

VOLUME 2
Appendix 4-A (Map 16, 17, 18) to 4-C

FINAL

REGION 5 NECHES 2023 REGIONAL FLOOD PLAN

JANUARY 2023

DRAFT

PREPARED FOR THE
REGION 5 NECHES FLOOD PLANNING GROUP

APPENDIX 4-A
SUPPLEMENTARY MAPS FOR CHAPTER 4

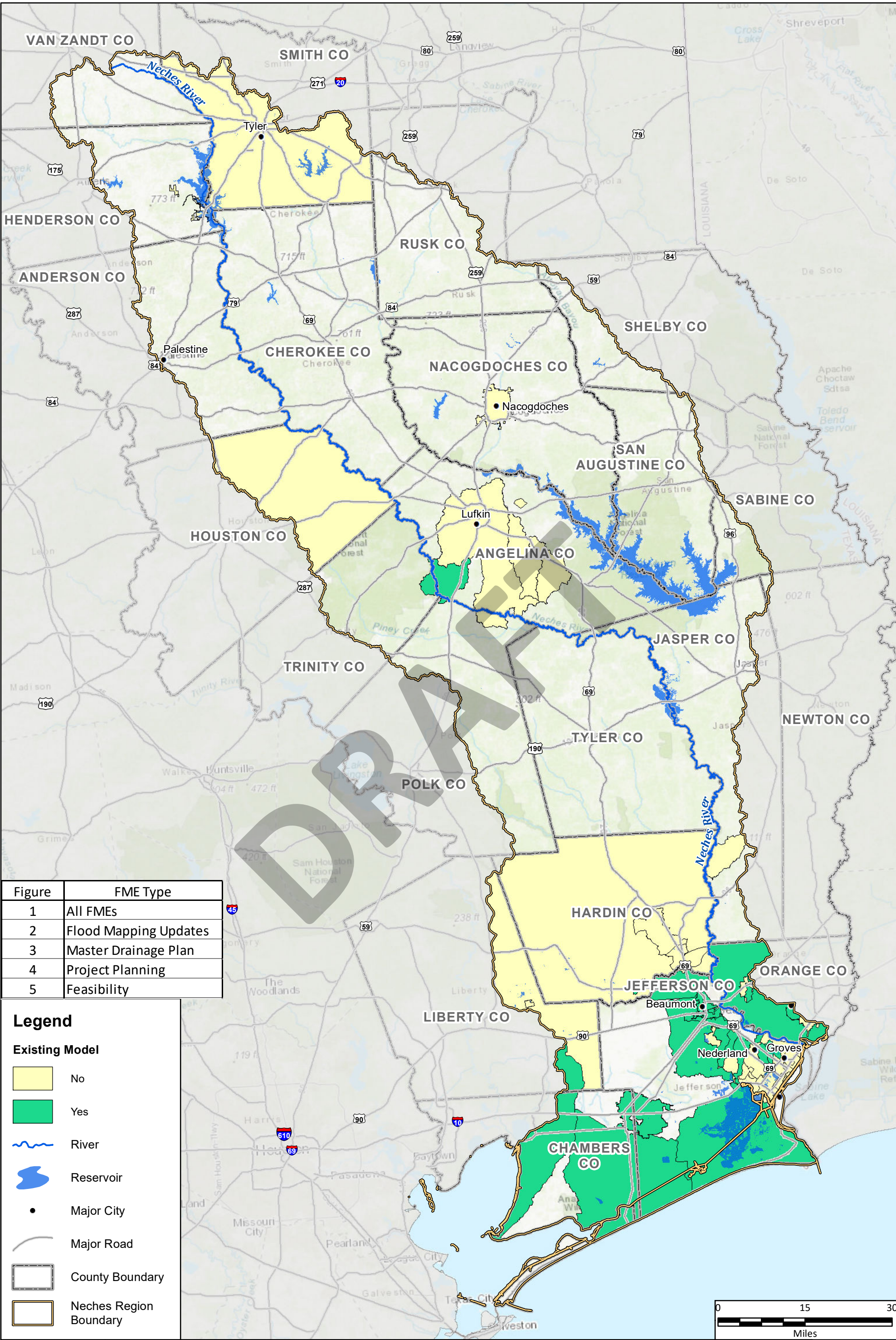


Figure	FME Type
1	All FMEs
2	Flood Mapping Updates
3	Master Drainage Plan
4	Project Planning
5	Feasibility

