
Population at risk 0			# of structures	Critical facilities 0		
Farm/Ranch land impacted	(acres) 0			Roadway(s) impacted (length)	2	
Number of low water cross	ings 0			Historical road closures 0		
100-Year Flood Risk Re	duction					
Population removed from	L00-yr	0		# of structures removed from 100-yr 0		
Critical facilities removed f	rom 100-yr	0		Farm/Ranch land removed from 100-yr (acres) 0		
Road removed from 100-y	(miles)	1		Low water crossings removed from 100-yr 0		
Other benefits Transpor	tation			Reduction in # of road closures over 10 years -		
Impacts						
Negative impacts?	No	Negat	ive impacts description	n None		
Water supply contribution	? No	Water	supply contribution d	escription None		
Estimated Cost						
Project Cost \$2,238,25	2			% Nature-Based 0	BCR 0	

Recurring costs 0

Issues -

Kilgore FMP area



Title Parker Creek Maintenance

ID# 043000020 Sponsor Marshall (Municipality)

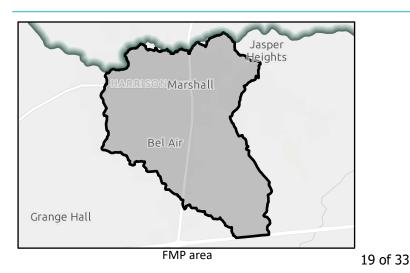
RFPG recommend? Yes

Reason for Recommendation Aligns with RFPG Goals

**SABINE** REGIONAL FLOOD PLANNING GROUP

**REGION 4** 

**Project Description** Remove debris and clear channel South of Hwy 59 to Five Notch Rd Watershed HUC# (if known) 120100020703, 120100020701 Emergency Need? No Drainage area (mi<sup>2</sup> est.) 13 Associated FMEs County Harrison Associated FMSs Associated FMPs **Existing 100-Year Flood Risk** Flood risk type: Riverine? Yes Local? No Coastal? No Playa? No Other? No # of structures 465 Critical facilities 0 Population at risk 4,657 Farm/Ranch land impacted (acres) 120 Roadway(s) impacted (length) 13 Number of low water crossings Historical road closures 0 n **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? No Negative impacts description None Water supply contribution description None Water supply contributions? No **Estimated Cost Project Cost** \$258,023 % Nature-Based -BCR 0 Recurring costs 0 Issues





Title Turtle Creek Maintenance

ID# 043000021 Sponsor Marshall (Municipality)

RFPG recommend? Yes

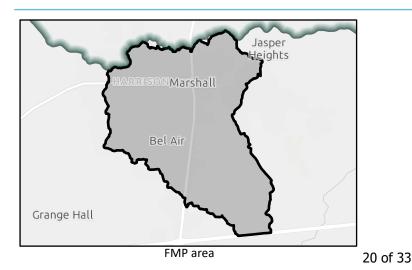
Reason for Recommendation Aligns with RFPG Goals

REGION 4 **SABINE** REGIONAL FLOOD PLANNING GROUP

**Project Description** Remove debris and clear channel West of Hwy 59 Watershed HUC# (if known) 120100020703, 120100020701 Emergency Need? No Drainage area (mi<sup>2</sup> est.) 13 Associated FMEs County Harrison Associated FMSs Associated FMPs **Existing 100-Year Flood Risk** Riverine? Yes Local? No Flood risk type: Coastal? No Playa? No Other? No # of structures 465 Critical facilities 0 Population at risk 4,657 Farm/Ranch land impacted (acres) 120 Roadway(s) impacted (length) 13 Number of low water crossings Historical road closures 0 n **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) 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? No Negative impacts description None Water supply contribution description None Water supply contributions? No **Estimated Cost Project Cost** \$504,464 % Nature-Based -BCR 0

Recurring costs 0

lssues -





Title Upper Happy Hollow Drainage Improvement - City Park

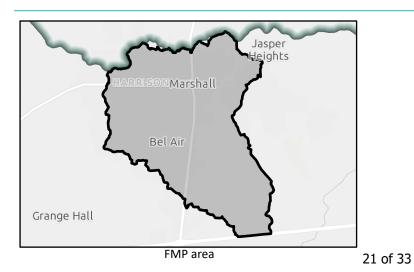
ID# 043000022 Sponsor Marshall (Municipality)

RFPG recommend? Yes

Reason for Recommendation Aligns with RFPG Goals



Project Description				
Improve Drainage Walls - Carter thru City Park				
N	1			
Watershed HUC# (if known) 120100020703, 12010002070	- 5,			
	Drainage area (mi <sup>2</sup> est.) 13			
Associated FMEs	County Harrison			
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 4,657 # o	f structures 465	Critical facilities 0		
Farm/Ranch land impacted (acres) 120	Roadway(s) impacted (length)	13		
Number of low water crossings 0	Historical road closures 0			
100-Year Flood Risk Reduction				
Population removed from 100-yr 0	# of structures removed fro	m 100-yr 0		
Critical facilities removed from 100-yr 0	Farm/Ranch land removed f	Farm/Ranch land removed from 100-yr (acres) 0		
Road removed from 100-yr (miles) 0	Low water crossings remove	ed from 100-yr 0		
Other benefits _	Reduction in # of road closu	res over 10 years 0		
Impacts				
Negative impacts? No Negative impact	s description None			
Water supply contributions? No Water supply co	ntribution description None			
Estimated Cost				
Project Cost \$981,076	% Nature-Based -	BCR 0		
Recurring costs 0	Issues -			





Title Parker Creek Detention Pond

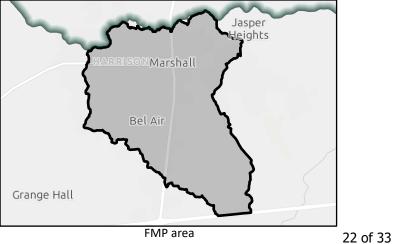
ID# 043000023 Sponsor Marshall (Municipality)

RFPG recommend? Yes

Reason for Recommendation Aligns with RFPG Goals



Project Description			
Detention pond by UPRR			
Watershed HUC# (if known) 120100020703, 120100020701	Emergency Need? No		
	Drainage area (mi <sup>2</sup> est.) 13		
Associated FMEs	County Harrison		
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 4,657 # of structures 4	165	Critical facili	ties 0
Farm/Ranch land impacted (acres) 120	Roadway(s) impacted (length)	13	
Number of low water crossings 0	Historical road closures 0		
100-Year Flood Risk Reduction			
Population removed from 100-yr	# of structures removed fro	m 100-yr	-
Critical facilities removed from 100-yr	Farm/Ranch land removed	from 100-yr (acı	res) -
Road removed from 100-yr (miles)	Low water crossings removed from 100-yr -		
Other benefits Environmental	Reduction in # of road closures over 10 years -		
Impacts			
Negative impacts? No Negative impacts description	None		
Water supply contributions? No Water supply contribution de	scription None		
Estimated Cost			
Project Cost \$5,047,893 9	6 Nature-Based -	BCR 0	
Recurring costs 0	Issues -		
		V -	The second





Title Upper Happy Hollow Drainage Improvement - Smith Park

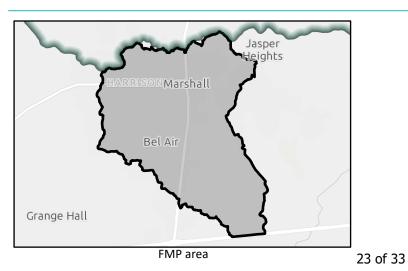
ID# 043000024 Sponsor Marshall (Municipality)

RFPG recommend? Yes

Reason for Recommendation Aligns with RFPG Goals



Project Description					
Drainage improvement through Smith F	Park				
Watershed HUC# (if known) 120100020	0703, 120100020701	Emergency Need? No			
		Drainage area (mi <sup>2</sup> est.) 13			
Associated FMEs		County Harrison			
Associated FMSs -		Associated FMPs -			
Existing 100-Year Flood Risk					
-	Coastal2 No	Local? No		Other? No	
Flood risk type: Riverine? Yes	Coastal? No		Playa? No Critical facilities	Other? No	
Population at risk 4,657	# of structures 4	ob Childen lacingies ()			
Farm/Ranch land impacted (acres) 120		Roadway(s) impacted (length)	Roadway(s) impacted (length) 13		
Number of low water crossings 0		Historical road closures 0			
100-Year Flood Risk Reduction					
Population removed from 100-yr	18	# of structures removed fro	# of structures removed from 100-yr 9		
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 de	scription None			
Estimated Cost					
Project Cost \$491,866	9	6 Nature-Based -	BCR 0		
Recurring costs 0		lssues -			





Title Parker Creek Improvements

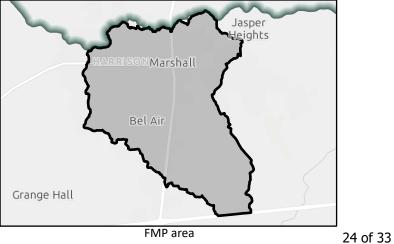
ID# 043000025 Sponsor Marshall (Municipality)

RFPG recommend? Yes

Reason for Recommendation Aligns with RFPG Goals



Project Description			
Improvements through downtown			
Watershed HUC# (if known) 120100020703, 120100020701	Emergency Need? No		
	Drainage area (mi <sup>2</sup> est.) 13		
Associated FMEs	County Harrison		
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 4,657 # of structu	ures 465 Critical facilities 0		
Farm/Ranch land impacted (acres) 120	Roadway(s) impacted (length) 13		
Number of low water crossings 0	Historical road closures 0		
100-Year Flood Risk Reduction			
Population removed from 100-yr 73	# of structures removed from 100-yr 2		
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 descrip			
Water supply contributions? No     Water supply contribution description     None			
Estimated Cost			
Project Cost \$19,010,117	% Nature-Based - BCR 0		
Recurring costs 0	Issues -		





City of Longview Property Acquisition Title

ID# 043000026 Sponsor Longview (Municipality)

**RFPG recommend? Yes** 

Reason for Recommendation Aligns with RFPG Goals

#### **Project Description**

Implementation of program to purchase properties and repetitive loss homes in floodplain areas to reserve them from development.

Watershed HUC# (if known)		506, 120100020601,	Emergency Need? Yes	Emergency Need? Yes				
	120100020	504, 120100020505	Drainage area (mi <sup>2</sup> est.) 94	Drainage area (mi <sup>2</sup> est.) 94				
Associated FMEs			County Gregg					
Associated FMSs -			Associated FMPs -					
Existing 100-Year Flood	Risk							
Flood risk type: Riverin	e? Yes	Coastal? No	Local? No	Playa? No	Other? No			
Population at risk 12,674 # of structures 1			1,520	520 Critical facilities 17				
Farm/Ranch land impacted (acres) 1,405			Roadway(s) impacted (length) 51					
Number of low water crossings 0			Historical road closures 0					
100-Year Flood Risk Rec	luction							
Population removed from 1	.00-yr	18	# of structures removed fro	# of structures removed from 100-yr 4				
Critical facilities removed fr	om 100-yr	-	Farm/Ranch land removed	from 100-yr (acı	res) -			
Road removed from 100-yr	(miles)	-	Low water crossings removed from 100-yr					
Other benefits Environm	ental		Reduction in # of road closures over 10 years -					
Impacts								
Negative impacts?	No	Negative impacts description	n None					
Water supply contributions	? No	Water supply contribution d	escription None					
Ectimated Cast								

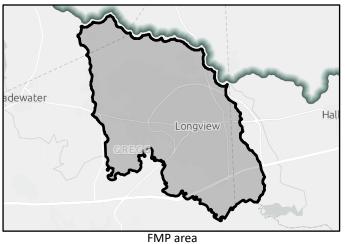
#### Estimated Cost

**Project Cost** \$10,000,000 % Nature-Based -

BCR 1

Recurring costs 0

Issues -





**REGION 4** 

F

<u>Cabin</u>

**REGIONAL FLOOD PLANNING GROUP** 

25 of 33

City of Kilgore Property Acquisition Title

ID# 043000027 Sponsor Kilgore (Municipality)

**RFPG recommend? Yes** 

Reason for Recommendation Aligns with RFPG Goals

## SABI

**REGION 4** 

**REGIONAL FLOOD PLANNING GROUP** 

#### **Project Description**

Implementation of program to purchase properties and repetitive loss homes in floodplain areas to reserve them from development.

Watershed HUC# (if known)		501, 120100020506, 502, 120100020503,	Emergency Need? Yes				
	120100020		Drainage area (mi <sup>2</sup> est.) 155				
Associated FMEs			County Gregg,Rusk				
Associated FMSs -			Associated FMPs -				
Existing 100-Year Flood	Risk						
Flood risk type: Riverin	e? Yes	Coastal? No	Local? No	Playa? No	Other? No		
Population at risk 1,891		# of structures 5	517	Critical facilities	s 3		
Farm/Ranch land impacted (acres) 3,000			Roadway(s) impacted (length) 45				
Number of low water cross	ings 3		Historical road closures 3				
100-Year Flood Risk Red	luction						
Population removed from 1	100-yr	75	# of structures removed fro	om 100-yr	22		
Critical facilities removed fr	om 100-yr	0	Farm/Ranch land removed	from 100-yr (acres)	) 0		
Road removed from 100-yr	(miles)	0	Low water crossings remov	ed from 100-yr	0		
Other benefits Environm	ental		Reduction in # of road close	ures over 10 years	0		
Impacts							
Negative impacts?	No	Negative impacts description	None				
Water supply contributions	? No	Water supply contribution de	scription None				
Estimated Cost							

**Project Cost** \$56,159,648 % Nature-Based -

Issues -

BCR 3

Recurring costs 0

Kilgore erton FMP area



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.

Water supply contributions	? No	Water supply contribution des	cription None		
Negative impacts?	No	Negative impacts description	None		
Impacts					
Other benefits Environme	ental		Reduction in # of road closu	ures over 10 years	0
Road removed from 100-yr	(miles)	0	Low water crossings remov	ed from 100-yr	0
Critical facilities removed fr		0	Farm/Ranch land removed	from 100-yr (acres)	0
Population removed from 1	-	0	# of structures removed fro	om 100-yr	0
100-Year Flood Risk Red					
Number of low water crossi	ngs 22		Historical road closures 22		
Farm/Ranch land impacted	(acres) 13,5	79	Roadway(s) impacted (length)	364	
Population at risk 44,427		# of structures 10	5,974 Critical facilities 269		
Flood risk type: Riverine	e? Yes	Coastal? Yes	Local? No	Playa? No	Other? No
Existing 100-Year Flood					
Associated (1155 935355			Associated Phrs -		
Associated FMSs 999999			Associated FMPs -		
Associated FMEs			County Orange		
	120100051	100, 120100051003	Drainage area (mi <sup>2</sup> est.) 371		
Watershed HUC# (if known)			Emergency Need? Yes		

#### **Estimated Cost**

Project Cost \$10,000,000

% Nature-Based 0

Issues -

BCR 1

Recurring costs 0

 FMP area



**SABINE** 

REGIONAL FLOOD PLANNING GROUP

Title Orange County Elevation of Residential Structures Program

ID# 043000030 Sponsor Orange (County)

RFPG recommend? Yes

**Project Description** 

Reason for Recommendation Aligns with RFPG Goals

# **SABINE**

REGIONAL FLOOD PLANNING GROUP

Elevations of homes	s within Floc	odplains t	hroughd	out County.					
Watershed HUC# (if	Vatershed HUC# (if known) 120100051005, 120100051004, 120100051100, 120100051003				gency Need? Yes				
						age area (mi <sup>2</sup> est.) 371			
Associated FMEs					Count	y Orange			
Associated FMSs 99	99999				Associ	ated FMPs -			
Existing 100-Year	r Flood Ris	k							
Flood risk type:	Riverine?	Yes		Coastal? Yes	Loc	cal? No	Playa? No		Other? No
Population at risk 4	14,427			# of structures	16,974	6,974 Critical facilities 2			
Farm/Ranch land in	npacted (ac	res) 13,5	79		Roadwa	y(s) impacted (length)	364		
Number of low wat	er crossings	22			Historic	al road closures 22			
100-Year Flood R	lisk Reduc	tion							
Population remove	d from 100-	yr	0		# of	structures removed fro	m 100-yr	0	
Critical facilities ren	noved from	100-yr	0		Farr	m/Ranch land removed	from 100-yr (acre	es) 0	
Road removed fron	n 100-yr (mi	les)	0		Low	v water crossings remov	ed from 100-yr	0	
Other benefits E	nvironment	al			Red	luction in # of road closu	ires over 10 year	s O	
Impacts									
Negative impacts?	N	C	Negat	ive impacts description		None			
Water supply contr	ibutions? No	C	Wate	r supply contribution de	scription	None			
Estimated Cost									

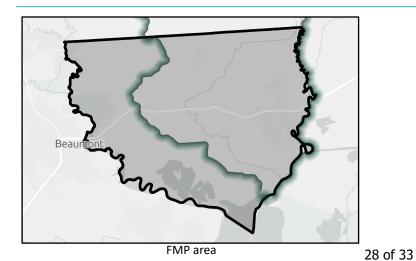
Project Cost \$10,000,000

% Nature-Based 0

BCR 1

Recurring costs 0

Issues -





Title Bighead Creek Flooding - Roadway Improvements to Stone Road

ID# 043000031 Sponsor Kilgore (Municipality)

Proposed drainage improvements near Bighead Creek

RFPG recommend? Yes

**Project Description** 

Reason for Recommendation Aligns with RFPG Goals

**SABINE** REGIONAL FLOOD PLANNING GROUP

**REGION 4** 

Watershed HUC# (if known) 120100020501, 120100020506, Emergency Need? Yes 120100020502, 120100020503, Drainage area (mi<sup>2</sup> est.) 155 120100020601 Associated FMEs County Rusk Associated FMSs Associated FMPs **Existing 100-Year Flood Risk** Riverine? Yes Local? No Flood risk type: Coastal? No Playa? No Other? No # of structures 517 Critical facilities 3 Population at risk 1,891 Farm/Ranch land impacted (acres) 3,000 Roadway(s) impacted (length) 45 Number of low water crossings Historical road closures 3 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** 

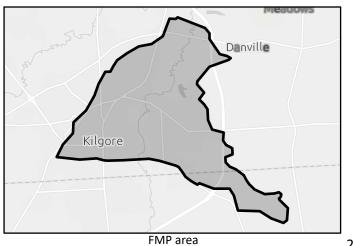
Project Cost \$57,548,151

% Nature-Based -

BCR 0

Recurring costs 0

Issues -





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Harris Creek Tributary Flooding Title

ID# 043000032 Sponsor Longview (Municipality)

**RFPG recommend? Yes** 

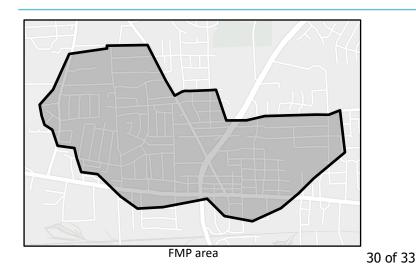
Reason for Recommendation Aligns with RFPG Goals

GARI **REGIONAL FLOOD PLANNING GROUP** 

**REGION 4** 

**Project Description** Proposed drainage improvements near Harris Creek Watershed HUC# (if known) 120100020506, 120100020601, Emergency Need? Yes 120100020504, 120100020505 Drainage area (mi<sup>2</sup> est.) 94 Associated FMEs County Gregg Associated FMSs Associated FMPs **Existing 100-Year Flood Risk** Riverine? Yes Local? No Flood risk type: Coastal? No Playa? No Other? No # of structures 541 Critical facilities 1 Population at risk 3,309 Farm/Ranch land impacted (acres) -Roadway(s) impacted (length) 4 Number of low water crossings Historical road closures 0 0 **100-Year Flood Risk Reduction** Population removed from 100-yr 246 # of structures removed from 100-yr 50 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 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** \$53,892,341 % Nature-Based -BCR 0 Recurring costs 0