Legend

Existing Model

No

Yes

River

Reservoir

Major City

Major Road

County Boundary

Neches Region Boundary

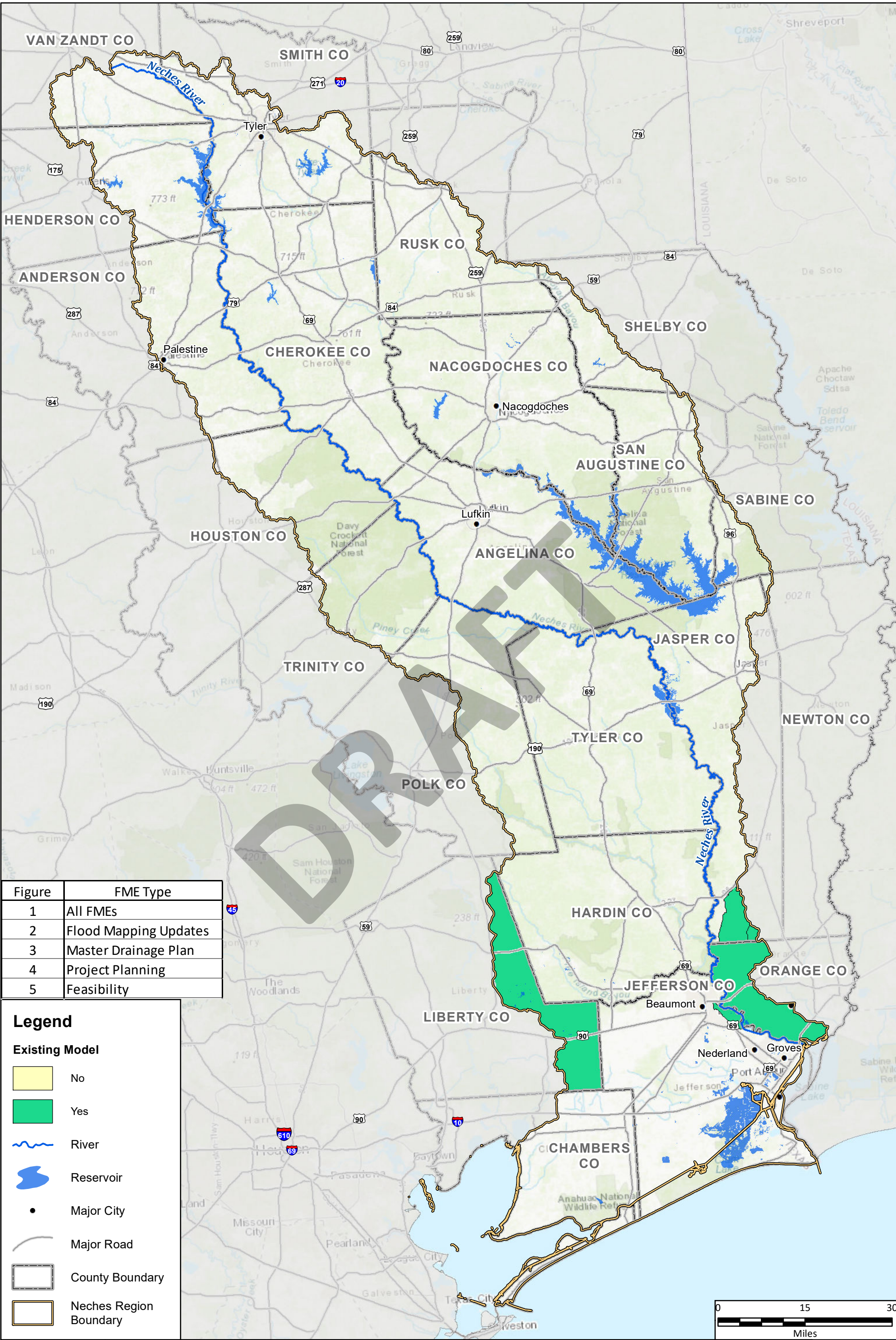


Figure	FME Type
1	All FMEs
2	Flood Mapping Updates
3	Master Drainage Plan
4	Project Planning
5	Feasibility

Legend

Existing Model

No

Yes

River

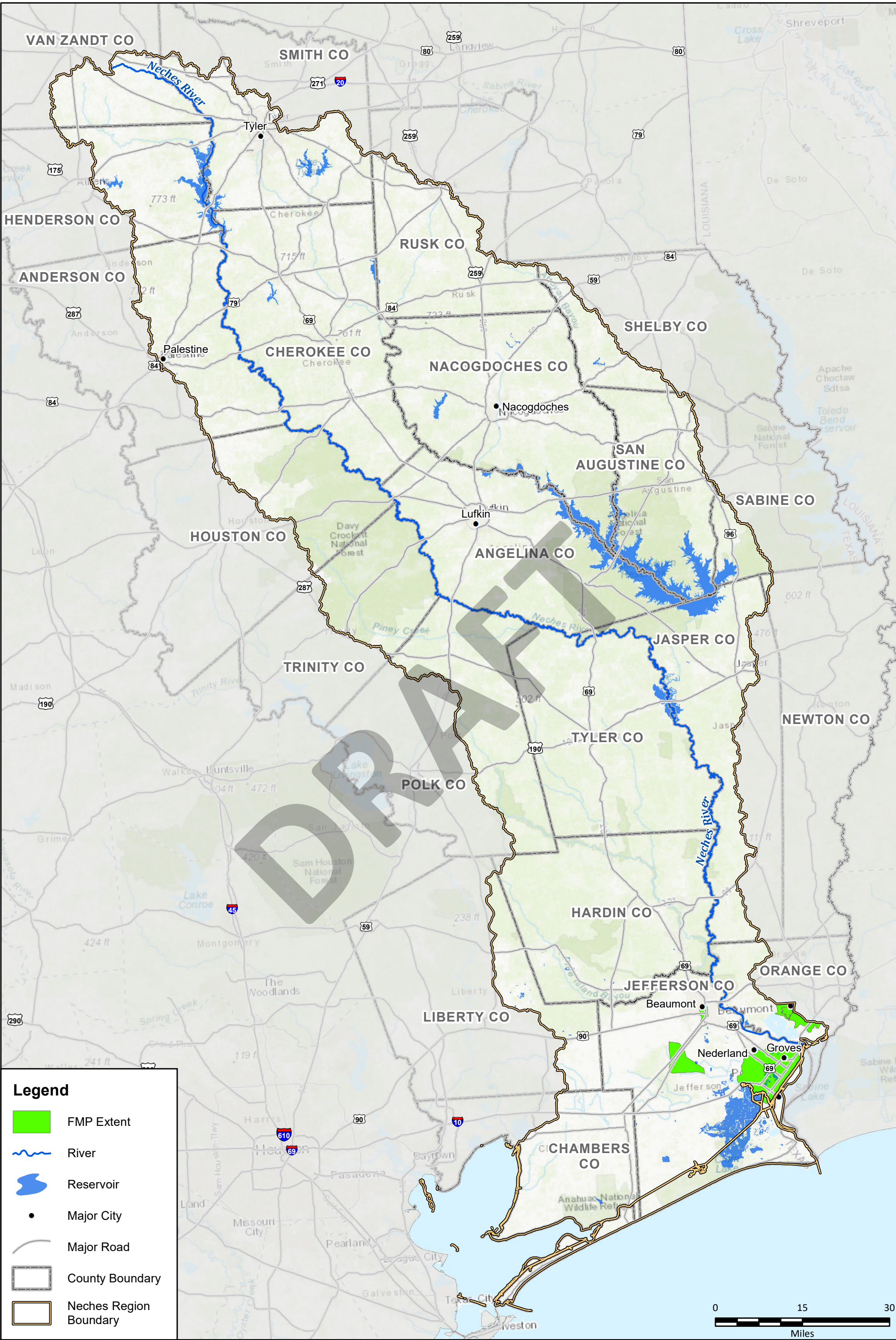
Reservoir

Major City

Major Road

County Boundary

Neches Region Boundary



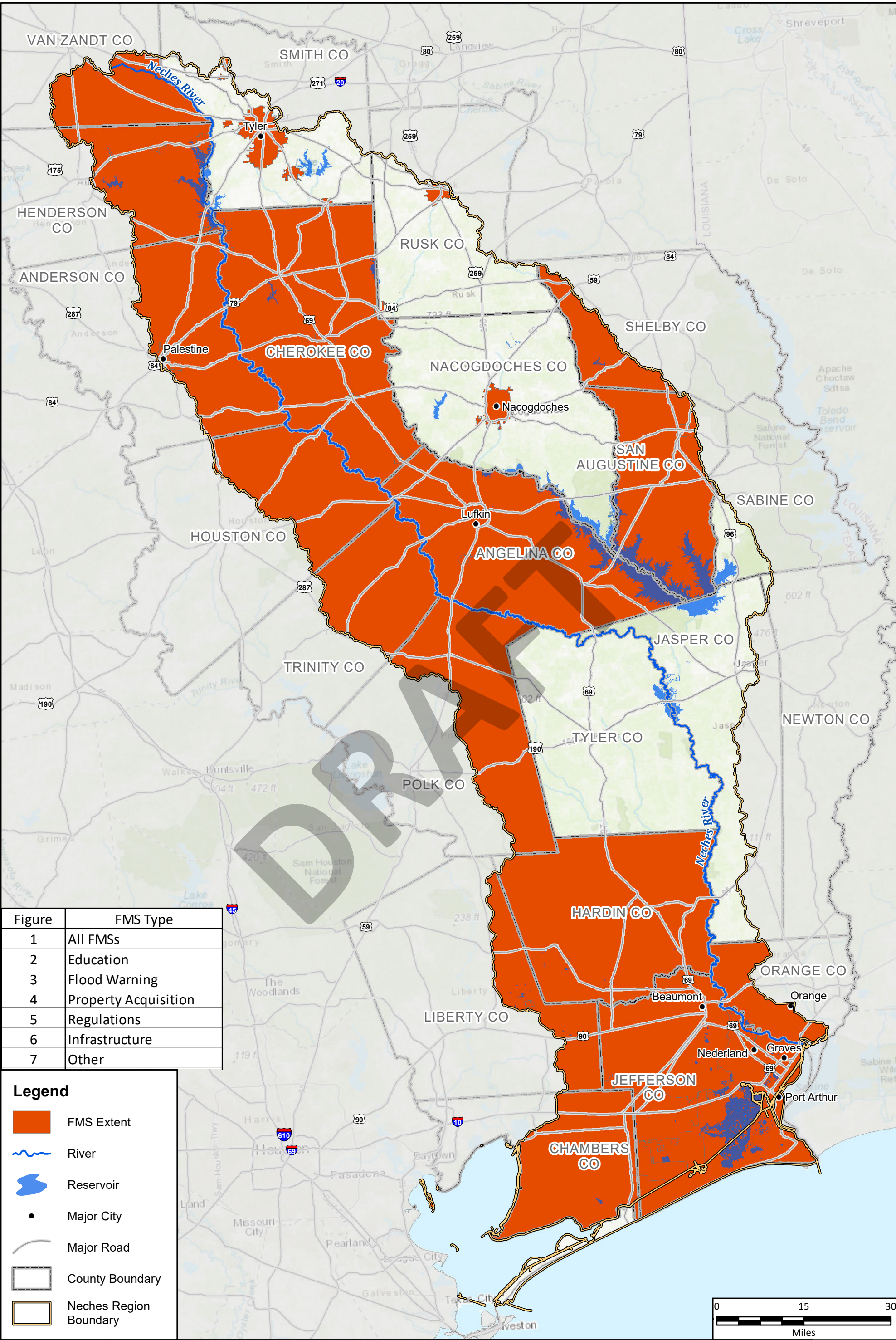


Figure	FMS Type
1	All FMSs
2	Education
3	Flood Warning
4	Property Acquisition
5	Regulations
6	Infrastructure
7	Other