Issues





Title Iron Bridge Creek Neighborhood Flooding

ID# 043000033 Sponsor Longview (Municipality)

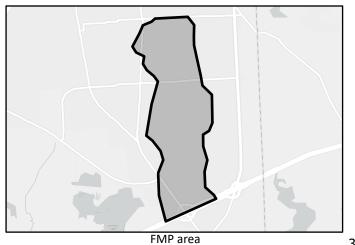
RFPG recommend? Yes

Reason for Recommendation Aligns with RFPG Goals



REGIONAL FLOOD PLANNING GROUP

Project Description				
Proposed drainage improvements near Iron Bridge Creek				
Watershed HUC# (if known) 120100020506, 120100020601,	Emergency Need? Yes			
120100020504, 120100020505	Drainage area (mi <sup>2</sup> est.) 94			
Associated FMEs	County Gregg			
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 2,069 # of structures	5 360	50 Critical facilities 1		
Farm/Ranch land impacted (acres) -	Roadway(s) impacted (length)	2		
Number of low water crossings 0	Historical road closures 0			
100-Year Flood Risk Reduction				
Population removed from 100-yr 26	# of structures removed fro	om 100-yr	14	
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 remov	ed from 100-yr	0	
Other benefits Transportation	Reduction in # of road close	ures over 10 years	0	
Impacts				
Negative impacts? No Negative impacts description	on None			
Water supply contributions? No Water supply contribution	description None			
Estimated Cost				
Project Cost \$25,270,808	% Nature-Based -	BCR 0		
Recurring costs 0	lssues -			





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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
	Drainage area (mi <sup>2</sup> est.) 0
Associated FMEs	County Kaufman
Associated FMSs -	Associated FMPs -

### Existing 100-Year Flood Risk

Flood risk type: R	Riverine?	Yes	Coastal?	No	Local? No	Playa? No	Other? No
Population at risk 0			# o	f structures 0		Critical facilities 0	
Farm/Ranch land imp	oacted (acro	es) O			Roadway(s) impacted (length	) 0	
Number of low water	r 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	om 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 Transport	ation		Reduction in # of road closures over 10 years	1
Impacts				
inipacts				
Negative impacts?	No	Negative impacts description	None	
Water supply contributions	? No	Water supply contribution descripti	on None	

#### **Estimated Cost**

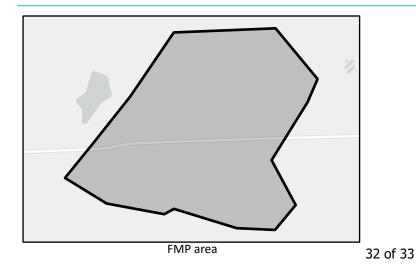
Project Cost \$2,141,682

% Nature-Based 0

BCR 1

Recurring costs 0

Issues -





**REGION 4** 

<u>CARIN</u>

**REGIONAL FLOOD PLANNING GROUP** 

Title Sabine Flood Measurement Gages

ID# 043000035 Sponsor Sabine River Authority

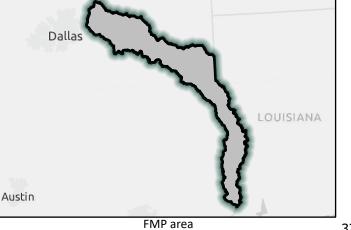
RFPG recommend? Yes

Reason for Recommendation Aligns with RFPG Goals



REGIONAL FLOOD PLANNING GROUP

Project Description					
Install flood measurement gages regionwide					
Watershed HUC# (if known) 120100010301		Emergency Need? Yes			
· · · ·		Drainage area (mi <sup>2</sup> est.) 4,76	0		
Associated FMEs		County Smith,Gregg,Kaufmar			
Associated FMSs 042000052		Associated FMPs -	,,,,,,		
Existing 100-Year Flood Risk					
Flood risk type: Riverine? Yes C	Coastal? No	Local? No	Playa? No	Other? No	
Population at risk 43,502	# of structures 12	2,591	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 fro	m 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 remove	ed from 100-yr	0	
Other benefits _		Reduction in # of road closu	ires over 10 years	0	
Impacts					
	e impacts description	None			
Water supply contributions? No Water s	supply contribution des	cription None			
Estimated Cost					
Project Cost \$737,148	%	Nature-Based -	BCR 1		
Recurring costs 0	ls	sues -			
~				~~	
			m		
Dallas		Dallas			





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				07 (						
Title	Orange County E	Drainag	e District Design	Criteria				5 I F		
ID#	042000001 Sp	onsor	Orange (County)			RE	GIONAL FLOOI	D PLANNIN	G GROUP	
RFPG re	ecommend? Yes		R	leason for Recommendation	Aligns wit	h RFPG Goals				
Strate	egy Details									
Strateg	gy type	R	egulatory and Gu	uidance						
Strateg	gy description	U	Ipdate Design Cri	teria						
Associ	ated FMEs	9	99999			Associated FM	Ps 999999			
Associ	ated FMSs	9	99999							
				.0100051003,120100051004,	1201000510	05	Drainage are	ea (mi², est.)	371	
Waters	shed HUC# (if kno	wn) 1	20100031100,12	.0100051003,120100051004,.	1201000510	600	County		Orange	
Goal(s)	Goal 1: 100% o	of count	ties to perform p	ublic education and awarenes	s campaign	s to better infor	m the public of flo	ood-related ris	ks on an annua	al hasis

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. Goal 3: Increase the number of communities that utilize the latest and most appropriate precipitation data as a basis for design criteria to cover at

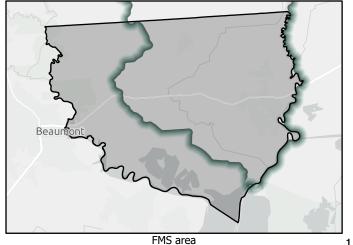
least 75% of the region's population.

#### Existing 100-Year Flood Risk

Population at risk 26,881		# c	of structures	16,974			Critical f	acilities	276		
Flood risk type: Riverine?	Yes	Coastal?	Yes	Local	?	No	Playa?	No		Other?	No
Farm/Ranch land impacted (a	cres) 17,17	1		Roadway	y(s) im	pacted (miles)	364				
Number of low water crossin		Historical road closures 22									
Impacts											
Negative impacts?	No	Negative impac	ts description	I	N/A						
Water supply contributions?	No	Water supply co	ontribution de	escription	None						

#### **Estimated Cost**

Strategy Cost	\$50,000	Amount of available funding	\$0	% Nature-Based	0





**REGION 4** 

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			0	07 (**	,			
Title	Orange Count	y Prope	rty Acquisition			Ú		
ID#	042000002	Sponsor	Orange (Coun	ty)		REG	ONAL FLOOD PLANNIN	G GROUP
RFPG re	commend? Y	′es		Reason for Recommendation	Aligns wit	h RFPG Goals		
Strate	gy Details							
Strateg	y type		Property Acqui	isition and Structural Elevation				
Strateg	y description			ogram to acquire flood prone/repojects, and/or as a general comm			onvert to open space, parks,	boating access, trails,
Associa	ated FMEs		999999			Associated FMPs	999999	
Associa	Associated FMSs		999999				Drainage area (mi², est.)	371
Waters	hed HUC# (if k	nown)	120100051100	,120100051003,120100051004,1	120100051	005		3/1
							County	Orange

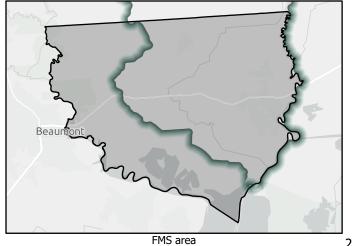
Goal(s) Goal 1: Reduce exposure of existing structures in flood prone areas by elevating, acquiring, relocating, or otherwise providing flood protection to 10% of structures.

#### Existing 100-Year Flood Risk

Population at risk 26,881		# o	# of structures		16,974		Critical f	Critical facilities			
Flood risk type: Riverine?	Yes	Coastal?	Yes	Local	? No	)	Playa?	No		Other?	No
Farm/Ranch land impacted (a	cres) 17,1	71		Roadway(s) impacted (miles) 364							
Number of low water crossing			Historical road closures			22					
Impacts											
Negative impacts?	ts description		N/A								
Water supply contributions? No Water supply			ontribution de	oution description None							

### **Estimated Cost**

	4				
Strategy Cost	\$100,000	Amount of available funding	\$0	% Nature-Based	0





**REGION 4** 

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110	ou man	lagemen						
Title	Orange County Dr	ainage District Floo	d Warning System					
ID#	042000003 Spor	nsor Orange (Coun	ty)		REGIO	NAL FLOOD PLANNIN	G GROUP	
RFPG re	commend? Yes		Reason for Recommendation	Aligns with RFPG Go	als			
Strate	gy Details							
Strateg	y type	Flood Measure	ment and Warning					
Strateg	y description	Improvement o	of existing flood warning system					
Associa	ated FMEs	999999		Associate	d FMPs	999999		
Associa	ated FMSs	999999				Drainage area (mi², est.)	371	
Waters	hed HUC# (if know	vn) 120100051100	,120100051003,120100051004,1	20100051005				
						County	Orange	

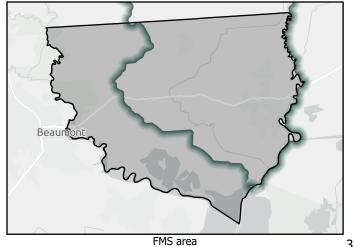
Goal(s) Goal 1: Increase number of monitoring gages and associated real time reporting technology installed and maintained in the region to 1 in 50% of HUC10s.

#### Existing 100-Year Flood Risk

Population at risk 26,881	· · · · ·			# of structures 16,974		Critical	facilities	276		
Flood risk type: Riverine?	Yes	Coastal? Ye	es	Local?	No	Playa?	No	Other?	No	
Farm/Ranch land impacted (a	cres) 17,17	'1		Roadway(s) i	mpacted (miles)	364				
Number of low water crossing	gs 22			Historical roa	ad closures	22				
Impacts	mpacts									
Negative impacts?	No	Negative impacts of	description	N/A	١					
Water supply contributions?	Water supply cont	supply contribution description None								

### **Estimated Cost**

Strategy Cost	\$150,000	Amount of available funding	Ş0	% Nature-Based	0





**REGION 4** 

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Title Orange County Detention Ponds Throughout County										
ID#	042000004 Spo	onsor Orange (Co	unty)	REGI	ONAL FLOOD PLANNIN	G GROUP				
RFPG re	commend? Yes		Reason for Recommendation	Aligns with RFPG Goals						
Strate	gy Details									
Strateg	y type	Infrastructur	e Projects							
Strateg	y type y description		e Projects ention ponds to prevent flooding al	long IH-10, Hwy 12, Hwy 62, a	and Hwy 87 – the County's ev	acuation routes.				
Strateg Strateg				long IH-10, Hwy 12, Hwy 62, a Associated FMPs		acuation routes.				
Strateg Strateg Associa	y description	Series of det			999999					
Strateg Strateg Associa Associa	y description	Series of det 999999 999999		Associated FMPs		acuation routes.				

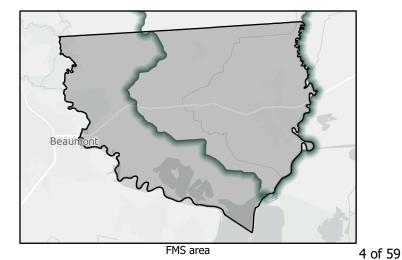
Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.

### Existing 100-Year Flood Risk

Population at risk 26,881	· · · · ·				16,974		Critical facilities 276		276			
Flood risk type: Riverine?	Yes	Coastal?	Yes	Local?	No		Playa?	No		Other?	No	
Farm/Ranch land impacted (a	cres) 17,17	1		Roadway(s) impacted (miles)			364					
Number of low water crossing			Historical road closures			22						
Impacts												
Negative impacts?	s description	N	/A									
Water supply contributions?	Water supply co	supply contribution description None										

### **Estimated Cost**

Strategy Cost	\$44,000,000	Amount of available funding	\$0	% Nature-Based	0





Regional view of FMS area

**REGION 4** 

Title
Van Zandt County Wide Floodplain Development Regulations

ID#
042000005

Sponsor
Van Zandt (County)

REGIONAL FLOOD PLANNING GROUP
Reason for Recommendation
Aligns with RFPG Goals
Strategy Details

**REGION 4** 

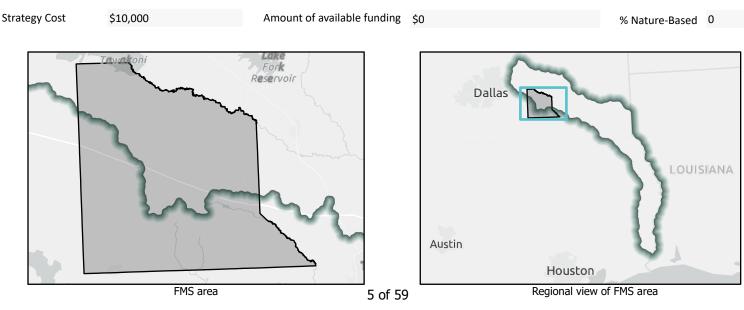
#### Strategy type **Regulatory and Guidance** Strategy description Incorporate higher standards for flood hazard resiliency in local application of the building code. Associated FMEs 999999 Associated FMPs 999999 Associated FMSs 999999 Drainage area (mi<sup>2</sup>, est.) 856 120100010407, 120100010502, 120100010503, 120100010501, Watershed HUC# (if known) 120100010504, 120100010603, 120100010601, 120100010507, County Van Zandt

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 1,471		# of structure	es 1,080	1,080			Critical facilities 13			
Flood risk type: Riverine	? Yes	Coastal? No	Loc	al?	No	Playa?	No	01	ther?	No
Farm/Ranch land impacted (	acres) 26	,372	Roadw	Roadway(s) impacted (miles) 79						
Number of low water crossin	ngs 9		Histori	Historical road closures						
Impacts										
Negative impacts?	No	Negative impacts descript	ion	N/A						
Water supply contributions?	Water supply contribution	descriptior	escription None							

#### **Estimated Cost**



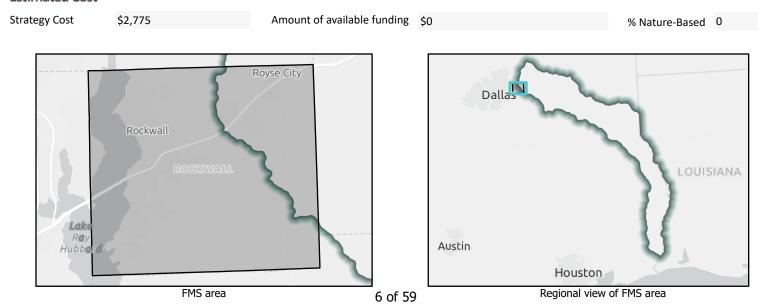
			0		07 (				
Title	Rockwall Cou	ntywide	Flood Awarer	ness Program					NE
ID#	042000006	Sponso	Rockwall (Co	ounty)			REGI	ONAL FLOOD PLAN	NING GROUP
RFPG re	commend?	Yes		Reason for Reco	mmendatio	on Aligns w	ith RFPG Goals		
Strate	egy Details								
Strateg	gy type		Education an	d Outreach					
Strateg	y description							n Rockwall County resid nd societal benefits of flo	lents/businesses about the ooding.
Associa	ated FMEs		999999				Associated FMPs	999999	
Associa	Associated FMSs		999999					Drainage area (mi², e	est.) 148
Waters	shed HUC# (if l	known)	12010001030	)1, 120100010302					30.7 140
								County	Rockwall

**REGION 4** 

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.

#### Existing 100-Year Flood Risk

Population at risk 673	opulation at risk 673			191			cilities 0			
Flood risk type: Riverine?	Yes	Coastal? No	Loca	I? No		Playa?	No	Other?	No	
Farm/Ranch land impacted (a	acres) 3,040		Roadwa	Roadway(s) impacted (miles)						
Number of low water crossin	gs 11		Historic	al road closures	5	11				
Impacts										
Negative impacts?	No	Negative impacts descrip	tion	N/A						
Water supply contributions?	No	Water supply contribution	n description	None						
Estimated Cost	Estimated Cost									



		•					
Title	Orange Count	y Emergency Res	ponse Staging Area	Ú			
ID#	042000008	Sponsor Orange	County Drainage District	REGI	ONAL FLOOD PLANNIN	G GROUP	
RFPG re	commend? Y	es	Reason for Recommendation	Aligns with RFPG Goals			
Strate	gy Details						
Strateg	y type	Other					
Strateg	y description	Staging A	Area and "lily pads" for use during disa	ster events.			
Associa	ated FMEs	999999		Associated FMPs	999999		
Associa	ated FMSs	999999			Drainage area (mi <sup>2</sup> est )	271	
Waters	hed HUC# (if k	nown) 1201000	51005,120100051004,120100051100,	120100051003	Drainage area (mi², est.)	371	

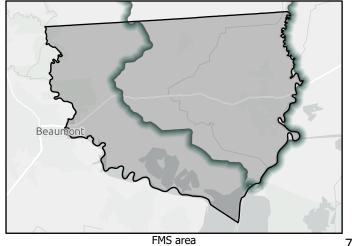
Goal(s) Goal 1: Increase number of communities with documented, operational and funded stormwater asset management plan and maintenance operations to 50%.

#### Existing 100-Year Flood Risk

Population at risk 26,881			# o	# of structures		16,974		Critical facilities		276		
Flood risk type: Riverine?	Ye	S	Coastal?	Yes	Local	?	No	Playa?	No		Other?	No
Farm/Ranch land impacted (a	cres)	17,171			Roadway	/(s) im	pacted (miles)	364				
Number of low water crossing			Historical road closures			22						
Impacts												
Negative impacts?	No	Ne	gative impact	s description		N/A						
Water supply contributions?	No	Wa	ater supply co	ntribution de	scription	None						

### **Estimated Cost**

Charles and Carat	44.0.000		4.4		-
Strategy Cost	\$10,000	Amount of available funding	ŞO	% Nature-Based	0





County

**REGION 4** 

Orange

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itle Orange County Eleva	ition of Reside	ntial Structures Program			
042000009 Sponso	or Orange Cou	nty Drainage District	REGI	ONAL FLOOD PLANNIN	G GROUP
FPG recommend? Yes		Reason for Recommendation	Aligns with RFPG Goals		
Strategy Details					
trategy type	Property Acc	uisition and Structural Elevation			
		uisition and Structural Elevation levation of homes within Floodplai	ins throughout County.		
			ins throughout County.		
trategy description			ins throughout County. Associated FMPs	999999	
trategy type trategy description Associated FMEs Associated FMSs	Program to e				371
trategy description	Program to e 9999999 999999		Associated FMPs	999999 Drainage area (mi², est.)	371

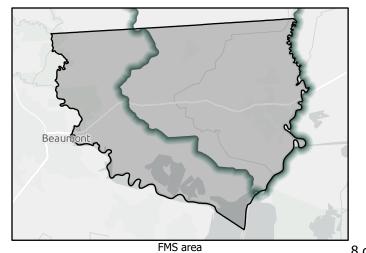
Existing 100-Year Flood Risk

10% of structures.

0											
Population at risk 26,881		# of structures	# of structures 16,974			Critical	Critical facilities 276				
Flood risk type: Riverine?	Yes	Coastal? Yes	Loca	al?	No	Playa?	No		Other?	No	
Farm/Ranch land impacted (a	acres) 17,17	1	Roadwa	ay(s) im	pacted (miles)	364					
Number of low water crossing	gs 22		Historic	Historical road closures							
Impacts											
Negative impacts?	Negative impacts? No Negative impacts description			N/A							
Water supply contributions? No Water supply contribution de			description	None							

### **Estimated Cost**

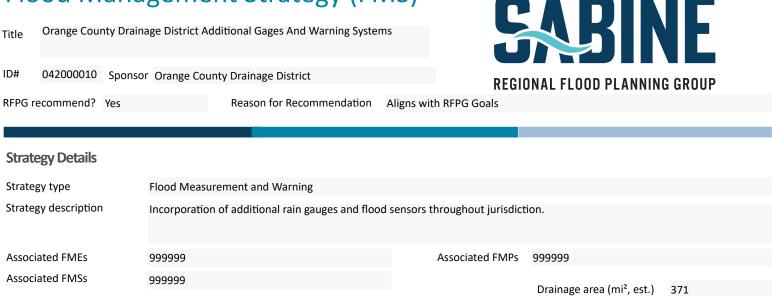
Strategy Cost	\$50,000	Amount of available funding	\$0	% Nature-Based	0





**REGION 4** 

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Watershed HUC# (if known) 120100051003,120100051004,120100051005,120100051100

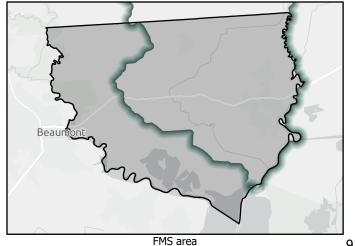
Goal(s) Goal 1: Increase number of monitoring gages and associated real time reporting technology installed and maintained in the region to 1 in 50% of HUC10s.

#### Existing 100-Year Flood Risk

Population at risk 26,881	# of	# of structures		16,974		Critical facilities 27		276				
Flood risk type: Riverine?	Yes	Coastal?	Yes	Local?	No		Playa?	No		Other?	No	
Farm/Ranch land impacted (a	cres) 17,17	1		Roadway(s	) impacted (m	niles)	364					
Number of low water crossing			Historical road closures			22						
Impacts												
Negative impacts?	No	Negative impact	s description	N	/A							
Water supply contributions?	No	Water supply co	ntribution de	escription N	one							

#### **Estimated Cost**

Strategy Cost	\$200,000	Amount of available funding	\$0	% Nature-Based	0





County

**REGION 4** 

Orange

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Title	City of Edge	wood Em	ergency Sirer	n Program	1					
ID#	042000011	Sponsor	Edgewood	(Municip	ality)		RFI	GION	AL FLOOD PLANNIN	IG GROUP
RFPG re	commend?	Yes		Reas	on for Recommendation	Aligns wit	h RFPG Goals	aron		
Strate	gy Details									
Strateg	y type		Flood Measu	urement	and Warning					
Strateg	y descriptior	l	Purchase an	d install o	outdoor warning sirens.					
Associa	ited FMEs		999999				Associated FMP	Ps 9	99999	
Associa	ted FMSs		999999							
				02 1201	00010504			1	Drainage area (mi², est.)	1
Waters	hed HUC# (if	known)	1201000105	02, 1201	00010504					
								County	Van Zandt	

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 2	22		# c	of structures	27			Critical	facilities	0		
Flood risk type:	Riverine?	Yes	Coastal?	No	Local	?	No	Playa?	No	(	Other?	No
Farm/Ranch land ir	mpacted (ac	res) 29			Roadway	/(s) im	pacted (miles)	1				
Number of low wat	ter crossings	0			Historica	l road	closures	0				
Impacts			Nertin			NI / A						
Negative impacts?				impacts description N/A								
Water supply contr	ributions? N	lo	Water supply co	ontribution de	escription	None						
Estimated Cost												
Strategy Cost	\$10,000		Amo	ount of availa	ble funding	g \$0				% Natı	ure-Based	0
	5-5	<u>~~</u>			7	ſ	Dallas	(				





**REGION 4** 

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			•		0, .					
Title	City of Edgew	vood Floo	od Infrastruct	ure Maintenance						
ID#	042000012	Sponsor	Edgewood (	Municipality)			REGI	ONAL FLOOD PLANNIN	G GROUP	
RFPG re	ecommend?	Yes		Reason for Reco	ommendation	Aligns wit	h RFPG Goals			
Strate	egy Details									
Strateg	gy type		Other							
Strateg	y description		Adopt and in	nplement a program	n for clearing de	ebris from b	oridges, drains, and	culverts		
Associa	ated FMEs		999999				Associated FMPs	999999		
Associa	ated FMSs		999999					Drainage area (mi <sup>2</sup> est)	1	
Waters	shed HUC# (if	known)	1201000105	02,120100010504				Drainage area (mi <sup>2</sup> , est.)	1	

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 22		# of structures 2	27		Critical fa	acilities 0		
Flood risk type: Riverine?	Yes Coasta	I? No	Local?	No	Playa?	No	Other?	No
Farm/Ranch land impacted (acre	s) 29	R	Roadway(s) im	pacted (miles)	1			
Number of low water crossings	0	H	Historical road	closures	0			
Impacts								
Negative impacts? No	Negative imp	acts description	N/A					
Water supply contributions? No	Water supply	contribution descr	ription None					
Estimated Cost								
Strategy Cost \$100,000	ļ	mount of available	e funding \$0			% N	lature-Based	0
				Dallas	(			



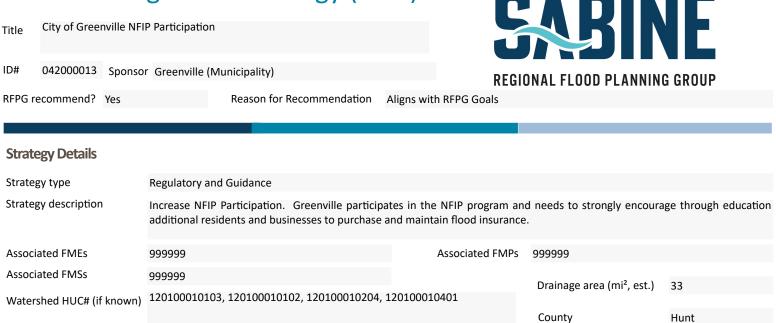


County

**REGION 4** 

Van Zandt

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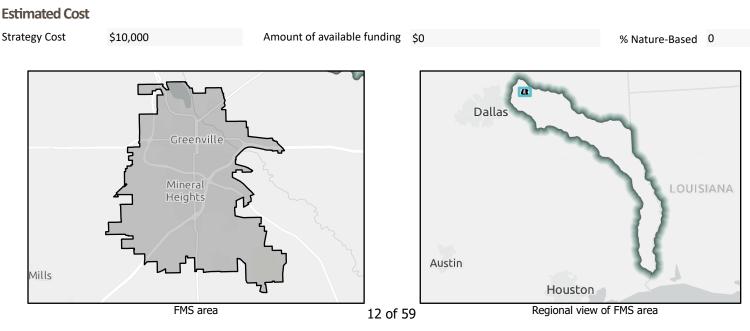
**REGION 4** 

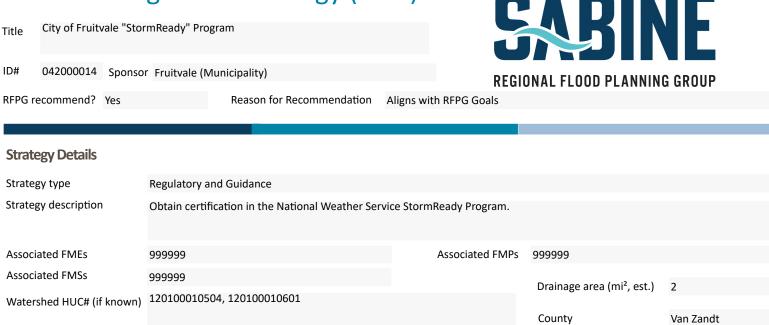
Goal(s) Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis. Goal 2: Increase number of communities with a comprehensive drainage policy and criteria manuals to reduce flood hazard encouragement and education to include 75% of the region's population.

#### **Existing 100-Year Flood Risk**

Population at risk 5,509	# c	# of structures		429			Critical facilities 28				
Flood risk type: Riverine?	Yes	Coastal?	No	Local?	No		Playa?	No		Other?	No
Farm/Ranch land impacted (a	cres) 1,	,339		Roadway	(s) impacted	(miles)	26				
Number of low water crossing	gs O			Historical	road closure	es	0				
Impacts											
Negative impacts?	No	Negative impac	ts description	. I	N/A						
Water supply contributions? No Water supply contribution			ontribution de	escription	None						

#### **Estimated Cost**





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 12	# of structures	4	Critical facilities	0
Flood risk type: Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres) 127		Roadway(s) impacted (miles)	2	
Number of low water crossings 0		Historical road closures	0	
Impacts				
Negative impacts? No Ne	gative impacts description	N/A		
Water supply contributions? No Wa	ater supply contribution de	scription None		
Strategy Cost \$10,000	Amount of availa	ble funding \$0	~	% Nature-Based 0
Fruitvale		Dallas	Houston	LOUISIANA

FMS area

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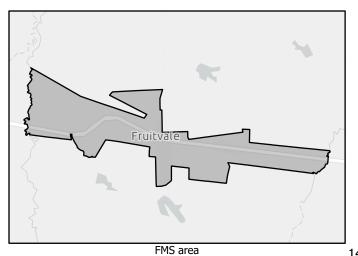
Regional view of FMS area

**REGION 4** 

le City of Fruitvale Flood	d Emergency Notification System			
# 042000015 Sponso	r Fruitvale (Municipality)	REGI	DNAL FLOOD PLANNIN	G GROUP
PG recommend? Yes	Reason for Recommendation	Aligns with RFPG Goals		
trategy Details				
rategy type	Flood Measurement and Warning			
rategy description	Implement and enhance an area-wide telephone	Emergency Notification Syst	em ("Reverse 911").	
ssociated FMEs	999999	Associated FMPs	999999	
ssociated FMSs	999999		Drainage area (mi², est.)	2
/atershed HUC# (if known)	120100010504, 120100010601			2
			County	Van Zandt
oal(s) Goal 1: Increase nu	mber of monitoring gages and associated real time	e reporting technology install	ed and maintained in the reg	gion to 1 in 50% of

#### **Existing 100-Year Flood Risk**

Population at risk 12				# of	structures	s 4			Criti	cal facilities					
Flood risk type: F	Riverine?	Yes	Co	astal?	No	Loca	?	No	Playa?	No		Other?	No		
Farm/Ranch land imp	pacted (acr	es) 127				Roadwa	y(s) in	npacted (miles)	2						
Number of low water	ber of low water crossings 0					Historica	al road	d closures	0	0					
Impacts       Negative impacts?     No       Negative impacts description     N/A															
Water supply contrib	utions?	lo	Water su	pply cor	ntribution de	escription	None	9							
Estimated Cost															
Strategy Cost \$10,000 Amount of available			unt of availa	lable funding \$0					% Na	ture-Based	0				





**REGION 4** 

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120100010608, 120100010607



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.

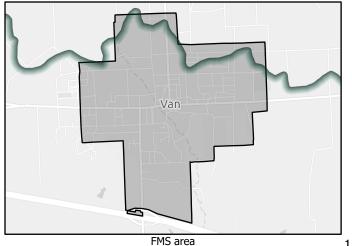
### Existing 100-Year Flood Risk

Watershed HUC# (if known)

Population at risk 0		# o	# of structures		0			Critical facilities 0			
Flood risk type: Riverine?	Yes	Coastal?	No	Local	?	No	Playa?	No		Other?	No
Farm/Ranch land impacted (a	cres) 0		Roadway			ay(s) impacted (miles) 0					
Number of low water crossing	s O			Historica	l road	closures	0				
Impacts											
Negative impacts?	Negative impact	Negative impacts description			N/A						
Water supply contributions? No Water supply contribu				escription	None						

#### **Estimated Cost**

Strategy Cost\$10,000Amount of available funding\$0% Nature-Based0



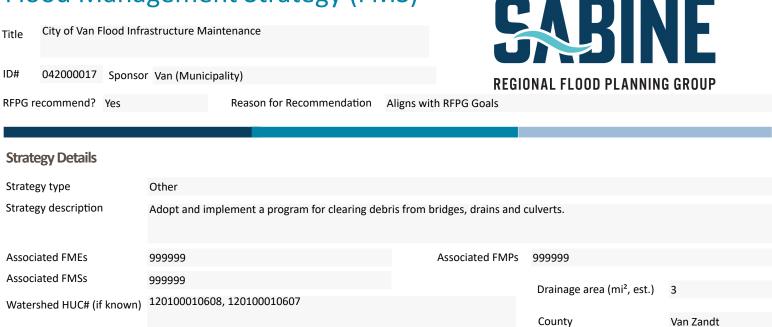


County

**REGION 4** 

Van Zandt

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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 0	# of structures		0			Critical facilities 0					
Flood risk type: Riverine?	Yes	Coastal?	No	Local	?	No	Playa?	No		Other?	No
Farm/Ranch land impacted (a	cres) 0		Roadway			dway(s) impacted (miles) 0					
Number of low water crossing	gs O			Historica	I road	closures	0				
Impacts											
Negative impacts?	Negative impact	ts description	I	N/A							
Water supply contributions? No Water supply contribution de				escription	None						

#### **Estimated Cost**

Strategy Cost\$50,000Amount of available funding\$0% Nature-Based0





**REGION 4** 

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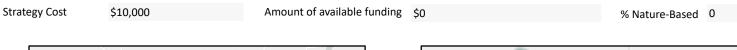
			0		57 (							
Title	City of Grand	Saline "S	StormReady" Prog	ram					5	N	Ľ	
ID#	042000018	Sponsor	Grand Saline (M	unicipality)			RE	GIONAL F	LOOD PLAN	NING G	ROUP	
RFPG re	commend?	Yes	I	Reason for Recom	mendation	Aligns wit	h RFPG Goals					
Strate	egy Details											
Strateg	gy type		Regulatory and G	uidance								
Strateg	y description		Obtain certificatio	on in the National	Weather Se	rvice StormF	Ready Program.					
Associa	ated FMEs		999999				Associated FMF	Ps 999999	)			
Associa	ated FMSs		999999					Draina	$m_{\rm c} = 100  (m_{\rm c}^2  {\rm o})$	st.) 2		
Waters	hed HUC# (if	known)	120100010601, 1	20100010605				Didifia	age area (mi², e	si.) Z		
								Count	у	Va	n Zandt	

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 178	# of structures		82			Critical facilities 1					
Flood risk type: Riverine?	Yes	Coastal?	No	Local?	No		Playa?	No		Other?	No
Farm/Ranch land impacted (a	cres) 24		Roadwa			way(s) impacted (miles) 2					
Number of low water crossing	gs O			Historical r	oad closures		0				
Impacts											
Negative impacts?	Negative impact	ts description	N	N/A							
Water supply contributions? No Water supply contribution				escription N	one						

#### **Estimated Cost**







**REGION 4** 

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			-				
Title	City of Gran	d Saline F	lood Infrastructure Ma	intenance		<b>S</b> SINE	
ID#	042000019	Sponsor	Grand Saline (Munici	pality)	DEC	IONAL FLOOD PLANNING GROUP	
						IIONAL I LOOD FLANNING GROOF	
RFPG re	commend?	Yes	Reaso	on for Recommendation	Aligns with RFPG Goals		
Strate	gy Details						
Strateg	y type		Other				
Ctratag	. docorintion			<b>6</b> 1 1 1			
Strateg	y description	I	Adopt and implement	a program for clearing de	bris from bridges, drains, ar	id culverts	
Associa	ated FMEs		999999		Associated FMP	s 999999	

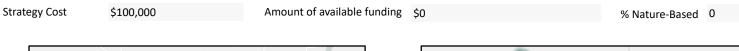
Associated FMSs	999999		
	555555	Drainage area (mi², est.)	2
	120100010001	Dramage area (init, est.)	2
Watershed HUC# (if known)	120100010601,		
		County	Van Zandt

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 178	# of structures		82			Critical facilities 1					
Flood risk type: Riverine?	Yes	Coastal?	No	Local?	No	PI	laya?	No		Other?	No
Farm/Ranch land impacted (a	icres) 24			Roadway(s) impacted (miles) 2							
Number of low water crossin	gs O			Historical re	oad closures	0	)				
Impacts											
Negative impacts?	ts description	N	Ά								
Water supply contributions? No Water supply contribution c			ontribution de	lescription None							

### **Estimated Cost**







**REGION 4** 

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			0		07 (							
Title	City of Wills F	Point "Sto	ormReady" P	rogram					<b>S</b>			
ID#	042000020	Sponsor	Wills Point	(Municipality)			RE	GIONA	L FLOOD PL		G GROUP	
RFPG re	commend?	Yes		Reason for Reco	ommendation	Aligns with	n RFPG Goals					
Strate	gy Details											
Strateg	y type		Regulatory a	ind Guidance								
Strateg	y description		Obtain certi	fication in the Natior	nal Weather Ser	vice StormF	Ready Program.					
Associa	ted FMEs		999999				Associated FM	Ps 999	9999			
Associa	ted FMSs		999999						rainago aroa (m	$x^2 - act$	4	
Waters	hed HUC# (if	known)	1201000105	01, 120100010502				Dr	ainage area (m	n , est.)	4	
	·							Co	ounty		Van Zandt	

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 29	# of structures	12	Critical facilities	0
Flood risk type: Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres) 47		Roadway(s) impacted (miles)	0	
Number of low water crossings 0		Historical road closures	0	
Impacts				
Negative impacts? No N	egative impacts description	N/A		
Water supply contributions? No W	ater supply contribution de	scription None		
Strategy Cost \$10,000	Amount of availa	ble funding \$0		% Nature-Based 0
Wills Point		Dalla	5	LOUISIANA

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FMS area

Regional view of FMS area

Houston

**REGION 4** 

					07 (	· ·			
Title	City of Wills P	oint Floo	od Emergenc	y Notification Sy	stem				
ID#	042000021	Sponsor	Wills Point	(Municipality)			REGI	ONAL FLOOD PLANNIN	G GROUP
RFPG re	commend?	ſes		Reason for F	Recommendation	Aligns witl	h RFPG Goals		
Strate	gy Details								
Strateg	y type		Flood Meas	urement and Wa	rning				
Strateg	y description		Implement a	and enhance an a	area-wide telephor	ne Emergeno	cy Notification Sys	tem ("Reverse 911").	
Associa	ited FMEs		999999				Associated FMPs	999999	
Associa	ted FMSs		999999					Drainage area (mi², est.)	4
Waters	hed HUC# (if l	known)	1201000105	501, 1201000105	02			Dialilage area (iiii , est.)	4
								County	Van Zandt
Goal(s)	Goal 1: Incre HUC10s.	ease nun	nber of mon	itoring gages and	associated real tir	me reporting	g technology instal	lled and maintained in the reg	gion to 1 in 50% of

Goal 2: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

### Existing 100-Year Flood Risk

Population at risk 29			# of structures		12	12		Critical facilities 0		)	
Flood risk type: F	Riverine?	Yes	Coastal?	No	Local?	No		Playa?	No	Other?	No
Farm/Ranch land imp	pacted (acr	res) 47			Roadway(s	) impacted (mil	les)	0			
Number of low water crossings 0					Historical r	oad closures		0			
Impacts Negative impacts? No Negative impacts description N/A											
Water supply contrib	utions? N	10	Water supply co	ntribution de	escription N	one					
Estimated Cost											
Strategy Cost	\$10,200		Amo	ount of availa	ble funding	\$0				% Nature-Based	0





**REGION 4** 

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		C		0/ (	· · ·				
Title	City of Wills P	oint Flood	d Infrastructure Maintenan	nce					
ID#	042000022	Sponsor V	Wills Point (Municipality)			REGIO	DNAL FLOOD PLANNIN	G GROUP	
RFPG re	ecommend? Y	ſes	Reason for	r Recommendation	Aligns wit	h RFPG Goals			
Strate	egy Details								
Strateg	gy type	0	Other						
Strateg	y description	A	dopt and implement a pro	ogram for clearing d	ebris from b	ridges, drains and c	culverts.		
Associa	ated FMEs	9	999999			Associated FMPs	999999		
Associa	ated FMSs	9	99999						
Waters	shed HUC# (if k	(nown) 1	20100010501, 120100010	)502			Drainage area (mi², est.)	4	

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	12	Critical facilitie	es 0
Flood risk type: Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres) 47		Roadway(s) impacted (miles)	0	
Number of low water crossings 0		Historical road closures	0	
Impacts				
Negative impacts? No Ne	egative impacts description	N/A		
Water supply contributions? No Wa	ater supply contribution de	scription None		
Estimated Cost Strategy Cost \$51,000	Amount of availa	ble funding \$0		% Nature-Based 0
Wills Point		Dalla Austin	Houston	LOUISIANA

FMS area

Regional view of FMS area

County

**REGION 4** 

Van Zandt

<sup>21</sup> of 59

			0		07 (				
Title	City of Wills Po	oint Floo	od Awareness	Program					
ID#	042000023	Sponsor	Wills Point (	Municipality)			REGI	ONAL FLOOD PLANN	ING GROUP
RFPG re	commend? Ye	es		Reason for Reco	ommendation	Aligns wi	th RFPG Goals		
Strate	gy Details								
Strateg	y type		Education an	d Outreach					
Strateg	y description			munity on the dan 't Drown" Program.	0	ater crossin	gs through the ins	tallation of warning signs	and promotion of "Turn
Associa	ted FMEs		999999				Associated FMPs	999999	
Associa	ted FMSs		999999					Drainage area (mi², est.	) 4
Waters	hed HUC# (if k	nown)	12010001050	01, 120100010502					, -
								County	Van Zandt

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: Install warning signage at 100% of identified low water crossings in the floodplain and coordinate with TxDOT where applicable.