Legend

FMS Extent

River

Reservoir

Major City

Major Road

County Boundary

Neches Region Boundary

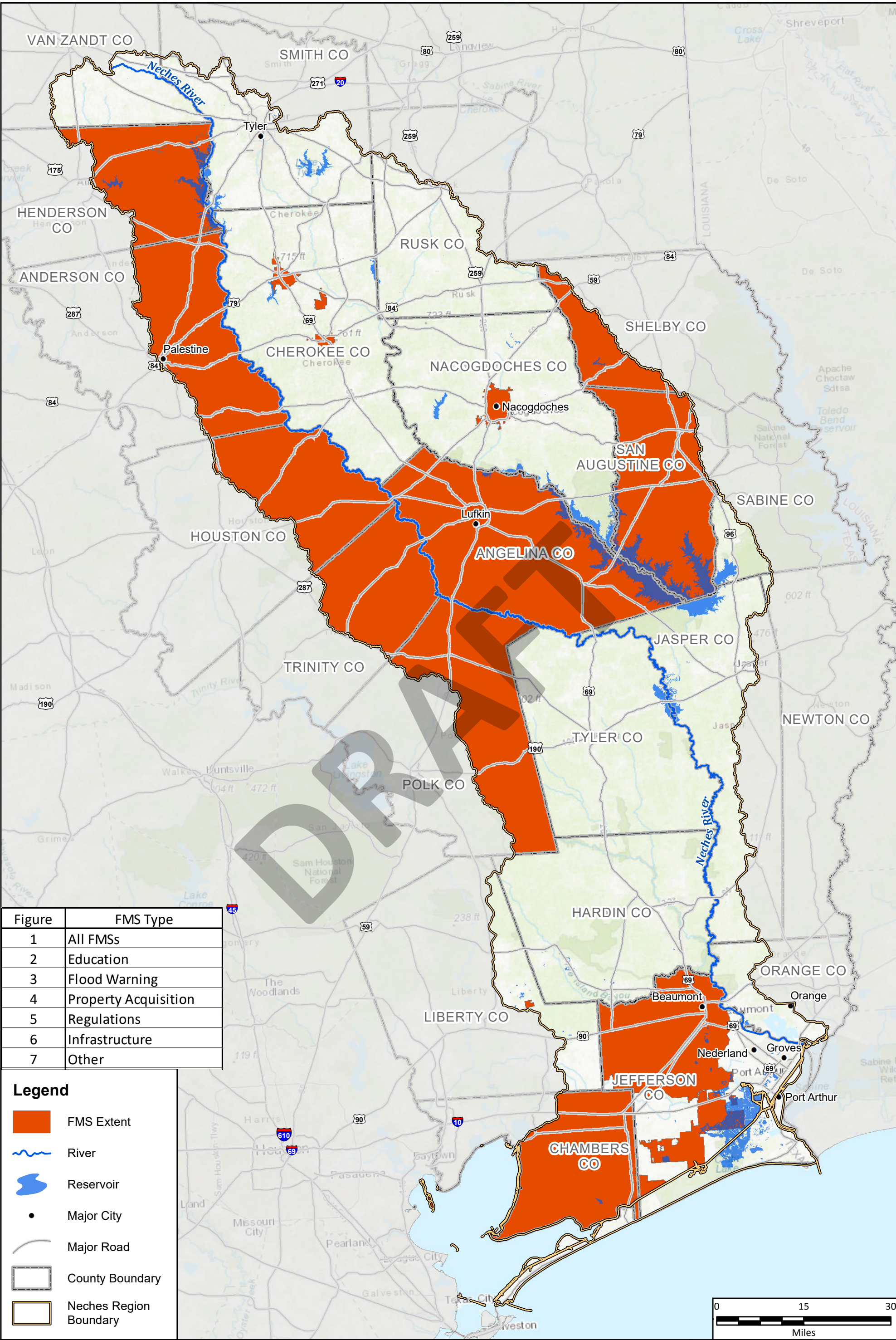






Figure	FMS Type
1	All FMSs
2	Education
3	Flood Warning
4	Property Acquisition
5	Regulations
6	Infrastructure
7	Other