#### Existing 100-Year Flood Risk

Wills Point

FMS area

Population at risk 29		# of structures	12	Critical facilities	0
Flood risk type: Riverine	? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted	acres) 47		Roadway(s) impacted (miles)	0	
Number of low water crossi	igs O		Historical road closures	0	
Impacts Negative impacts?		gative impacts description			
Water supply contributions?	No Wa	ter supply contribution de	escription None		
Estimated Cost					
Strategy Cost \$10,2	00	Amount of availa	ble funding \$0		% Nature-Based 0
			Dalla	s contraction of the second se	



Austin

Regional view of FMS area

Houston

LOUISIANA

**REGION 4** 

Title	•		ess Improver							
	City of Fate	Flood Ac	cess Improve	ment						
ID#	042000024	Snonso	r Fate (Muni	cipality)						
	012000021	Sponso		sipantyj			REGIO	)NAL FLOOD F	PLANNING GR	OUP
RFPG re	commend?	Yes		Reas	on for Recommendation	Aligns with RFPG	Goals			
Strate	egy Details									
Strateg	gy type		Regulatory a	nd Guida	ince					
Strateg	y descriptior	1		• •	access roads to existing construction	neighborhoods wh	ere possibl	e/enforce two er	ntry/access road	requirements in

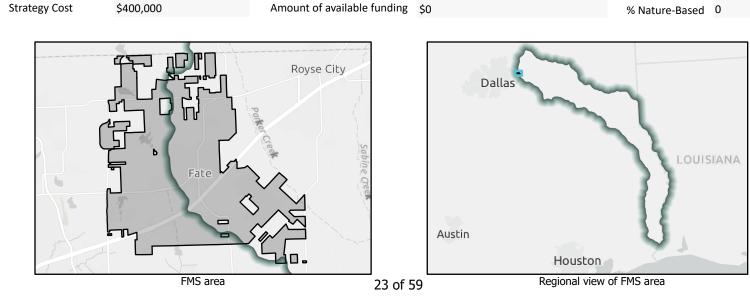
**REGION 4** 

ASSOCIATED FIVIES	333333	Associated FIVIPS	999999	
Associated FMSs	999999			
	555555		Drainage area (mi², est.)	12
Watershed HUC# (if known)	120100010301			
			County	Rockwall

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 128		# of structures	21			Critical	facilities	0		
Flood risk type: Riverine?	Yes	Coastal? No	Loca	?	No	Playa?	No		Other?	No
Farm/Ranch land impacted (a	acres) 164		Roadwa	y(s) im	pacted (miles)	3				
Number of low water crossing	gs 1		Historica	al road	closures	1				
Impacts	No	N								
Negative impacts?	No	Negative impacts description		N/A						
Water supply contributions?	No	Water supply contribution de	scription	None						
stimated Cost										



Fate

FMS area

Title	City of Fate	Flood Infi	rastructure Mai	ntenance		<b>A</b> BIN	Ł
ID#	042000025	Sponso	r Fate (Municip	pality)	REGI	ONAL FLOOD PLANNING G	ROUP
RFPG re	commend?	Yes		Reason for Recommendation	Aligns with RFPG Goals		
Strate	gy Details						
Strateg	y type		Other				
Strateg	y descriptior	I	Develop and in	nplement a county-wide pre-disa	ster debris removal and moni	toring contracts	
Associa	ated FMEs		999999		Associated FMPs	999999	
Associa	ated FMSs		999999				

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**

Watershed HUC# (if known) 120100010301

-				
Population at risk 128	# of structures	21	Critical facilities	0
Flood risk type: Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres) 164		Roadway(s) impacted (miles)	3	
Number of low water crossings 1		Historical road closures	1	
Impacts				
Negative impacts? No Ne	egative impacts description	N/A		
Water supply contributions? No Wa	ater supply contribution de	scription None		
Estimated Cost				
Strategy Cost \$100,000	Amount of availab	ble funding \$0		% Nature-Based 0
	Royse City	Dalla	s s s s s s s s s s s s s s s s s s s	LOUISIANA

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Austin

Regional view of FMS area

Houston

Drainage area (mi<sup>2</sup>, est.)

County

**REGION 4** 

12

Rockwall

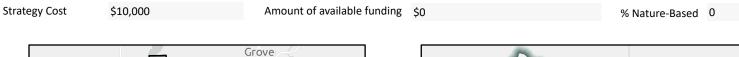
Title City of Gladewater Flood Awareness Program   ID# 042000026   \$ponsor Gladewater (Municipality)   RFPG recommend? Yes   Reason for Recommendation Aligns with RFPG Goals    Strategy Details   Strategy Upe Education and Outreach   Strategy description Develop and implement a public education campaign to inform the public about mitigation actions they can take to make their family and how safer. Put information and links to outside resources on city websites and facebook pages.   Associated FMEs 999999   Associated FMSs 999999   Associated FMSs 999999   Watershed HUC# (if known) 120100020402, 120100020403, 120100020405				0		0/ (						
Regional Flood Regions       Reason for Recommendation       Aligns with RFPG Goals         Strategy Details       Education and Outreach       Strategy description       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.         Associated FMEs       99999       Associated FMFs       99999         Associated FMSs       999999       Associated FMPs       999999         Matershed HUC# (if known)       120100020403, 120100020405       120100020405, 120100020405	Title	City of Gladew	vater Flo	ood Awareness Program							NC.	
RFPG recommend? Yes     Reason for Recommendation     Aligns with RFPG Goals       Strategy Details     Strategy Details       Strategy type     Education and Outreach       Strategy description     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 eresources on city websites and facebook pages.       Associated FMEs     99999       Associated FMSs     99999       Matershed HUC# (if known)     12010020403, 12010020405	ID#	042000026	Sponsor	Gladewater	r (Municipality)			REG				
Strategy type       Education and Outreach         Strategy description       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.         Associated FMEs       999999         Associated FMSs       999999         Watershed HUC# (if known)       12010020403, 12010020405	RFPG re	commend? Y	'es		Reason for Reco	mmendation	Aligns w		IUNALILU			
Strategy type       Education and Outreach         Strategy description       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.         Associated FMEs       999999         Associated FMSs       999999         Watershed HUC# (if known)       12010020403, 12010020405												
Strategy description       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.         Associated FMEs       999999         Associated FMSs       999999         Watershed HUC# (if known)       12010020403, 12010020405	Strate	gy Details										
Associated FMEs       999999       Associated FMPs       999999         Associated FMSs       999999       Drainage area (mi <sup>2</sup> , est.)       12         Watershed HUC# (if known)       12010020403, 12010020403       12       12	Strateg	y type		Education and Outreach								
Associated FMSs 999999 Watershed HUC# (if known) 120100020402, 120100020403, 120100020405 Drainage area (mi <sup>2</sup> , est.) 12	Strategy description			•	• •			•	0			nake their
Watershed HUC# (if known)         120100020402, 120100020403, 120100020405         Drainage area (mi <sup>2</sup> , est.)         12	Associa	ated FMEs		999999				Associated FMPs 999999				
Watershed HUC# (if known) 120100020402, 120100020403, 120100020405	Associa	ated FMSs		999999					10			
County Gregg, Upshur	Waters	hed HUC# (if known		) 120100020402, 120100020403, 120100					Drainage a			
									County		Gregg, Ups	hur

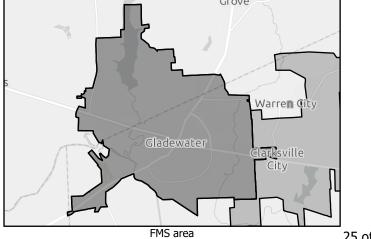
Goal(s) Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

#### Existing 100-Year Flood Risk

Population at risk 225		# o	# of structures 1		146			Critical facilities 0				
Flood risk type: Riverine?	Yes	Coastal?	No	Local?	No	F	Playa?	No		Other?	No	
Farm/Ranch land impacted (a	cres) 308			Roadway(s) impacted (miles)			4					
Number of low water crossing	gs O			Historical road closures			0					
Impacts Negative impacts? Water supply contributions?	No No	Negative impact Water supply co		/A one								

### **Estimated Cost**







**REGION 4** 

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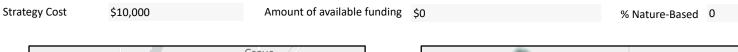
			0		07 (								
Title	City of Gladev	water Flo	ood Awarene	ss Program									
ID#	042000027	Sponsor	Gladewater	r (Municipality)			REGI	ONAL FLOOD P		GROUP			
RFPG re	ecommend? Y	ſes		Reason for Reco	mmendation	Aligns wit	h RFPG Goals			uneer			
Strate	egy Details												
Strate	gy type		Education and Outreach										
Strategy description			Develop and	l implement the "Tur	n Around, Don	't Drown Pr	ogram"						
Associated FMEs			999999				Associated FMPs	999999					
Associ	ated FMSs		999999					Drainage area (r	mi <sup>2</sup> oct )	12			
Water	shed HUC# (if k	known)	120100020402, 120100020403, 120100020405					Dialilage alea (i	m, est.)	12			
								County		Gregg, Upsh	ur		

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.

### Existing 100-Year Flood Risk

Population at risk 25	# o	# of structures		146			Critical facilities 0				
Flood risk type: Riverine?	Yes	Coastal?	No	Local?	No		Playa?	No		Other?	No
Farm/Ranch land impacted (a	cres) 308		Roadway(s) impacted (miles)			4					
Number of low water crossing	gs O		Historical road clo				0				
Impacts											
Negative impacts?	No	Negative impact	ts description	N	/A						
Water supply contributions?         No         Water supply contribution description         None											

### **Estimated Cost**







**REGION 4** 

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Title
City of Gladewater Flood Infrastructure Maintenance Program

ID#
042000028

Sponsor Gladewater (Municipality)

RFPG recommend? Yes
Reason for Recommendation
Aligns with RFPG Goals
Strategy Details
Strategy type
Other

Strategy description	Implement program to remove debris from drainage culverts when needed to alleviate potential flooding hazards							
Associated FMEs	999999	Associated FMPs	999999					
Associated FMSs	999999		Drainage area (mi², est.)	12				
Watershed HUC# (if known)	120100020402, 120100020403, 120100020405		Dialilage area (IIII , est.)	12				
			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 22	# c	of structures	146		Critica	Critical facilities 0						
Flood risk type: F	Riverine?	Yes	Coastal?	No	Local?	No	Playa?	No	Other?	No		
Farm/Ranch land imp	pacted (acr	es) 308			Roadway(s	) impacted (mile	s) 4					
Number of low wate	r crossings	0			Historical r	oad closures	0					
Impacts												
Negative impacts?	N	0	Negative impac	ts descriptior	n N,	/A						
Water supply contrib	outions? N	0	Water supply co	ontribution de	escription N	one						
Estimated Cost												
Strategy Cost	\$20,000		Am	ount of availa	ble funding	\$0			% Nature-Based	0		
~	ſ	7	Grove			Da	Illas	2				

Gladewater Clarksville City

FMS area



**REGION 4** 

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		Flood Awareness Program		0/ (							
litle	city of Gladev										
ID#	042000029	Sponsor	Gladewater	(Municipality)			REG	ONAL FLOOD P		G GROUP	
RFPG re	commend? Y	/es		Reason for Recor	mmendation	Aligns wit	h RFPG Goals				
Strate	gy Details										
Strateg	y type		Education ar	nd Outreach							
Strateg	y description		• • •	blement and promote ity websites and face	•	cation camp	oaign to encourage	e the public to regis	ster for the	Nixle warning sy	/stem;
Associa	ated FMEs		999999				Associated FMPs	999999			
Associa	ated FMSs		999999					Drainage area (I	mi². est.)	7	
Waters	hed HUC# (if k	(nown)	1201000204	05					,,		
								County		Gregg, Upshur	

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.

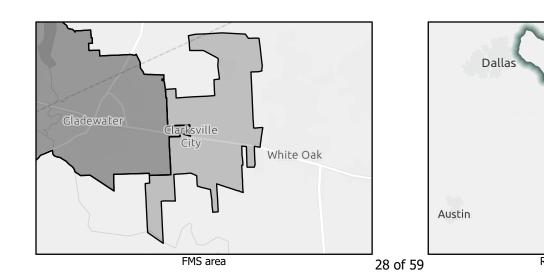
### Existing 100-Year Flood Risk

Strategy Cost

\$10,000

Population at risk 29	# of structures 2	25		Critical f	acilities 0					
Flood risk type: Riverine? Yes	Coastal? No	Local?	No	Playa?	No	Other?	No			
Farm/Ranch land impacted (acres) 118	F	Roadway(s) im	pacted (miles)	1						
Number of low water crossings 0	H	Historical road	closures	0						
Impacts										
Negative impacts? No Negative	ve impacts description	N/A								
Water supply contributions? No Water	supply contribution descr	ription None	!							
stimated Cost										

Amount of available funding \$0





% Nature-Based 0

**REGION 4** 

					0/ (							
Title	City of Kilgore	e "Storm	Ready" Progra	m							L	
ID#	042000030	Sponsor	Kilgore (Mur	nicipality)			REG	IONAL FL	DOD PLAN	NING G	ROUP	
RFPG re	commend?	/es		Reason for Recom	nmendation	Aligns wi	th RFPG Goals					
Strate	egy Details											
Strateg	gy type		Education and	d Outreach								
Strateg	y description			eness materials fror ntent on social media			-	ciation for d	istribution t	o the p	oublic. Post	public
Associa	ated FMEs		999999				Associated FMPs	s 999999				
Associa	ated FMSs		999999					<b>.</b> .	<i>(</i> .2			
Waters	shed HUC# (if k	(nown)	12010002050	6, 120100020405, 12	20100020502	, 12010002	20503	Drainage	e area (mi², e	st.) 19	)	
. aters								County		G	regg, Rusk	

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.

#### **Existing 100-Year Flood Risk**

Population at risk 870	Population at risk 870						Critical facilities 3				
Flood risk type: Riverine?	Yes	Coastal?	No	Local	?	No	Playa?	No		Other?	No
Farm/Ranch land impacted (a	cres) 96			Roadway	y(s) im	pacted (miles)	15				
Number of low water crossing	gs 3			Historica	al road	closures	3				
Impacts											
Negative impacts?	ts description	I	N/A								
Water supply contributions? No Water			ontribution de	escription	None	!					

#### **Estimated Cost**

Strategy Cost \$5,000 Amount of available funding \$0

ity Kilgore FMS area



% Nature-Based 0

**REGION 4** 

29 of 59

Title City of Kilgore Flood Infrastructure Inspection and Maintenance Program



RFPG recommend? Yes

Reason for Recommendation

Aligns with RFPG Goals

GAR

**REGIONAL FLOOD PLANNING GROUP** 

**REGION 4** 

Strategy Details				
Strategy type	Other			
Strategy description	Investigate the current condition of culverts, head	lwalls, and repairs to culvert	s and headwalls	
Associated FMEs	999999	Associated FMPs	999999	
Associated FMSs	999999			
Watershed HUC# (if known)	120100020502,120100020503,120100020506,120	0100020405	Drainage area (mi², est.)	19
watershed HOC# (II KHOWH)	, , , , , , , , , , , , , , , , , , , ,		County	Rusk

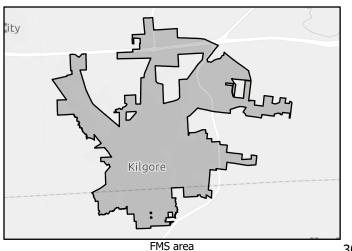
Goal(s) Goal 1: Increase number of communities with documented, operational and funded stormwater asset management plan and maintenance operations to 50%.

### Existing 100-Year Flood Risk

Population at risk 870	# of structures	296	facilities 3								
Flood risk type: Riverine? Yes	Coastal? No	Local? No	Playa?	No	Other?	No					
Farm/Ranch land impacted (acres) 96		Roadway(s) impacted (miles)	15								
Number of low water crossings 3		Historical road closures	3								
Impacts	mpacts										
Negative impacts? No	Negative impacts description	N/A									
Water supply contributions? No	Water supply contribution de	scription None									

#### **Estimated Cost**

Strategy Cost\$30,000Amount of available funding\$0% Nature-Based0





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Title City of Clarksville City Flood Infrastructure Inspection and Maintenance Program

ID# 042000033 Sponsor Clarksville City (Municipality)

RFPG recommend? Yes

Reason for Recommendation

REGIONAL FLOOD PLANNING GROUP
Aligns with RFPG Goals

GAR

**REGION 4** 

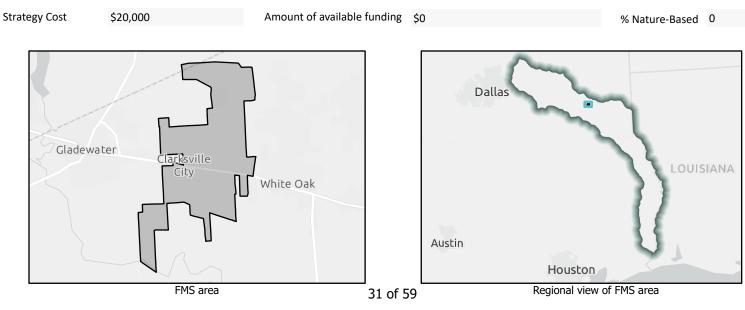
Strategy Details				
Strategy type	Other			
Strategy description	Monitor flood-prone areas and remove debris fro	m drainage culverts when n	eeded to alleviate potential fl	ooding hazards.
Associated FMEs	999999	Associated FMPs	999999	
Associated FMSs	999999			_
Watershed HUC# (if known)	120100020405		Drainage area (mi², est.)	7
			County	Gregg, Upshur

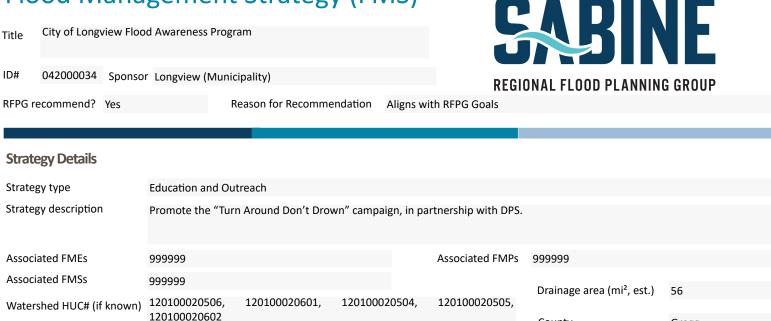
Goal(s) Goal 1: Increase number of communities with documented, operational and funded stormwater asset management plan and maintenance operations to 50%.

### Existing 100-Year Flood Risk

Population at risk 29			# o	f structures	25			Critical f	acilities 0		
Flood risk type: Riverine?	Yes	s (	Coastal?	No	Local?		No	Playa?	No	Other?	No
Farm/Ranch land impacted (a			Roadway(	(s) im	pacted (miles)	1					
Number of low water crossin	0			Historical	Historical road closures						
Impacts											
Negative impacts?	No	Negativ	ve impact	ts description	٦	N/A					
Water supply contributions? No Water supply contribution d				ontribution de	scription	None					
Estimated Cost											

#### **Estimated Cost**





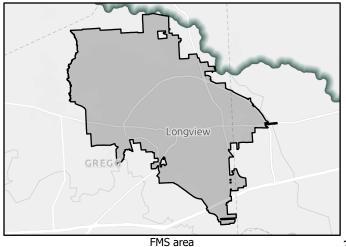
Goal(s) Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

### **Existing 100-Year Flood Risk**

Population at risk 10,126	Population at risk 10,126						Critical facilities 9					
Flood risk type: Riverine?	Yes	Coastal?	No	Local	?	No	Playa?	No		Other?	No	
Farm/Ranch land impacted (a	cres) 295			Roadway	y(s) im	pacted (miles)	41					
Number of low water crossing	gs O			Historical road closures			0					
Impacts												
Negative impacts?	ts description	1	N/A									
Water supply contributions? No Water supply contribution			ontribution de	escription	None							

#### **Estimated Cost**

Amount of available funding Strategy Cost \$10,000 \$0 % Nature-Based 0





County

**REGION 4** 

Gregg

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Title	City of Longview Flo	od Mitigation	Training Program		SINE
ID#	042000035 Sponso	or Longview (I	Municipality)	REGI	ONAL FLOOD PLANNING GROUP
RFPG re	ecommend? Yes		Reason for Recommendation	Aligns with RFPG Goals	
Strate	egy Details				
Strate	gy type	Regulatory a	ind Guidance		
Strate	gy description	Seek state a	nd FEMA sponsored training in floo	d mitigation for key personnel	
Associ	ated FMEs	999999		Associated FMPs	999999
Associ	ated FMSs	999999			

					Drainage area (mi², est.)	56
Watershed HUC# (if known)		120100020601,	120100020504,	120100020505,		
	120100020602				County	Gregg

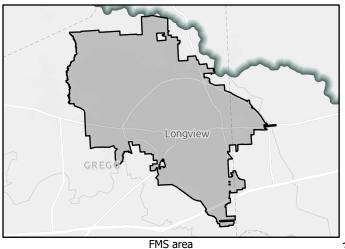
Goal(s) Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis. Goal 2: Increase number of communities with a comprehensive drainage policy and criteria manuals to reduce flood hazard encouragement and education to include 75% of the region's population.

### Existing 100-Year Flood Risk

Population at risk 10,126	Population at risk 10,126					Critical	Critical facilities 9			
Flood risk type: Riverine?	Yes	Coastal?	No	Local?	No	Playa?	No	Othe	er? No	)
Farm/Ranch land impacted (a	cres) 295			Roadway(s)	impacted (miles)	41				
Number of low water crossin	gs O			Historical ro	ad closures	0				
Impacts										
Negative impacts?	No	Negative impact	ts description	N/.	A					
Water supply contributions? No Water supply co			ontribution de	escription No	ne			9 Other? No		

### **Estimated Cost**

Strategy Cost\$2,000Amount of available funding\$0% Nature-Based0





**REGION 4** 

33 of 59

Longview Flood Mitigation Floodplain Development Regulations Title ID# 042000036 Sponsor Longview (Municipality) **REGIONAL FLOOD PLANNING GROUP** Aligns with RFPG Goals RFPG recommend? Yes Reason for Recommendation



**REGION 4** 

**Strategy Details** 

Strategy type	Regulatory and G	uidance				
Strategy description				prone areas by the a and revise ordinance	adoption and enforcement es, when needed.	of local ordinances to
Associated FMEs	999999			Associated FMPs	999999	
Associated FMSs	999999				Drainage area (mi², est.)	56
Watershed HUC# (if known)	120100020506,	120100020601,	120100020504,	120100020505,	Drainage area (IIII, est.)	50
	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.

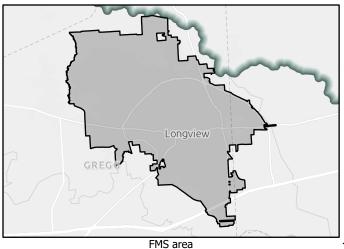
#### **Existing 100-Year Flood Risk**

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 (a	acres) 295		Roadway(s) i			pacted (miles)	(miles) 41				
Number of low water crossin	gs O		Histori			closures	0				
Impacts											
Negative impacts?	No	Negative impact	ts description		N/A						
Water supply contributions? No Water supply contribution				escription None							

#### **Estimated Cost**

Strategy Cost Amount of available funding \$0 \$0

% Nature-Based 0





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120100020602

Title City of	Longview On	line Flood Awarene	ss Program						
ID# 04200	0037 Spons	or Longview (Muni	cipality)			REGI	ONAL FLOOD PLANNIN	G GROUP	
RFPG recomm	end? Yes		Reason for Recomme	ndation Al	ligns with	RFPG Goals			
Strategy De	tails								
Strategy type		Education and Ou	ıtreach						
Strategy descr	ription		ocal websites to free ner and Community R		ning for i	ndependent stud	dy via the internet, such as	: 15-271 "Anticip	oatin
Associated FN	/IEs	999999			A	Associated FMPs	999999		
Associated FN	/ISs	999999					Drainage area (mi², est.)	56	
Watershed HU	JC# (if known	120100020506,	120100020601,	120100020	)504, 1	20100020505,		50	

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.

#### **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 (a	cres) 295		Roadway			ay(s) impacted (miles) 41					
Number of low water crossing	gs O			Historical	l road clos	ures	0				
Impacts											
Negative impacts?	No	Negative impact	egative impacts description			N/A					
Water supply contributions? No Water suppl			pply contribution description			None					

#### **Estimated Cost**

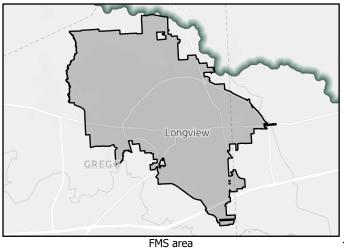
Strategy Cost \$0

Amount of available funding \$0

% Nature-Based 0

**REGION 4** 

Gregg





County

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Title	City of Long	view Regu	Ilatory Flood	Hazard Ma	o Program			INE
ID#	042000038	Sponsor	Longview (	Municipality	/)		REGIONAL FLOOD PLA	NNING GROUP
RFPG re	ecommend?	Yes		Reasor	for Recommendation	Aligns wit	th RFPG Goals	
Strate	egy Details							
Strateg	gy type		Regulatory a	and Guidand	e			
Strateg	gy description		Work with s	tate and fee	eral agencies to mainta	in current f	flood maps.	

Associated FMEs	999999			Associated FMPs	999999	
Associated FMSs	999999				Drainage area (mi², est.)	56
Watershed HUC# (if known)	120100020506, 120100020602	120100020601,	120100020504,	120100020505,	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

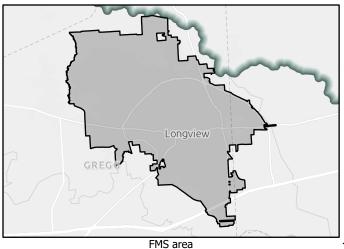
Population at risk 10,126			# of structures		1,379			acilities g	Ð		
Flood risk type: Riverine?	Yes	Coastal?	No	Local?	No		Playa?	No	Other?	No	
Farm/Ranch land impacted (a	cres) 295		Roadway			ay(s) impacted (miles) 41					
Number of low water crossing	gs O		Historica			es	0				
Impacts	No	Nagativa impact	e deceription		N1/A						
Negative impacts?	Negative impact	saescription		N/A							
Water supply contributions?	Water supply co	ntribution de	ibution description None								

#### **Estimated Cost**

Strategy Cost \$0 Amount of available funding \$0

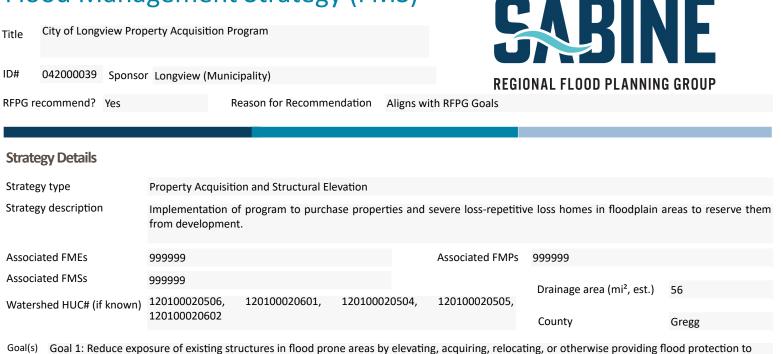
% Nature-Based 0

**REGION 4** 





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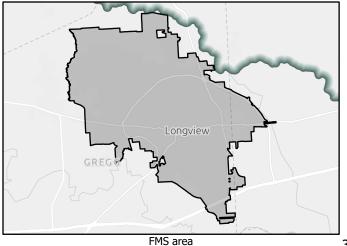
Existing 100-Year Flood Risk

10% of structures.

-										
Population at risk 10,126		# of	# of structures			Critica	facilities	9		
Flood risk type: Riverine?	Yes	Coastal?	No	Local?	No	Playa?	No	Other?	No	
Farm/Ranch land impacted (a	acres) 295			Roadway(s	ay(s) impacted (miles) 41					
Number of low water crossin	gs O				oad closures	0				
Impacts										
Negative impacts?	No	Negative impacts	s description	N,	/A					
Water supply contributions?	No	Water supply co	apply contribution description None							

**Estimated Cost** 

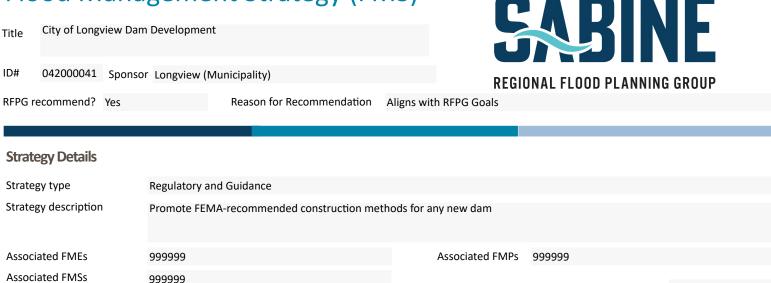
 Strategy Cost
 \$100,000
 Amount of available funding
 \$0
 % Nature-Based
 0





**REGION 4** 

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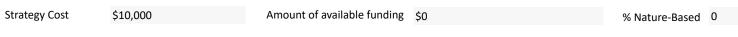
	555555				Drainage area (mi², est.)	56
Watershed HUC# (if known)	120100020506,	120100020601,	120100020504,	120100020505,		
	120100020602				County	Gregg

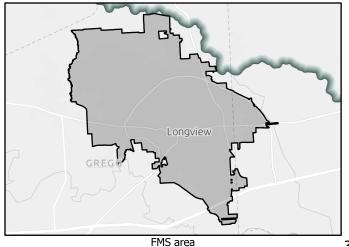
Goal(s) Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis. Goal 2: Increase number of communities with a comprehensive drainage policy and criteria manuals to reduce flood hazard encouragement and education to include 75% of the region's population.

#### Existing 100-Year Flood Risk

Population at risk 10,126	. ,			1,379			Critical facilities 9				
Flood risk type: Riverine?	Yes	Coastal?	No	Local?	No		Playa?	No		Other?	No
Farm/Ranch land impacted (a	cres) 295		Roadway			ay(s) impacted (miles) 41					
Number of low water crossing	gs O		Historica			l road closures 0					
Impacts											
Negative impacts?	s description	1	I/A								
Water supply contributions?	escription N	lone									

#### **Estimated Cost**







**REGION 4** 

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			J		07 (*	/				
Title	City of Hideaw	vay Flood	d Awareness	s Program						
ID#	042000042	Sponsor	Hideaway (	Municipa	ity)		RFG	IONAL FLOOD PLANNIN	G GROUP	
RFPG re	ecommend? Y	'es		Reas	on for Recommendation	Aligns wit	th RFPG Goals			
Strate	egy Details									
Strateg	gy type		Education a	nd Outrea	ch					
Strate	gy description		Conduct pul	blic outrea	ich to educate homeown	ers on flooc	I mitigation measu	ures for their homes.		
Associ	ated FMEs		999999				Associated FMPs	999999		
Associ	ated FMSs		999999							
Water	shed HUC# (if k	nown)	1201000201	102				Drainage area (mi², est.)	2	
								County	Smith	

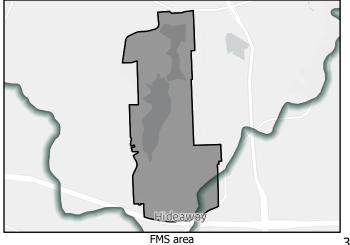
Goal(s) Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

#### Existing 100-Year Flood Risk

Population at risk 364		# o	# of structures		5 249		Critical facilities 0		0		
Flood risk type: Riverine?	Yes	Coastal?	No	Local	?	No	Playa?	No		Other?	No
Farm/Ranch land impacted (acr	es) 4			Roadway	ay(s) impacted (miles) 1						
Number of low water crossings		Н			closures	0					
Impacts											
Negative impacts? N	lo	Negative impact	s description	I	N/A						
Water supply contributions? No Water supply co			ntribution de	escription	None						

#### **Estimated Cost**

Strategy Cost\$10,500Amount of available funding\$0% Nature-Based0





**REGION 4** 

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FMS area

		0	87 (**	/				
Title	City of Hideawa	y Floodplain Devel	opment Regulations					
ID#	042000043 Sp	onsor Hideaway (	Municipality)		REGIO	DNAL FLOOD PLANNIN	G GROUP	
RFPG re	ecommend? Yes	;	Reason for Recommendation	Aligns with	RFPG Goals			
Strate	egy Details							
Strateg	gy type	Regulatory a	nd Guidance					
Strateg	y description	Mandate 2 F	T Freeboard on Hideaway Lakes Da	ims				
Associ	ated FMEs	999999			Associated FMPs	999999		
Associ	ated FMSs	999999					2	
Waters	shed HUC# (if kno	own) 1201000201	02			Drainage area (mi², est.)	2	

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.

County

### Existing 100-Year Flood Risk

Population at risk 364		# of structures	249		Critica	facilities	0		
Flood risk type: Riverine	? Yes	Coastal? No	Local?	No	Playa?	No	Other?	No	
Farm/Ranch land impacted (a	acres) 4		Roadway(s) ir	mpacted (miles)	1				
Number of low water crossin	gs O		Historical roa	d closures	0				
Impacts									
Negative impacts?	No	Negative impacts description	N/A						
Water supply contributions?	No	Water supply contribution de	scription Non	e					
Estimated Cost Strategy Cost \$10,00	00	Amount of availa	ble funding \$(	)			% Nature-Base	ed O	
				Dalla	s		Lot	JISIANA	

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Austin

Regional view of FMS area

Houston

**REGION 4** 

Smith

			0	07 (**	,				
Title	City of Hideav	vay Floo	d Awareness	Program					
ID#	042000044	Sponsor	Hideaway (N	Municipality)		REGI	ONAL FLOOD PLANNIN	G GROUP	
RFPG re	ecommend? Y	/es		Reason for Recommendation	Aligns with	RFPG Goals			
Strate	egy Details								
Strateg	gy type		Education an	nd Outreach					
Strate	gy description		Public Aware	eness of Evacuation Routes from risi	ng water fro	m dam failure.			
Associ	ated FMEs		999999		ŀ	Associated FMPs	999999		
Associ	ated FMSs		999999					•	
Waters	shed HUC# (if k	(nown)	12010002010	02			Drainage area (mi², est.)	2	
							County	Smith	

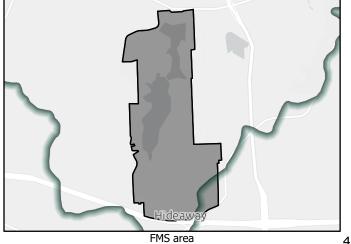
Goal(s) Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

### Existing 100-Year Flood Risk

Population at risk 364		# of structures	249			Critical facilities 0					
Flood risk type: Riverine?	Yes	Coastal? No	Loca	?	No	Playa?	No		Other?	No	
Farm/Ranch land impacted (a	cres) 4		Roadwa	y(s) im	pacted (miles)	1					
Number of low water crossing	gs O		Historical road closures			0					
Impacts											
Negative impacts?	No	Negative impacts description	า	N/A							
Water supply contributions?	Water supply contribution d	Vater supply contribution description									

### **Estimated Cost**

Strategy Cost\$10,500Amount of available funding\$0% Nature-Based0





**REGION 4** 

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999999

120100020102

FMS area

GABI F City of Hideaway Dam Reliability Program Title ID# 042000045 Sponsor Hideaway (Municipality) **REGIONAL FLOOD PLANNING GROUP** Aligns with RFPG Goals RFPG recommend? Yes Reason for Recommendation **Strategy Details** Strategy type Other Strategy description The city will remove trees from earthen dams on hideaway lakes #2 and #3 to mitigate erosion and assist with soil adhesion. Associated FMEs 999999 Associated FMPs 999999

Goal 1: Increase number of communities with documented, operational and funded stormwater asset management plan and maintenance

Fxisting	100-Year	Flood	Risk	
LAISLING	TOO-ICal	11000	I VI DIV	

operations to 50%.

Associated FMSs

Goal(s)

Watershed HUC# (if known)

Existing 100-Year Flood Risk				
Population at risk 364	# of structures	249	Critical facilities	0
Flood risk type: Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	4	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 de	scription None		
Estimated Cost Strategy Cost \$60,000	Amount of availa	ole funding \$0		% Nature-Based 0
	Hideaway	Dalla	Houston	LOUISIANA

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Regional view of FMS area

Drainage area (mi<sup>2</sup>, est.)

County

**REGION 4** 

2

Smith

			<b>J</b>	07 (**	/				
Title	City of Winona	Flood A	Awareness Pro	ogram		J			
ID#	042000046 S	ponsor	Winona (Mu	nicipality)		REGI	ONAL FLOOD PLANNIN		
RFPG re	commend? Ye	s		Reason for Recommendation	Aligns wit	h RFPG Goals			
Strate	gy Details								
Strateg	y type		Education and	l Outreach					
Strateg	y description		Conduct publ	c outreach to homeowners and re	sidents on	flood mitigation me	easures for their residents.		
Associa	ated FMEs	:	999999			Associated FMPs	999999		
Associa	ated FMSs	9	999999						
Waters	hed HUC# (if kn	own)	12010002010	7, 120100020303			Drainage area (mi², est.)	2	
vvaters		10 will)					County	Smith	

**REGION 4** 

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.