Legend


 FMS Extent


 River

 Reservoir

 Major City

 Major Road

 County Boundary

 Neches Region Boundary

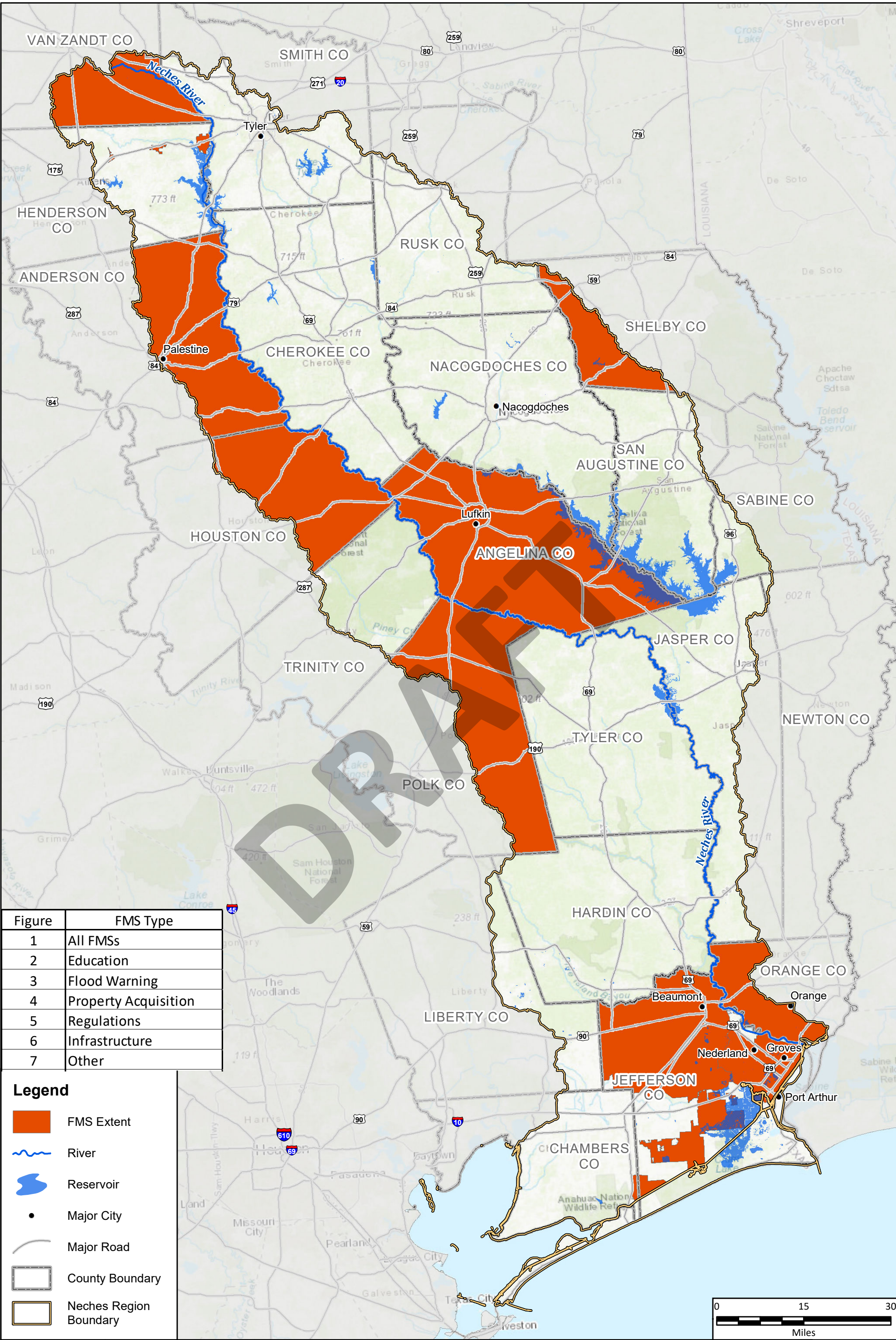






Figure	FMS Type
1	All FMSs
2	Education
3	Flood Warning
4	Property Acquisition
5	Regulations
6	Infrastructure
7	Other