0								
Population at risk 8		# of structures	8		Critical	facilities 0		
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	O	Playa?	No	Other?	No
Farm/Ranch land im	pacted (acres) 26		Roadway(s) impa	cted (miles)	0			
Number of low wate	er crossings 0		Historical road cl	osures	0			
Impacts								
Negative impacts?	No	Negative impacts description	N/A					
Water supply contri	butions? No	Water supply contribution de	escription None					
Estimated Cost								
Estimated Cost								
Strategy Cost	\$104,000	Amount of availa	ble funding \$0				% Nature-Base	d 0
		Winona Bluff	A	Dallas	Ho	ouston		IISIANA
·	FMS	area			Regio	nal view of Fl	MS area	

Title City of Royse City Flo	oodplain Management Ordinances	JASINE
ID# 042000047 Sponso	or Royse City (Municipality)	REGIONAL FLOOD PLANNING GROUP
RFPG recommend? Yes	Reason for Recommendation	Aligns with RFPG Goals
Strategy Details		
Strategy type	Regulatory and Guidance	
Strategy description	Update Flood Prevention ordinance, adopting a "	no-rise" in Base Flood Elevation in the 100-year floodplain.
Associated FMEs	999999	Associated FMPs 999999
Associated FMSs	999999	Drainage area (mi², est.) 18
Watershed HUC# (if known)	120100010202, 120100010301, 120100010302	

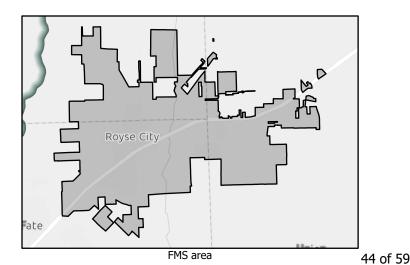
Goal(s) Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis. Goal 2: Increase number of communities with a comprehensive drainage policy and criteria manuals to reduce flood hazard encouragement and education to include 75% of the region's population.

### Existing 100-Year Flood Risk

Population at risk 424		# of structures	131		Critical	facilities	0			
Flood risk type: Riverine?	Yes	Coastal? No	Local?	No	Playa?	No	Other	? No		
Farm/Ranch land impacted (a	cres) 1,451		Roadway(s	s) impacted (miles	5) 19					
Number of low water crossing		Historical	road closures	8						
Impacts										
Negative impacts?	No	Negative impacts description	N	I/A						
Water supply contributions? No Water		Water supply contribution de	escription N	lone						

### **Estimated Cost**

Strategy Cost\$10,000Amount of available funding\$0% Nature-Based0





County

**REGION 4** 

Rockwall,

Collin,

			•		07 (	· ·					
Title	City of Royse	City "Sto	ormReady" Pro	ogram					5		
ID#	042000048	Sponsor	Royse City (I	Municipality)			REG	IONAL FLOO	D PLANNIN	G GROUP	
RFPG re	commend?	Yes		Reason for Reco	ommendation	Aligns wit	h RFPG Goals				
Strate	gy Details										
Strateg	y type		Regulatory ar	nd Guidance							
Strateg	y description		Achieve certi	fication by the Natio	onal Weather Se	ervice as a '	"StormReady" Co	ommunity.			
Associa	ated FMEs		999999				Associated FMPs	999999			
Associa	ated FMSs		999999					Destaura	····· (····;2 · ··· )	10	
Waters	hed HUC# (if	known)	12010001020	02, 120100010301,	120100010302			Drainage a	rea (mi², est.)	18	
								County		Rockwall,	Collin,

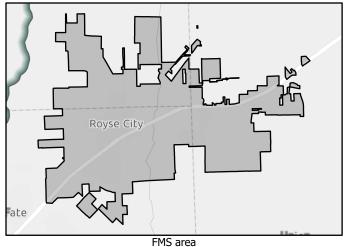
Goal(s) Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis. Goal 2: Increase number of communities with a comprehensive drainage policy and criteria manuals to reduce flood hazard encouragement and education to include 75% of the region's population.

### **Existing 100-Year Flood Risk**

Population at risk 424		# of structures	131			Critical	Critical facilities 0				
Flood risk type: Riverine?	Yes	Coastal? No	Local	l? No		Playa?	No	C	Other?	No	
Farm/Ranch land impacted (a	cres) 1,451		Roadway(s) impacted (miles)			19					
Number of low water crossing		Historical road closures			8						
Impacts											
Negative impacts?	No	Negative impacts description	ı	N/A							
Water supply contributions?	Water supply contribution de	supply contribution description None									

#### **Estimated Cost**

Strategy Cost \$10,000 Amount of available funding \$0 % Nature-Based 0





**REGION 4** 

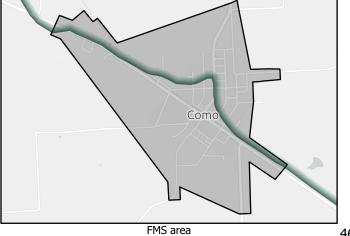
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			0		,			
Title	City of Como I	Flood Av	vareness Pro <sub>l</sub>	gram		Ĵ		
ID#	042000049	Sponsor	Como (Mun	icipality)		REGI	ONAL FLOOD PLANNIN	G GROUP
RFPG re	ecommend? Y	'es		Reason for Recommendation	Aligns with RFP	G Goals		
Strate	egy Details							
Strateg	gy type		Education an	d Outreach				
Strateg	gy description		Disseminate Drown."	PSA's, Newspaper Articles through	local media abo	ut dangers of	f flooded county roads and t	o "Turn Around; Don't
Associ	ated FMEs		999999		Asso	ciated FMPs	999999	
Associ	ated FMSs		999999				Drainage area (mi², est.)	1
Waters	shed HUC# (if k	nown)	12010003020	01				
							County	Hopkins

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.

### Existing 100-Year Flood Risk

Population at risk 1			# of structures 3			Critical facilities 0					
Flood risk type:	Riverine?	Yes	Coastal?	No	Local	? No	,	Playa?	No	Other?	No
Farm/Ranch land impacted (acres) 11					Roadway(s) impacted (miles)			0			
Number of low wat	ter crossing	s 0			Historica	l road clo	osures	0			
Impacts											
Negative impacts?	Negative impac	gative impacts description N/A									
Water supply contr	ibutions?	No	Water supply co	pply contribution description None							
Estimated Cost											
Strategy Cost	\$10,000	)	Am	ount of availa	ble funding	g \$0			9	% Nature-Based	0
							. 18	~			





**REGION 4** 

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			800		,				
Title	City of Cumb	y Flood A	Awareness Pro	ogram					
ID#	042000050	Sponsor	Cumby (Mu	nicipality)		REGI	ONAL FLOOD PLANNIN	G GROUP	
RFPG re	commend?	Yes		Reason for Recommendation	Aligns with	n RFPG Goals			
Strate	egy Details								
Strateg	gy type		Education an	d Outreach					
Strateg	y description		Develop and	implement the "Turn Around, Don	't Drown Pro	ogram"			
Associa	ated FMEs		999999			Associated FMPs	999999		
Associa	ated FMSs		999999				Drainage area (mi <sup>2</sup> act)	1	
Waters	shed HUC# (if	known)	1201000301	01, 120100030104			Drainage area (mi², est.)	1	
	,	,					County	Hopkins	

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.

### Existing 100-Year Flood Risk

Population at risk 0	# of stru	uctures	0			Critical facilities 0				
Flood risk type: Riverine?	Yes	Coastal? No		Local	?	No	Playa?	No	Other?	No
Farm/Ranch land impacted (a	Roadway(s) impacted (miles)		0							
Number of low water crossing		Historica	al road	l closures	0					
mpacts										
Negative impacts?	No	Negative impacts de	scription		N/A					
Water supply contributions?	oution de	scription	None	2						
Ectimated Cost										

#### Estimated Cost

Strategy Cost \$0

Amount of available funding \$0

FMS area



% Nature-Based 0

**REGION 4** 

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FMS area

			00110		,				
Title	City of Cumb	y Flood A	wareness Pro	gram					
ID#	042000051	Sponsor	Cumby (Mur	nicipality)		REGI	ONAL FLOOD PLANNIN	IG GROUP	
RFPG re	ecommend?	Yes		Reason for Recommendation	Aligns with	h RFPG Goals			
Strate	egy Details								
Strateg	gy type		Education and	d Outreach					
Strateg	gy description		Disseminate F	PSA's, Newspaper Articles through	local media	about dangers of	flooded county roads		
Associa	ated FMEs		999999			Associated FMPs	999999		
Associa	ated FMSs		999999					4	
Watershed HUC# (if known)		known)	120100030101, 120100030104				Drainage area (mi², est.)	1	
						County	Hopkins		

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.

### Existing 100-Year Flood Risk

-						
Population at risk 0		# of structures	0	Critical facilit	ties 0	
Flood risk type: Riverine	? Yes	Coastal? No	Local? No	Playa? No	Other?	No
Farm/Ranch land impacted (	acres) 4		Roadway(s) impacted (r	miles) 0		
Number of low water crossir	ngs O		Historical road closures	0		
Impacts						
Negative impacts?	No	Negative impacts description	N/A			
Water supply contributions?	No	Water supply contribution de	scription None			
Estimated Cost						
Strategy Cost \$11,50	00	Amount of availa	ble funding \$0		% Nature-Bas	ed 0
3	Cumby			Dallas		UISIANA

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Austin

Regional view of FMS area

Houston

**REGION 4** 

Title	Sabine Flood I	Measure	ement Gages				REGIONAL FLOOD PLANNING GROUP				
ID#	042000052	Sponsor	Sabine Rive	r Authori	ty						
RFPG re	ecommend? Y	′es		Reas	on for Recommendation	Aligns wit	h RFPG Goals				
Strate	egy Details										
Strateg	gy type		Flood Measu	rement a	and Warning						
Strateg	y description		Install flood i	measurei	ment gages in Upper Sabir	ne Basin					
Associa	ated FMEs		-				Associated FMPs	-			
Associated FMSs			-					Drainage area (mi², est.)	4,760		
Watershed HUC# (if known)		(nown)	1201000103	01				County	Smith,Gregg,Kaufma		
Goal(s)	Goal 1: Incre	ease nun	nber of monit	toring ga	ges and associated real tin	ne reporting	g technology instal	lled and maintained in the reg	gion to 1 in 50% of		

**REGION 4** 

HUC10s.

0				
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				
	ative impacts description	None		
Water supply contributions? No Wat	er supply contribution de	escription -		
Strategy Cost \$800,100	Amount of availa	ble funding \$0	a construction of the second s	% Nature-Based -
Tyler	Longview	SI	Houston	LOUISIANA
FMS area		49 of 59	Regional view o	f FMS area

#### **REGION 4** Flood Management Strategy (FMS) SAR Hunt County Flood Warning and Public Safety Title ID# 042000053 Sponsor Hunt (County) **REGIONAL FLOOD PLANNING GROUP** Aligns with RFPG Goals RFPG recommend? Yes Reason for Recommendation **Strategy Details** Strategy type Flood Measurement and Warning Strategy description Adopt and Promote the program of "Turn Around Don't Drown Campaign." Implement early warning program. Associated FMEs Associated FMPs Associated FMSs Drainage area (mi<sup>2</sup>, est.) 879 Watershed HUC# (if known) 120100010406,120100010407,120100010103,120100010101,1201000101 County Kaufman,Van

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.

0										
Population at risk 8,690		# c	of structures	2,392		Critica	facilities	45		
Flood risk type: Riverine?	Yes	Coastal?	No	Local?	No	Playa?	No		Other?	No
Farm/Ranch land impacted (a	cres) 33,759			Roadway(s)	impacted (miles)	143				
Number of low water crossing	gs 10			Historical ro	ad closures	10				
Impacts										
	No Ne	gative impac	ts description	No	ne					
Water supply contributions?	No Wa	ater supply co	ontribution de	escription -						
Estimated Cost										
Strategy Cost \$250,0	00	Am	ount of availa	ble funding	\$0			% N	lature-Based	d -
inney and	Greenville	Lawarkoni	Sulpi	Fig. 50 of 59	Dalla	Ho	puston nal view o	f FMS		ISIANA.

#### **REGION 4** Flood Management Strategy (FMS) SAR Rockwall County Warning Signs and Flood Control Gates Title ID# 042000054 Sponsor Rockwall (County) **REGIONAL FLOOD PLANNING GROUP** Aligns with RFPG Goals RFPG recommend? Yes Reason for Recommendation **Strategy Details** Strategy type Flood Measurement and Warning Strategy description Install automatic flood warning gates to prevent access into flooded areas. Install warning signs and flood control Associated FMEs Associated FMPs

Goal 1: Increase number of monitoring gages and associated real time reporting technology installed and maintained in the region to 1 in 50% of

Drainage area (mi<sup>2</sup>, est.)

County

148

Kaufman,Rockwall,C

Watershed HUC# (if known) 120100010301,120100010302

Associated FMSs

HUC10s.

Goal(s)

Existing 100-Year	Flood Ris	k								
Population at risk 78	36		# c	of structures	191		Critica	facilities	0	
Flood risk type:	Riverine?	Yes	Coastal?	No	Local?	No	Playa?	No	Other?	No
Farm/Ranch land im	pacted (acr	es) 2,829			Roadway(s) i	mpacted (miles)	15			
Number of low wate	er crossings	11			Historical roa	d closures	11			
Impacts										
Negative impacts?	N	o I	Negative impac	ts description	Non	e				
Water supply contrib	outions? N	0	Water supply co	ontribution de	escription -					
Estimated Cost										
Strategy Cost	\$250,000		Am	ount of availa	ble funding \$	0			% Nature-Based	-
Lake Ray Hubbard	Rockwa	II Rockw/		ity		Dalla	He	puston		SIANA
		FMS are	ea		51 of 59		Regio	nal view of	FMS area	

	ana	00000		,			
Title Rockwall Co	ounty Floo	d Prevention	Ordinance				
ID# 042000055	Sponso	r Rockwall (C	County)		REGIO	NAL FLOOD PLANNING	G GROUP
RFPG recommend?	Yes		Reason for Recommendation	Aligns wit	h RFPG Goals		
Strategy Details							
Strategy type		Regulatory a	and Guidance				
Strategy description	า	Update Floo	d Prevention ordinance, adopting a	"no-rise" ir	n Base Flood Elevati	ion in the 100-year floodplai	n
Associated FMEs		-			Associated FMPs	-	
Associated FMSs		-					
Matarabad IIIIC# (;	f known)	1201000103	01,120100010302			Drainage area (mi², est.)	148
Watershed HUC# (i	r known)	1201000100	01,120100010002			County	Kaufman,Rockwall,C
Goal(s) Goal 1: Inc	crease nur	mber of comi	nunities with a comprehensive drai	nage policy	and criteria manua	Is to reduce flood hazard en	couragement and

**REGION 4** 

education to include 75% of the region's population.

-									
Population at risk 7	'86		# of structure	es 191		Critica	l facilities	0	
Flood risk type:	Riverine?	Yes	Coastal? No	Local?	No	Playa?	No	Other?	No
Farm/Ranch land in	npacted (a	cres) 2,829		Roadway(s) i	mpacted (miles)	15			
Number of low wat	er crossing	gs 11		Historical roa	ad closures	11			
Impacts									
Negative impacts?		No	Negative impacts descript	ion Nor	ie				
Water supply contri	ibutions?	No	Water supply contribution	description -					
Estimated Cost									
strategy cost	<b>J100,0</b>	00	, and and of all	and bie running of	0			% Nature-Ba	seu -
Lake Ray Hubbard							DUISIANA		
		FMS a			Austin		ouston nal view of	U,	

Title	Wills Point St		Permitting Re	quirement Update	07 (	,			IE
ID#	042000056	Sponsor	Wills Point	(Municipality)			REGI	ONAL FLOOD PLANNIN	G GROUP
RFPG re	commend?	Yes		Reason for Reco	ommendation	Aligns wit	th RFPG Goals		
Strate	gy Details								
Strateg	gy type		Regulatory a	nd Guidance					
Strateg	y description			eboard requiremen I flood ordinance	ts for permittir	ng structure	es in the SFHA; Ad	opt a "no-rise" in BFE in th	e 100-year floodplain
Associa	ated FMEs		-				Associated FMPs	-	
Associa	ated FMSs		-					Drainage area (mi², est.)	4
Waters	hed HUC# (if l	known)	1201000105	01,120100010502					
								County	Van Zandt
Goal(s)	Goal 1: Incr	ease nun	nber of comr	nunities with a com	prehensive drai	nage policy	/ and criteria manu	als to reduce flood hazard er	couragement and

**REGION 4** 

education to include 75% of the region's population.

Population at risk 36	# of structures	12	Critical facilities	0
Flood risk type: Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres) 43		Roadway(s) impacted (miles)	0	
Number of low water crossings 0		Historical road closures	0	
Impacts				
Negative impacts? No	Negative impacts description	None		
Water supply contributions? No	Water supply contribution de	scription -		
Estimated Cost Strategy Cost \$100,000	Amount of availa	ble funding \$0		% Nature-Based -
wills Point       FMS a	area	Austin 53 of 59	Houston Regional view of	LOUISIANA of FMS area

Title	Kaufman County Areas	y Regulation Standards to Protect Open Space Flood-Prone	<b>SASINE</b>
ID#	042000057 Spo	onsor Kaufman (County)	REGIONAL FLOOD PLANNING GROUP
RFPG r	ecommend? Yes	Reason for Recommendation Aligns with	th RFPG Goals
Strate	egy Details		
Strate	gy type	Regulatory and Guidance	
Strate	gy description	Conduct program in conjunction with local communities to areas	o incorporate regulatory standards to protect open space flood-prone
Associ	iated FMEs		Associated FMPs -

Associated FMSs	-		0.05
		Drainage area (mi², 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	s 0
Flood risk type: Riverine?	Yes Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acre	s) 2,567	Roadway(s) impacted (miles)	5	
Number of low water crossings	3	Historical road closures	3	
Impacts				
Negative impacts? No	Negative impacts descriptio	n None		
Water supply contributions? No	Water supply contribution c	lescription -		
Estimated Cost				
Strategy Cost \$100,000	Amount of avail	able funding \$0		% Nature-Based -
Mesquite	Terrell	Dalla Austin	Houston	LOUISIANA
	FMS area	54 of 59	Regional view	( FMC

REGION 4

			•	0,	•				
Title	Kaufman Cou	nty Agre	ement to Mo	onitor High Hazard Dams					
ID#	042000058	Sponsor	Kaufman (C	ounty)			REGI	ONAL FLOOD PLANNIN	G GROUP
RFPG re	ecommend? Y	/es		Reason for Recommend	ation Alig	ns with RFPG (			
Strate	Strategy Details								
Strateg	gy type		Flood Measu	rement and Warning					
Strateg	y description		•	nutual aid agreement with t nonitor to minimize potentia	•		• •	ty of Kaufman to monitor H	igh hazard dams with
Associa	ated FMEs		-			Associa	ted FMPs	-	
Associa	ated FMSs		-					Drainage area (mi², est.)	805
Waters	shed HUC# (if k	(nown)	1201000105	01,120100010303,12010001	10404,12010	00010302,120	1000104	Drainage area (ini , est.)	805
								County	Kaufman,Van
Goal(s)	Goal 1: Incre HUC10s.	ease nur	nber of moni	toring gages and associated	real time rep	porting techno	ology instal	lled and maintained in the reg	gion to 1 in 50% of

**REGION 4** 

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) 2,5	67	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 de	escription -		
Estimated Cost				
Strategy Cost \$300,000	Amount of availa	ble funding \$0		% Nature-Based -
	Tawakoni errell IS area	Dal. Austin	Houston Regional view of	LOUISIANA of FMS area

Title City of Kilgore Property			y Acquisition	Ũ	, <b>,</b>	·	Ľ	ARIN	
							U		
ID#	042000059	Sponsor	Kilgore (Munic	ipality)			REGI	ONAL FLOOD PLANNIN	G GROUP
RFPG re	ecommend? Ye	es		Reason for Recomme	endation	Aligns wit	h RFPG Goals		
Strate	Strategy Details								
Strateg	gy type		Property Acquis	sition and Structural El	evation				
Strateg	gy description		Implementation development.	n of program to purc	hase prop	erties and	l repetitive loss h	omes in floodplain areas t	o reserve them from
Associa	ated FMEs		-				Associated FMPs	-	
Associa	ated FMSs		-					Drainage area (mi², est.)	155
Waters	shed HUC# (if k		120100020501,	120100020506,	1201000	20502,	120100020503,	Dialitage area (iiii , est.)	155
			120100020601					County	Gregg,Rusk
Goal(s)	Goal(s) 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 1,891	# of structures	517	Critical facilities	3
Flood risk type: Riverine? Y	es Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres	s) 3,000	Roadway(s) impacted (miles)	45	
Number of low water crossings	3	Historical road closures	3	
Impacts				
Negative impacts? No	Negative impacts description	n None		
Water supply contributions? No	Water supply contribution de	escription None		
Estimated Cost				
Strategy Cost \$64,351,36	Amount of avail	able funding \$0		% Nature-Based -
		5 ¥5		/ Nature Based
	- And	Dalla		
Overton	(ilgore	Austin	Houston	LOUISIANA
	FMS area	56 of 59	Regional view o	of FMS area

56 of 59

**REGION 4** 

### **REGION 4** Flood Management Strategy (FMS) **SABINE** Kaufman County Flood Education Program Title

ID# 042000060 Sponsor Kaufman (County)

RFPG recommend? Yes

Reason for Recommendation

**REGIONAL FLOOD PLANNING GROUP** Aligns with RFPG Goals

Strategy Details				
Strategy type	Education and Outreach			
Strategy description	Conduct countywide outreach to educate resider flood insurance.	nts on flood hazards, mitig	ation techniques and promo	te availability of NFIP
Associated FMEs	-	Associated FMPs	-	
Associated FMSs	-		Drainage area (mi², est.)	805
Watershed HUC# (if known)	120100010501,120100010303,120100010404,120	10501,120100010303,120100010404,120100010302,1201000104		
			County	Kaufman,Van
Goal(s) Goal 1: 100% of cou	nties to perform public education and awareness c	ampaigns to better inform t	the public of flood-related risl	ks on an annual basis.