Legend


 FMS Extent


 River

 Reservoir

 Major City

 Major Road

 County Boundary

 Neches Region Boundary

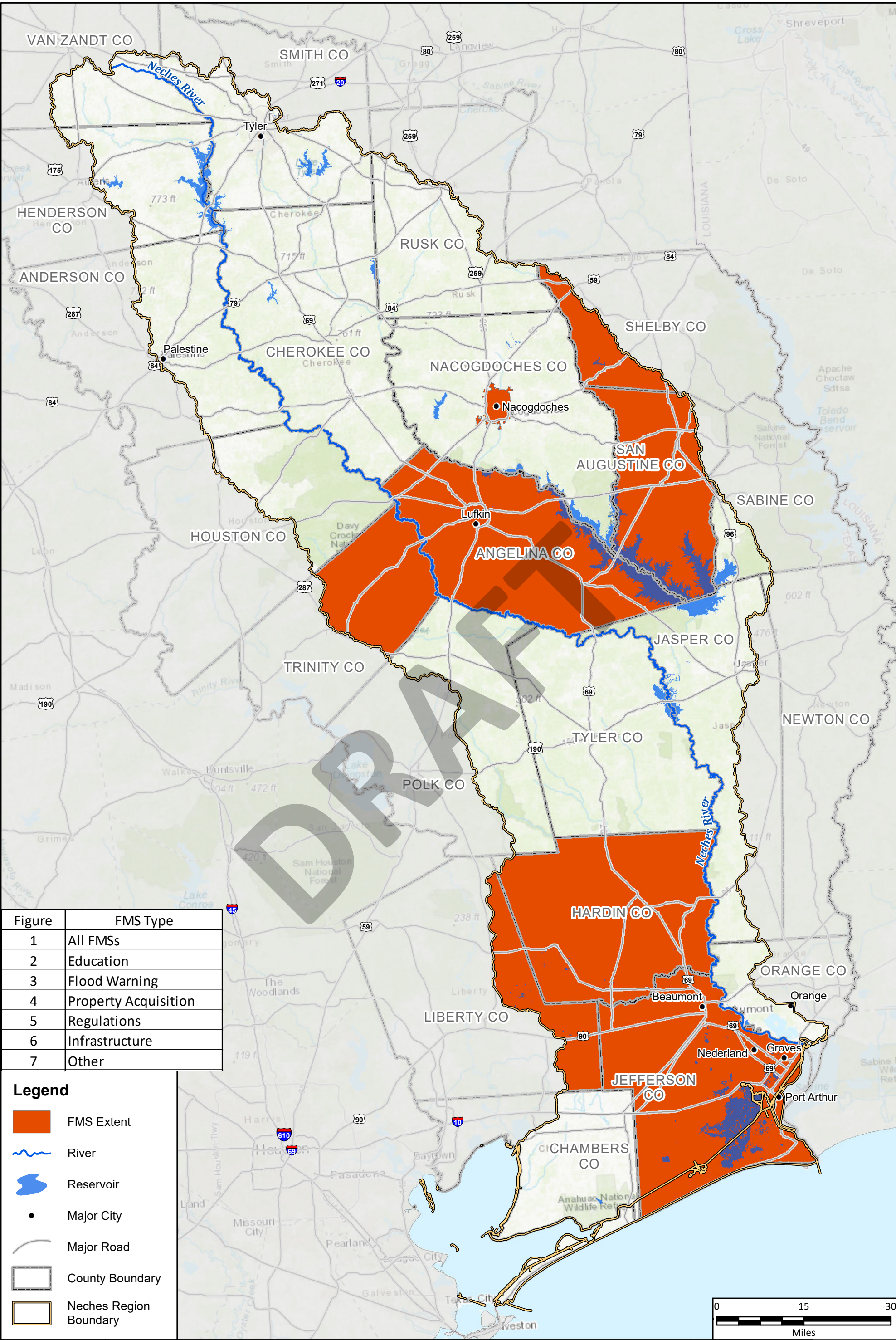






Figure	FMS Type
1	All FMSs
2	Education
3	Flood Warning
4	Property Acquisition
5	Regulations
6	Infrastructure
7	Other