Existing 100-Vear 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) 2,5	67	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 de	escription -		
Estimated Cost				
Strategy Cost \$50,000	Amount of availa	ble funding \$0		% Nature-Based
	errell	Dalla	Houston	LOUISIANA
FM	IS area		Regional view of	of FMS area

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			0	07 (***	···· /			
Title	City of Nevad	a NFIP Fl	oodplain Ord	inance				
ID#	042000061	Sponsor	Nevada (Mu	nicipality)		REGIO	DNAL FLOOD PLANNIN	G GROUP
RFPG re	commend?	/es		Reason for Recommendation	Aligns with	h RFPG Goals		
Strate	gy Details							
Strateg	y type		Regulatory ar	nd Guidance				
Strateg	y description		Develop a flo	odplain ordinance that meets or ex	‹ceeds FEM/	A's minimum stanc	lards	
Associa	ated FMEs		-			Associated FMPs	-	
Associa	ated FMSs		-				Drainage area (mi², est.)	2
Waters	hed HUC# (if l	(nown)	12010001030	01				2
							County	Collin

**REGION 4** 

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.

Population at risk 3	# of structures	1	Critical facilities	6 0	
Flood risk type: Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No	
Farm/Ranch land impacted (acres) 11		Roadway(s) impacted (miles)	0		
Number of low water crossings 0		Historical road closures	0		
Impacts					
Negative impacts? No	Negative impacts description	None			
Water supply contributions? No	Water supply contribution de	escription -			
Estimated Cost					
Strategy Cost \$100,000	Amount of availa	ble funding \$0		% Nature-Based -	
Copeville	Nevada	Dall	Houston	LOUISIANA	

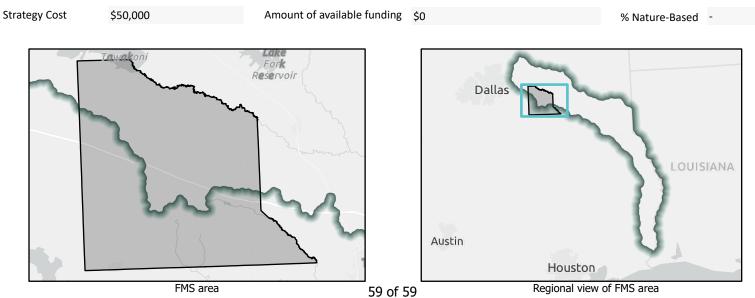
				0		· ·			
Title	Van Zandt Co	unty Flo	od Safety Impro	vements and Education	1				
ID#	042000062	Sponsor	Van Zandt (Co	unty)			REG	IONAL FLOOD PLANNIN	IG GROUP
RFPG re	ecommend?	Yes		Reason for Recomme	ndation	Aligns wi	th RFPG Goals		
Strate	egy Details								
Strateg	gy type		Education and	Outreach					
Strateg	gy description		Educate comm	unity on the dangers of	low wate	r crossings	5		
Associa	ated FMEs		-				Associated FMPs	5 -	
Associa	ated FMSs		-						050
Waters	shed HUC# (if l	known)	120100010407	, 120100010503,	120100	010501,	120100010502,	Drainage area (mi², est.)	856
	· ·	,	120100010504	, 120100010601,	120100	010507,	120100010603,	County	Smith,Kaufman,Van
Goal(s)	Goal 1: Adv	ance mu	ltiple regional f	ood infrastructure proj	ects desig	ned for lar	ger storm events.		

**REGION 4** 

### Existing 100-Year Flood Risk

Population at risk 1,954			# o	f structures	1,080			Critical	facilities	0		
Flood risk type: Riverine?	Ye	S	Coastal?	No	Local?	No		Playa?	No		Other?	No
Farm/Ranch land impacted (a	acres)	24,554			Roadway(	s) impacted	(miles)	79				
Number of low water crossing	gs	9			Historical	road closur	es	9				
Impacts												
Negative impacts?	NO	Neg	ative impact	s description	1	None						
Water supply contributions?	No	Wat	er supply co	ntribution de	scription -							

### **Estimated Cost**



APPENDIX 5-D PROJECT DETAILS THIS PAGE INTENTIONALLY LEFT BLANK



															-			
						Ge	eneral Project Data			1					Score 1: Se	verity - Pre-Project Ave	rage Depth of Flooding Severity Ranking: Pre-	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	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	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		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 detetnion 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 curing 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 Count 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 curing 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 Count 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 isk of storm surge impacts in Orange, Jefferson, and Brazoria Counties in Texas.	Sabine	Flood Walls and Levees		Lower Sabine	Yes	\$2,390,000,128	1.66999996	\$1,477,132	Unknown	Unknown	7,929	Planning		Baseline average flood	Baseline average flood depth > 2ft	8



Γ		Sco	ore 2: Severity - Comm	unity Need (% Popul	ation)			Score 3: Floo	od Risk Reduction				Score 4: Flood D	Damage Reduction			Score 5: Cri	tical Facilities Damage	e Reduction	
	o				Severity Ranking:		# of Structures	50010 511100			# of Structures with				fland Damas					
Project Name	Communities Served by Project	Community Population Served	Flood Plain Population	Notes 2	Community Need (% Population)	Score 2	Removed from 1% Annual Chance FP	Notes 3	Flood Risk Reduction	Score 3	Reduced 1% Annual Chance Flood Risk	Pre-Project Damage	S Post-Project Damage \$ \$	Notes 4	Flood Damage Reduction	Score 4	# of Critical Faciliites Removed from 1% Annual Chance FP	Notes 5	Reduction in Critical Facilities Flood Risk	Score 5
Ferry Gully Regional Detention Pond 1					>75% of project commuity affected (by population)				Reduced risk to <50% of structures in floodplain								9		Reduced risk for <10% of critical facilities in	
	1	3,481	2,949	85%		10	463			4	736								floodplain	1
erry Gully Regional Jetention Pond 2	1	3,481	2,949	85%	>75% of project commuity 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
	1	3,481	2,949	85%	>75% of project	10	76			1	545								noodplain	1
erry Gully Regional etention Pond 3	1	3,481	2,949	85%	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
erry Gully Regional					>75% of project community affected (by population)				Reduced risk to <10% of structures in floodplain								8		Reduced risk for <10% of critical facilities in	
etention Pond 4	1	3,481	2,949	85%		10	61			1	459								floodplain	1
laiborne Park Regional etention 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
		.,	0,000		>75% of project															
nard Estates Drainage nprovements	1	5,700	4,663	82%	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
evation of Feeder bad Along IH-10 at					>75% of project community affected (by population)				Reduced risk to 0 of structures in floodplain								٥		Reduced risk for 0 structures in floodplain	
ole Creek	1	0	0	0%	50%-75% of project	10	0		Reduced risk to <10% of		0								structures in floodplain	0
wrence Road etention Pond	2	9,936	5,869	59%	community affected	7	124		structures in floodplain	1	1153								Reduced risk for 0 structures in floodplain	0
					50%-75% of project				Reduced risk to <50% of structures in floodplain								0			
pper Cow Detention ond	2	9,936	5,869	59%	community affected	7	782		structures in noouplain	4	0								Reduced risk for 0 structures in floodplain	0
pper Adams Detention					>75% of project community affected (by population)				Reduced risk to <50% of structures in floodplain								8		Reduced risk for <10% of critical facilities in	
ond	1	1,717	1,339	78%		10	55			4	314								floodplain	1
ole Creek Detention ond	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
					<25% of project community affected				Reduced risk to 0 of structures in floodplain								0			
R-2400 Drainage nprovements	1	147	1	1%		1	0				0								Reduced risk to 0 structures in floodplain	
R-2706 Drainage	1	173	7	4%	<25% of project community affected		0		Reduced risk to 0 of structures in floodplain		0						0		Reduced risk to 0	
provements	Ţ	1/3	/	4%		1	U				0								structures in floodplain	
-3101 Drainage provements	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	
-4105 Drainage			_		<25% of project community affected				Reduced risk to <10% of structures in floodplain								0		Reduced risk to 0	
provements	1	136	2	1%		1	0			1	1								structures in floodplain	
-4106 Drainage provements	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	
					25%-50% of project community affected				Reduced risk to <50% of structures in floodplain								9			
bine Pass to alveston Bay Coastal orm Risk Management oject	F	56,259	24,485	44%			0												Reduced risk for <10% of critical facilities in floodplain	



Note         Note <t< th=""><th>Multiple Benefits         Multiple Benefits           Multiple Benefits         Notes 10         Multiple Benefit Ranking         Score 10           Project delivers benefits in only 1 wider benefit category         Project delivers benefits in only 1 wider benefit category         Score 10</th><th></th><th>Nature-Based</th><th></th><th></th><th>cial Vallerability</th><th>50010 01 500</th><th></th><th></th><th></th><th>indice: Supply</th><th>56676 771</th><th></th><th></th><th></th><th>Life and barety</th><th>56616 612</th><th></th><th></th></t<>	Multiple Benefits         Multiple Benefits           Multiple Benefits         Notes 10         Multiple Benefit Ranking         Score 10           Project delivers benefits in only 1 wider benefit category         Project delivers benefits in only 1 wider benefit category         Score 10		Nature-Based			cial Vallerability	50010 01 500				indice: Supply	56676 771				Life and barety	56616 612		
Note         Note <t< th=""><th>Description         Notes 10         Ranking         Score 10           Project delivers benefits in only 1 wider benefit         Only 1 wider benefit         Only 1 wider benefit         Only 1 wider benefit</th><th></th><th></th><th>% Nature Recod</th><th></th><th>Social Vulnorability</th><th></th><th></th><th></th><th>Water Supply Viold</th><th></th><th></th><th></th><th>Water Supply Repolit</th><th></th><th>Life and Safety</th><th></th><th>Adjusted Injuny Pick</th><th></th></t<>	Description         Notes 10         Ranking         Score 10           Project delivers benefits in only 1 wider benefit         Only 1 wider benefit         Only 1 wider benefit         Only 1 wider benefit			% Nature Recod		Social Vulnorability				Water Supply Viold				Water Supply Repolit		Life and Safety		Adjusted Injuny Pick	
Subscription Subscriptic	only 1 wider benefit				Score 8		Notes 8	SVI Score	Score 7		Notes 7	WMS_ID	SourceID		Score 6	Ranking (Injury/Loss	Notes 6		Project Name
Another										No impact on water supply									
Marcial Matrix       Matr	Environmental 1	1 Environmental	1	0%	4			0.28	0					0					
Notional and state and st	Project delivers benefits in only 1 wider benefit category		nature-based							No impact on water supply									
Image: problem       Imad	Environmental 1	1 Environmental	1	0%	4			0.28	0					0					
Andrew M       Andrew M <th< td=""><td>Project delivers benefits in only 1 wider benefit category Environmental</td><td>1 Environmental</td><td>nature-based</td><td>0%</td><td></td><td></td><td></td><td>0.28</td><td></td><td>No impact on water supply</td><td></td><td></td><td></td><td>0</td><td></td><td></td><td></td><td></td><td></td></th<>	Project delivers benefits in only 1 wider benefit category Environmental	1 Environmental	nature-based	0%				0.28		No impact on water supply				0					
Marchard     And     A		1 Livioniena	1	076	4			0.20	0					0					
Mathematical       Mathematical <th< td=""><td>Project delivers benefits in only 1 wider benefit</td><td></td><td>&lt;25% of the project cost is nature-based</td><td></td><td></td><td></td><td></td><td></td><td></td><td>No impact on water supply</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>	Project delivers benefits in only 1 wider benefit		<25% of the project cost is nature-based							No impact on water supply									
	Environmental 1	1 Environmental	1	0%	4			0.28	0					0				41.25	Terry Gully Regional Detention Pond 4
Nact Germs         Nact Serms         Nact Se	Project delivers benefits in only 1 wider benefit category		nature-based							No impact on water supply									Claiborne Park Regional
including length       including length </td <td>Environmental 1</td> <td>1 Environmental</td> <td>1</td> <td>0%</td> <td>4</td> <td></td> <td></td> <td>0.33</td> <td>0</td> <td></td> <td></td> <td></td> <td></td> <td>0</td> <td></td> <td></td> <td></td> <td>52.5</td> <td>Detention Pond</td>	Environmental 1	1 Environmental	1	0%	4			0.33	0					0				52.5	Detention Pond
And	Project delivers benefits in only 1 wider benefit category		nature-based							No impact on water supply									
Name         Name <th< td=""><td>Environmental 1</td><td>1 Environmental</td><td>1</td><td>0%</td><td>4</td><td></td><td></td><td>0.30</td><td>0</td><td></td><td></td><td></td><td></td><td>0</td><td></td><td></td><td></td><td>26.25</td><td>Improvements</td></th<>	Environmental 1	1 Environmental	1	0%	4			0.30	0					0				26.25	Improvements
$ \begin{array}{c} \begin{array}c c c c c c c c c c c c c c c c c c $	Project delivers benefits in only 1 wider benefit category Transportation 1	1 Transportation	nature-based	0%	1			0.18		No impact on water supply				0				12.5	Road Along IH-10 at
Appendix     Appen			1	076	-			0.10	0					0				12.3	COLE CLEEK
inport determs       inter-state       inter-state <td>Project delivers benefits in only 1 wider benefit category Environmental 1</td> <td>1 Environmental</td> <td>nature-based</td> <td>0%</td> <td></td> <td></td> <td></td> <td>0.33</td> <td>0</td> <td>No impact on water supply</td> <td></td> <td></td> <td></td> <td>0</td> <td></td> <td></td> <td></td> <td>45.75</td> <td></td>	Project delivers benefits in only 1 wider benefit category Environmental 1	1 Environmental	nature-based	0%				0.33	0	No impact on water supply				0				45.75	
page option in the state of the state	Project delivers benefits in																		
Pend       Dep d       O	only 1 wider benefit category									No impact on water supply									Upper Cow Detention
upper dame been been27Image been stateImage been <br< td=""><td>Environmental 1</td><td>1 Environmental</td><td>1</td><td>0%</td><td>4</td><td></td><td></td><td>0.33</td><td>0</td><td></td><td></td><td></td><td></td><td>0</td><td></td><td></td><td></td><td>26.25</td><td></td></br<>	Environmental 1	1 Environmental	1	0%	4			0.33	0					0				26.25	
Pard27 $(27)$ <td>Project delivers benefits in only 1 wider benefit category</td> <td></td> <td>&lt;25% of the project cost is nature-based</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>No impact on water supply</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Upper Adams Detention</td>	Project delivers benefits in only 1 wider benefit category		<25% of the project cost is nature-based							No impact on water supply									Upper Adams Detention
C lo C cree beterion Pard26.25C moderate suberiabilityC moderate suberiability<	Environmental 1	1 Environmental	1	 0%	4			0.29	0					0				27	Pond
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Project delivers benefits in only 1 wider benefit category		nature-based							No impact on water supply									
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Environmental 1	1 Environmental	1	0%	4			0.36	0					0				26.25	Pond
CR-2706 Drainage Improvements       O       Set of the project cost is on observed of the project cost is crashing and the project cost is crashing a	Project delivers benefits in only 1 wider benefit category Transportation 1	1 Transportation		0%				0.18	0	No impact on water supply				0				0	
CR-2706 Drainage Improvements     0     0     0     0     0     0     0     0     0     0     0     0     1     1       CR-3101 Drainage Improvements     0     0     0     0     0     0     0     0     0     0     0     0     0     1     1     1       CR-3101 Drainage Improvements     0			1	0/0				5.15	0										provementa
CR-3101 Drainage     0     0     0     0     0     0     0     0     0     1       Improvements     0     0     0     0     0     0     0     0     1	Project delivers benefits in only 1 wider benefit category Transportation 1	1 Transportation	nature-based	0%		SVI between 0.25-0.5 (low to moderate vulnerability)		0.26	0	No impact on water supply				0				0	CR-2706 Drainage Improvements
CR-3101 Drainage     0     0     0     0     0     0     0     0     0     1       Improvements     0     0     0     0     0     0     0     0     1	Project delivers benefits in		<35% of the project cost is			SVI botwoor 0.35 0.5 //													
Improvements         0         0         0         0         0.34         4         0%         1         1	only 1 wider benefit category									No impact on water supply									CR-3101 Drainage
SVI hetween 0 S-0 75	Transportation 1	1 Transportation	1	0%	4			0.34	0					0				0	
No impact on water supply (moderate to high	Project delivers benefits in only 1 wider benefit		<25% of the project cost is nature-based			(moderate to high				No impact on water supply									CR-4105 Drainage
Unrowents         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         1         1	Transportation category 1	1 Transportation		0%	7	vulnerability)		0.52	0					0				0	Improvements
CR-4106 Drainage	Project delivers benefits in only 1 wider benefit category		<25% of the project cost is nature-based			SVI between 0.25-0.5 (low to moderate vulnerability)				No impact on water supply									CD 410C Designers
CK-410b Dranage Improvements         0         0         0         0         0.39         4         0%         1	Transportation 1	1 Transportation	1	0%	4			0.39	0					0				0	
No impact on water supply       SV between 0.75-1.00 (high vulnerability)   <	Project delivers benefits in only 1 wider benefit category		<25% of the project cost is nature-based			SVI between 0.75-1.00 (high vulnerability)				No impact on water supply									
Salue Pas to Galveston Bay Costal Storm Risk Managemer Project 52.5 0 0 0 0.81 0 0 0% 10 0%	Environmental 1	1 Environmental		0%	10			0.81	0					0				52.5	Galveston Bay Coastal Storm Risk Management