Legend


 FMS Extent


 River

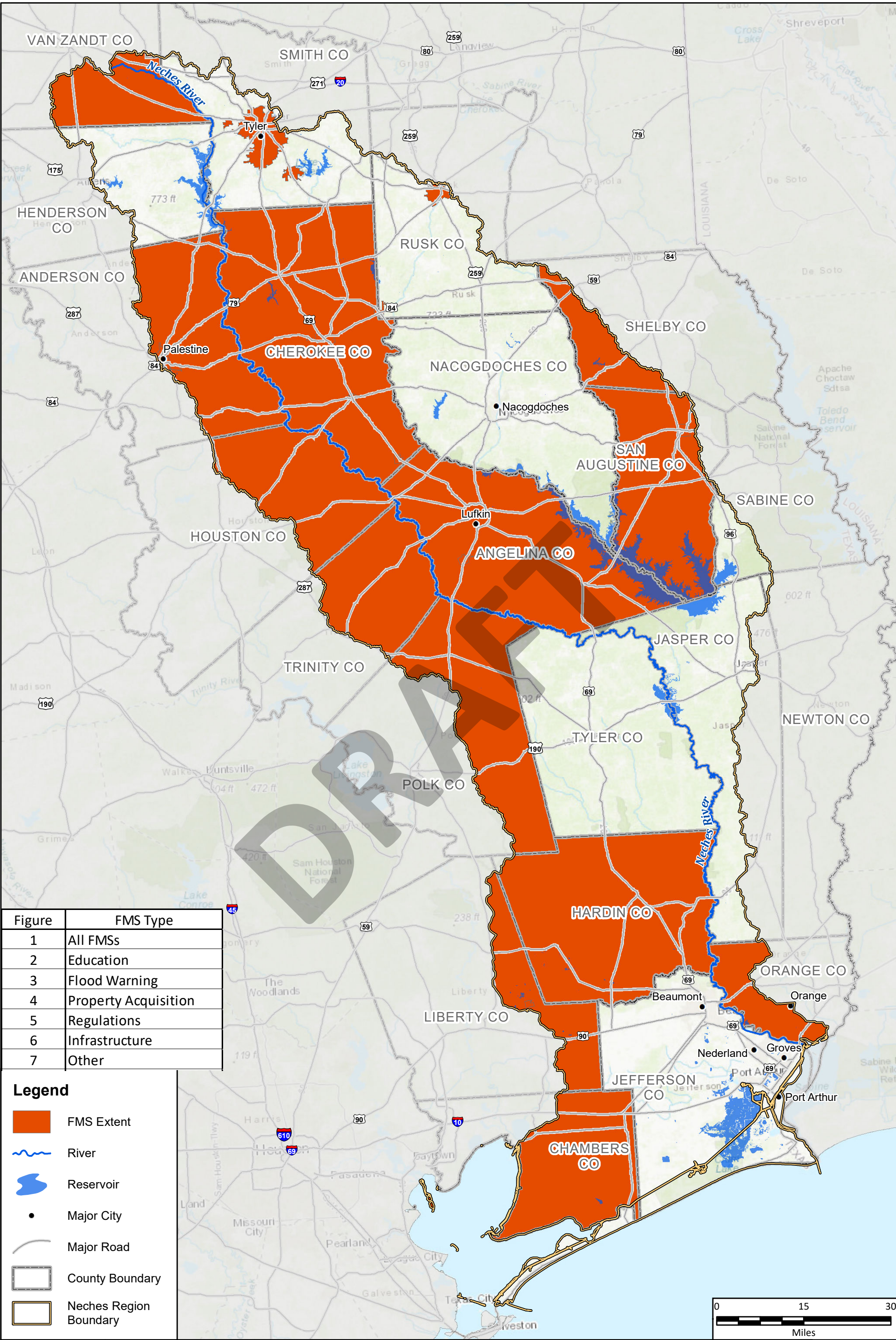
 Reservoir

 Major City

 Major Road

 County Boundary

 Neches Region Boundary



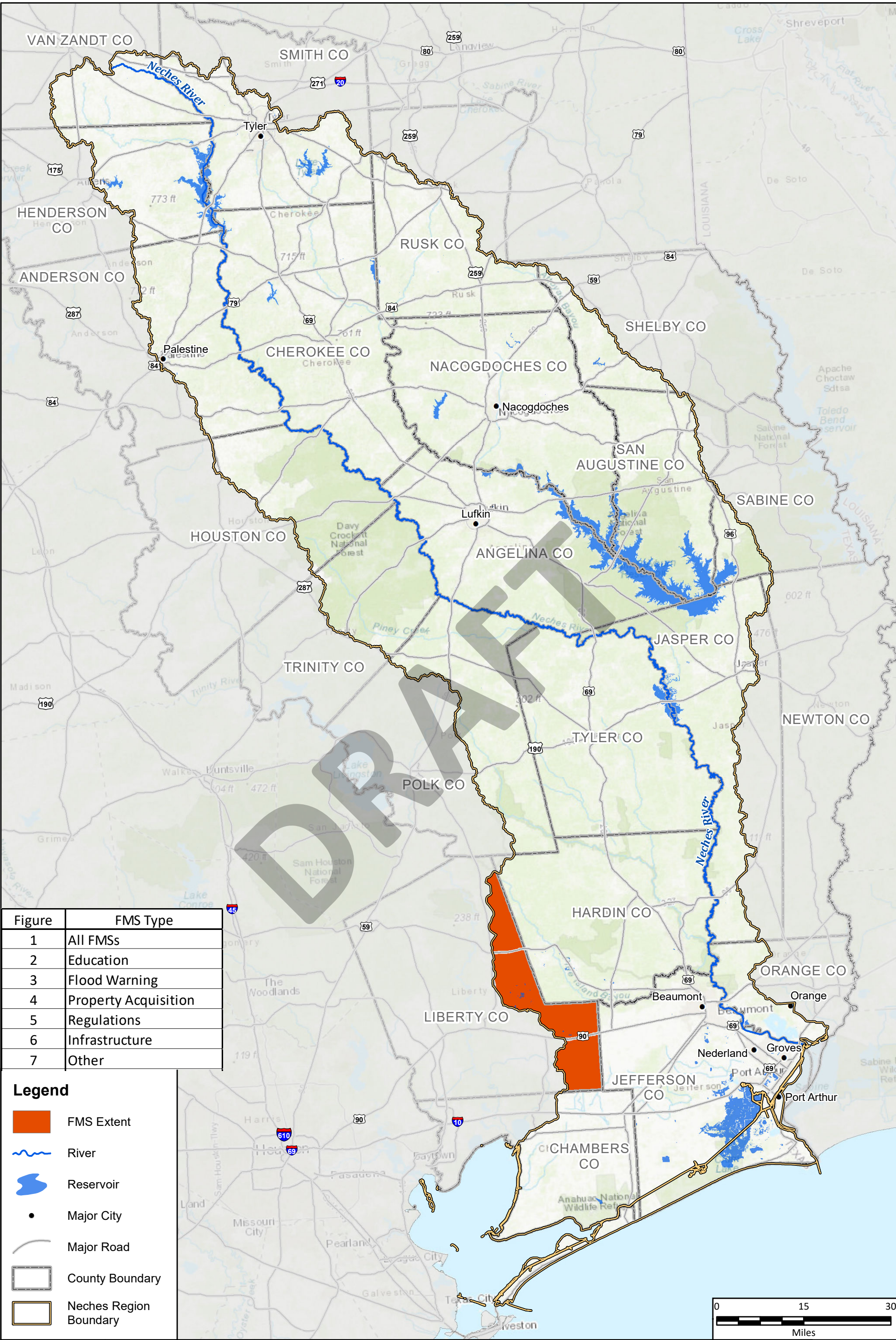






Figure	FMS Type
1	All FMSs
2	Education
3	Flood Warning
4	Property Acquisition
5	Regulations
6	Infrastructure
7	Other


Legend


 FMS Extent


 River

 Reservoir

 Major City

 Major Road

 County Boundary

 Neches Region Boundary

APPENDIX 4-B
**TABLES FOR POTENTIAL FLOOD MANAGEMENT EVALUATIONS, FLOOD
MANAGEMENT STRATEGIES, AND FLOOD MITIGATION PROJECTS**

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name
051000001	Anderson County Update 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.	05000015, 05000016	Anderson	12020001	Various	Upper Neches
051000002	Angelina County Update 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.	05000015, 05000016	Angelina	12020002, 12020003, 12020004, 12020005	Various	Middle Neches, Lower Neches, Upper Angelina, Lower Angelina
051000003	Chambers County Update 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.	05000015, 05000016	Chambers	12040201, 12040202, 12040203, 12040204	120402030200, 120402020100, 120402020400, 120402020500, 120402020200, 120402020300, 120402040200, 120402010100	Sabine Lake, East Galveston Bay, North Galveston Bay, West Galveston Bay
051000004	Cherokee County Update 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.	05000015, 05000016	Cherokee	12020001, 12020002, 12020004	Various	Upper Neches, Middle Neches, Upper Angelina