		Score	11: 0&M		Score 12: Admin, F	legulatory Ol	bstacles	Sc	ore 13: Enviromental Ben	efit		Score 14: Environmental Impa	ct		Score 15	: Mobility			Score 16: Regional	
Project Name	O&M Cost (Annual)	Notes 11	Operations and Maintenance Ranking	Score 11	Notes 12 Regulator	istrative, y and Other e 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 requ ongoing ope maintenance requirement defined (Reg	rations and and /or O&M s are well			Project will deliver a low level of environmental benefits (1 category)			Project has no adverse environmental impacts	10	0				3	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 requ ongoing ope	ires regular, rations and and /or O&M s are well			Project will deliver a low level of environmental benefits (1 category)	3		Project has no adverse environmental impacts	10	o				3	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 requ ongoing ope maintenance requirement defined (Reg	rations and and /or O&M s are well			Project will deliver a low level of environmental benefits (1 category)			Project has no adverse environmental impacts	10	0				3	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 requ ongoing ope maintenanco requirement defined (Reg	rations and and /or O&M s are well			Project will deliver a low level of environmental benefits (1 category)	3		Project has no adverse environmental impacts	10	o				3:	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)		requirement defined (Reg	rations and and /or O&M s are well ular)			Project will deliver a low level of environmental benefits (1 category)	3		Project has no adverse environmental impacts	10	0				3	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 requ ongoing ope maintenance requirement defined (Reg	rations and and /or O&M s are well			Project will deliver a low level of environmental benefits (1 category)	3		Project has no adverse environmental impacts	10	o				3	Project region has recommended <10% of total projects	10
Elevation of Feeder Road Along IH-10 at Cole Creek	ş -		Project will not require any ongoing operations and maintenance (low)		Project will r any ongoing and mainten	operations ance (low)			Project does not provide any environmental benefits	0		Project has no adverse environmental impacts	10	860				3	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)		requirement defined (Reg	rations and and /or O&M s are well ular)			Project will deliver a low level of environmental benefits (1 category)	3		Project has no adverse environmental impacts	10	860				3	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)		requirement defined (Reg	rations and and /or O&M s are well ular)			Project will deliver a low level of environmental benefits (1 category)	3		Project has no adverse environmental impacts	10	0				3	Project region has recommended <10% of total projects	10
Upper Adams Detentior Pond	\$ 10,000		Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)		requirement defined (Reg	rations and and /or O&M s are well ular)			Project will deliver a low level of environmental benefits (1 category)	3		Project has no adverse environmental impacts	10	0				3	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 requ ongoing ope maintenance requirement defined (Reg	rations and and /or O&M s are well			Project will deliver a low level of environmental benefits (1 category)	3		Project has no adverse environmental impacts	10	o				3:	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 r any ongoing and mainter	operations			Project does not provide any environmental benefits	0		Project has no adverse environmental impacts	10	0				3	Project region has recommended <10% of total projects	10
CR-2706 Drainage Improvements	s -		Project will not require any ongoing operations and maintenance (low)		Project will r any ongoing and mainten	operations			Project does not provide any environmental benefits	0		Project has no adverse environmental impacts	10	0				3	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 r any ongoing and mainten	operations ance (low)			Project does not provide any environmental benefits	0		Project has no adverse environmental impacts	10	0				3	Project region has recommended <10% of total projects	10
CR-4105 Drainage Improvements	s -		Project will not require any ongoing operations and maintenance (low)		Project will r any ongoing and mainter	operations ance (low)			Project does not provide any environmental benefits	0		Project has no adverse environmental impacts	10	0					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 r any ongoing and mainter	operations			Project does not provide any environmental benefits	0		Project has no adverse environmental impacts	10	0				3.	Project region has recommended <10% of total projects	10
Sabine Pass to Galveston Bay Coastal Storm Risk Managemen Project	t \$ 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 r ongoing ope maintenanc the owner? maintenanc long-term O requirement undefined; annual O&M project (high	ration and e outside of regular e practices; &M s are nd/or high cost > 1% of			Project will deliver a high level of environmental benefits (4+ categories)	10		Project has no adverse environmental impacts	10	o				3	Project region has recommended <10% of total projects	10



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FMP	Project Description:	Flood Region	Project Type	FIUP Project Category		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	Score 1: Se Average Flood Depth (100yr)	verity - Pre-Project Av Notes	Severity Ranking: Pre- Project Average Depth of Flooding	(100-year) Score 1
043000018	Downtown Storm Sewer Improvements	Sabine	Storm Drain	2	Middle Sabine	No	\$2,242,305	0.01	50	Unknown	Unknown	0	Design			Baseline average flood	8
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		5
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		
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		
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		
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		
	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		
	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		
043000029	and repetitive loss homes in floodplain areas to reserve them from development. Acquire flood prone/repetitive loss properties and	Sabine	Property Acquisition	2	Middle Sabine	No	\$64,351,367	3.2	\$292,508	0	0	517	Planning		Baseline average flood depth>3.5ft		
043000030	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		
043000031	County.	Sabine	Property Elevation	2	Lower Sabine	Yes	\$0	0	\$0	0	0	16,974	Planning		Baseline average flood depth>3.5ft		
043000032	Proposed drainage improvements near Bighead Creek	Sabine	LWC Upgrade	2	Middle Sabine	No	\$0	0	\$0	0	0	517	Planning		0		
043000033	Proposed drainage improvements near Harris Creek Proposed drainage improvements near Iron Bridge	Sabine	Channel	2	Middle Sabine	No	\$0	0	\$0	0	0	1,520	Planning		depth<0.5ft Baseline average flood		
043000034	Creek Proposed bridge installation over creek crossing on County Road 342 to reduce roadway overtopping during storm events.	Sabine Sabine	LWC Upgrade	2	Middle Sabine Upper Sabine	Yes	\$0 \$0	0	\$0	0	0	1,520	Planning Planning				
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		
	<ul> <li>A43000038</li> <li>A43000020</li> <li>A43000021</li> <li>A43000023</li> <li>A43000023</li> <li>A43000024</li> <li>A43000025</li> <li>A43000025</li> <li>A43000027</li> <li>A43000027</li> <li>A43000028</li> <li>A43000029</li> <li>A43000029</li> <li>A43000030</li> <li>A43000031</li> <li>A43000033</li> <li>A43000033</li> <li>A43000034</li> <li>A43000034</li> </ul>	043000018     Downtown Storm Sewer Improvements       043000020     Remove debris and clear channel South of Hwy 59 to Five Notch Rd       043000021     Remove debris and clear channel West of Hwy 59       043000022     Improve Drainage Walls - Carter thru City Park       043000023     Detention pond by UPRR       043000024     Drainage improvement through Smith Park       043000025     Improve Drainage Walls - Carter thru City Park       043000026     Detention pond by UPRR       043000027     Improvements through downtown       043000026     Implementation of program to purchase properties and repetitive loss homes in foldplain areas to reserve them from development.       043000027     Implementation of program to purchase properties and repetitive loss properties and convert to open space, parks, boating access, trais, agricultural projects, and/or as a general community asset.       043000029     Acquire flood prone/repetitive loss properties and convert to open space, parks, boating access, trais, agricultural projects, and/or as a general community asset.       043000030     Proposed drainage improvements near Bighead Creek       043000031     Proposed drainage improvements near Harris Creek       043000032     Proposed drainage improvements near Harris Creek       043000033     Proposed drainage improvements near Harris Creek       043000034     Proposed drainage improvements near Harris Creek       043000035     Install flood measurement gages in Upper Sabine<	04300018     Downtown Storm Sewer Improvements     Sabine       04300020     Remove debris and clear channel South of Hwy 59 to Five Notch Rd     Sabine       04300021     Remove debris and clear channel West of Hwy 59     Sabine       04300022     Improve Drainage Walls - Carter thru City Park     Sabine       04300023     Detention pond by UPRR     Sabine       04300024     Detention pond by UPRR     Sabine       04300025     Improve Drainage Walls - Carter thru City Park     Sabine       04300026     Detention pond by UPRR     Sabine       04300027     Improvements through downtown     Sabine       04300026     Improvements through downtown     Sabine       04300027     Implementation of program to purchase properties and regetitive loss homes in floodplain areas to reserve them from development.     Sabine       043000027     Implementation of program to purchase properties and regetitive loss homes in floodplain areas to reserve them from development.     Sabine       043000027     Implementation of program to purchase properties and regetitive loss homes in floodplain areas to reserve them from development.     Sabine       043000029     Acquire flood prom/repetitive tors properties and convert to open space, parks, boating access, trails and regetitive loss homes within Floodplains throughout county.     Sabine       043000030     Elevations of homes within Floodplains throughout county.     Sabine	043000018     Downtown Storm Sewer Improvements     Sabine     Storm Drain       043000020     Remove debris and clear channel South of Hwy 59     Sabine     Channel       043000021     Remove debris and clear channel West of Hwy 59     Sabine     Channel       043000022     Remove debris and clear channel West of Hwy 59     Sabine     Channel       043000021     Remove debris and clear channel West of Hwy 59     Sabine     Channel       043000022     Improve Drainage Walls - Carter thru City Park     Sabine     Channel       043000023     Detention pond by UPRR     Sabine     Channel       043000024     Drainage improvement through downtown     Sabine     Channel       043000025     Improvements through downtown     Sabine     Channel       043000026     Implementation of program to purchase properties and repetitive loss homes in floodplain areas to reserve them find downtown     Sabine     Property Acquisition       043000027     Implementation of program to purchase properties and repetitive loss homes in floodplain areas to reserve them find development.     Sabine     Property Acquisition       043000029     Acquire flood pronc/repetitive loss homes in floodplain areas to reserve them find development.     Sabine     Property Acquisition       043000029     Require flood pronc/repetitive loss homes in floodplain areas to reserve them find development.     Sabine     Property Acquisitio	Outcome         Outcome         Outcome         Outcome         Outcome           043000013         Downtown Som Sever Improvements         Salare         Som Drain         2           043000001         Renove debris and clear channel South of Way 59         Salare         Channel         2           043000001         Renove debris and clear channel West of Hwy 59         Salare         Channel         2           043000021         Renove debris and clear channel West of Hwy 59         Salare         Channel         2           043000023         Improve Drainage Wals - Catter thru City Park         Salare         Channel         2           043000024         Detertion pond by UPRI         Salare         Channel         2           043000025         Improve Drainage Improvements from the first         Salare         Channel         2           043000025         Improvements through Sonth Park         Salare         Channel         2           043000025         Improvements through Sonth Park         Salare         Channel         2           043000026         Improvements through Sonth Park         Salare         Progenty Acquisition         2           043000027         Improvements through Sonth Park         Salare         Progenty Acquistion         2	NOP         Project Description:         Picod Region         Project Type         PLP Project Category         Project Waterhed           043000018         Desenteen Storm Storm Sterm Improvements         Saline         Storm Drain         2         Middle Saline           043000020         Renore debris and four damael Coult of Imp 59 to Fire Media Mid         Saline         Councel         2         Middle Saline           043000021         Renore debris and four channel West of Hong 59 to Fire Media Mid         Saline         Councel         2         Middle Saline           043000021         Renore debris and four channel West of Hong 59 to Fire Media Mid         Saline         Councel         2         Middle Saline           043000023         Improve Drainage Wals - Cater thru CRy Park         Saline         Councel         2         Middle Saline           043000023         Determing pool by UPIR         Saline         Councel         2         Middle Saline           043000024         Desinge Improvement through Somth Park         Saline         Councel         2         Middle Saline           043000025         Improvements through Somth Park         Saline         Property Acquistion         2         Middle Saline           043000026         Improvements through downteen in Saline         Property Acquistion         2	OutputOutputOutputOutputOutputOutputOutput03000001Evenere data and for chared south Herg 9 to far free data and for chared south Herg 9 to far free data and for chared south Herg 9 to far free data and for chared south Herg 9 to far free data and for chared south Herg 9 to far free data and for chared south Herg 9 to far free data and for chared south Herg 9 to far free data and for chared south Herg 9 to far free data and for chared south Herg 9 to far free data and for chared south Herg 9 to far free data and for chared south Herg 9 to far free data and for chared south Herg 9 to far free data and for chared south Herg 9 to far free data and for chared south Herg 9 to far free data and for chared south Herg 9 to far free data and for chared south Herg 9 to far free data and for chared south Herg 9 to far free data and for chared south Herg 9 to far free data and for chared south Herg 9 to far free data and for three 10 to far free data and	NO         Project Description:         Proof tages         Project Tages         Project Cases         Project Westered         Proj	INP     Project Decryption     Field Stage     Project Trage     Project Tra	NN         Project Exerciption:         Inter Regist Exerciption:         Project Starts         Pr	HH     Next Subscription     Nor Next     Page Type     Page Type     Nor Next Subscription     Nort Next Subscription     Nort Next Subscription       Subscription     Subscripion     Subscription <td< td=""><td>170     Page Coopering     Page Page Page Page Page Page Page Page</td><td>107         Natasery         Natasery</td><td>Image         Rectioner         R</td><td>Image and the second of th</td><td>Image and and and and and and and and and and</td><td>Image: Section in the section in t</td></td<>	170     Page Coopering     Page Page Page Page Page Page Page Page	107         Natasery         Natasery	Image         Rectioner         R	Image and the second of th	Image and	Image: Section in the section in t



		Sco	ore 2: Severity - Comm	unity Need (% Populat	ion)			Score 3: Flood	Risk Reduction				Score 4: Flood Da	mage Reduction			Score 5: Crit	ical Facilities Damage	e Reduction	
Project Name	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 Faciliites Removed from 1% Annual Chance FP	Notes 5	Reduction in Critical Facilities Flood Risk	Score 5
Kilgore Downtown					<25% of project community affected				Reduced risk to 0 structures in floodplain								o		Deduced site for 0	
Storm Sewer Master Plan Improvements	1	723	0	0%		1	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						o		Reduced risk for 0 structures in floodplain	0
Mantenance		13/11	4,657		25%-50% of project community affected	~			Reduced risk to 0 of structures in floodplain								0		Reduced risk for 0	
Turtle Creek Maintenace	1	13,141	4,657	35%		4	0				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						o		Reduced risk for 0 structures in floodplain	0
Parker Creek Detention					25%-50% of project community affected				Reduced risk to <10% of structures in floodplain								o		Reduced risk for 0	
Pond Upper Happy Hollow Drainage Improvement -	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		structures in floodplain	0
Smith Park	1	13,141	4,657	35%		4	9			1	14								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						o		Reduced risk for 0 structures in floodplain	0
City of Kilgore Property					<25% of project community affected				Reduced risk to <10% of structures in floodplain								0		Reduced risk for 0	
Acquisition	4	26,225	1,891	7%	>75% of project community affected (by	1	22		Reduced risk to <10% of structures in floodplain	1	22						0		structures in floodplain	0
Orange County Property Acquisition	5	54,141	44,427	82%	population)	10	4			1	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						o		Reduced risk for 0 structures in floodplain	0
Bighead Creek Flooding - Roadway Improvements					<25% of project community affected				0								0			
to Stone Road	4	26,225	1,891	7%	<25% of project	1	0		0		0						0		0	
Harris Creek Tributary Flooding	4	86,180	12,674	15%	community affected	1	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					<25% of project community affected				Reduced risk to <10% of structures in floodplain								o		Reduced risk to 0	
Improvements	1	20	0	0%	<25% of project community affected	1	0		Reduced risk to 0 of structures in floodplain	1	0						0		structures in floodplain	
Sabine Flood Measurement Gages	71	571,027	43,502	8%		1	0				0								Reduced risk for 0 structures in floodplain	0



		Score 6: L	ife and Safety				Score 7: W	/ater Supply				Score 8: So	ocial Vulnerability			Score 9: Natur	e-Based Solution			Score 10: Mu	ltiple Benefites	
Project Name	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	Score 10
Kilgore Downtown									No impact on water supply				SVI between 0.75-1.00 (high vulnerability)				<25% of the project cost is nature-based				Project delivers benefits in only 1 wider benefit category	
Storm Sewer Master Plan Improvements	17.5				0					0	0.96			10	0%			1	Transportation			1
Parker Creek					0				No impact on water supply				SVI between 0.5-0.75 (moderate to high vulnerability)	7			<25% of the project cost is nature-based				Project does not deliver any wider benefits	0
Maintenance	#REF!				0					0	0.67			/	0%			1	0			0
Turtle Creek Maintenace	2 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									No impact on water supply				SVI between 0.5-0.75 (moderate to high vulnerability)				<25% of the project cost is nature-based				Project does not deliver any wider benefits	
Pond Upper Happy Hollow Drainage Improvement	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
Smith Park Parker Creek	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
Improvements City of Longview Property Acquisition	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
Program City of Kilgore Property	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
Acquisition Orange County Property	,				0				No impact on water supply	0			SVI between 0.25-0.5 (low to moderate vulnerability)		0%		<25% of the project cost is nature-based	1			Project delivers benefits in only 1 wider benefit category	0
Acquisition Orange County Elevation of Residential	0				0				No impact on water supply	0	0.43		SVI between 0.25-0.5 (low to moderate vulnerability)	4			<25% of the project cost is nature-based	1	Environmental		Project delivers benefits in only 1 wider benefit category	1
Structures Program Bighead Creek Flooding Roadway Improvements	0				0				No impact on water supply	0	0.43		SVI between 0.5-0.75 (moderate to high vulnerability)	4	0%		<25% of the project cost is nature-based	1	Environmental		Project delivers benefits in only 1 wider benefit category	1
to Stone Road Harris Creek Tributary	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
Flooding Iron Bridge Creek	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
Neighborhood Flooding CR-342 Drainage	0				0				No impact on water supply	0	0.59		SVI between 0.25-0.5 (low to moderate vulnerability)	7	0%		<25% of the project cost is nature-based	1	Transportation		Project delivers benefits in only 1 wider benefit category	1
Improvements Sabine Flood	0				0				No impact on water supply	0	0.44		SVI between 0.5-0.75 (moderate to high vulnerability)	4	0%		<25% of the project cost is nature-based	1	Transportation		Project does not deliver any wider benefits	1
Measurement Gages	0				0					0	0.54			7	0%		<25% of the project cost is	1	0		Project does not deliver	0
	0				0	L					0.00	<u>I</u>			0%		nature-based	1	0		any wider benefits	0



		Score	11: 0&M		Score	12: Admin, Regulatory Ob	stacles	Sc	ore 13: Enviromental Ben	efit		Score 14: Environmental Impa	:t		Score 1	5: Mobility			Score 16: Regional	·
Project Name	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	s -		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				3	Project region has recommended <10% of total projects	10
Parker Creek			Project will not require any ongoing operations			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				3:	Project region has recommended <10% of total projects	10
Maintenance Turtle Creek Maintenace			and maintenance (low) 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				3:	Project region has recommended <10% of total projects	10
Upper Happy Hollow Drainage Improvement -			Project will not require any ongoing operations			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				3	Project region has recommended <10% of total projects	10
City Park Parker Creek Detention Pond	\$		and maintenance (low) 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)	2		Project has no adverse environmental impacts	10	0				3:	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				3	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				3	Project region has recommended <10% of total projects	10
City of Longview Property Acquisition Program	s -		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				3	Project region has recommended <10% of total projects	10
City of Kilgore Property Acquisition	s -		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				3	Project region has recommended <10% of total projects	10
Orange County Property Acquisition	s -		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				3	Project region has recommended <10% of total projects	10
Orange County Elevation of Residential Structures Program	s -		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				3	Project region has recommended <10% of total projects	10
Bighead Creek Flooding Roadway Improvements to Stone Road	- 5 5 -		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				3	Project region has recommended <10% of total projects	10
Harris Creek Tributary Flooding	s -		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				3	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				3	Project region has recommended <10% of total projects	10
CR-342 Drainage Improvements	s -		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				3	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	o				3	Project region has recommended <10% of total projects	10
and the second second	\$ -		0			0			0	Ū		Project has no adverse environmental impacts	10	0					Project region has recommended <10% of total projects	10