051000005	Galveston County Update 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.	05000015, 05000016	Galveston	12040202, 12040204	120402020100, 120402020400, 120402020500, 120402020300, 120402040200	East Galveston Bay, West Galveston Bay
051000006	Hardin County Update 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.	05000015, 05000016	Hardin	12020003, 12020006, 12020007	Various	Lower Neches, Village, Pine Island Bayou
051000007	Henderson County Update 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.	05000015, 05000016	Henderson	12020001	120200010203, 120200010404, 120200010205, 120200010206, 120200010301, 120200010302, 120200010304, 120200010103, 120200010202, 120200010204, 120200010305, 120200010303, 120200010307, 120200010403, 120200010405	Upper Neches

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount
051000001	Anderson County Update Flood Hazard Mapping	495	Riverine	Anderson	Anderson	Yes	\$2,236,919	Yes
051000002	Angelina County Update Flood Hazard Mapping	861	Riverine	Angelina	Angelina	Yes	\$3,900,000	Yes
051000003	Chambers County Update Flood Hazard Mapping	434	Riverine, Coastal	Chambers	Chambers	Yes	\$652,546	Yes
051000004	Cherokee County Update Flood Hazard Mapping	1,058	Riverine	Cherokee	Cherokee	Yes	\$4,800,000	Yes
051000005	Galveston County Update Flood Hazard Mapping	57	Riverine, Coastal	Galveston	Galveston	Yes	\$68,502	Yes
051000006	Hardin County Update Flood Hazard Mapping	888	Riverine	Hardin	Hardin	Yes	\$1,800,000	Yes
051000007	Henderson County Update Flood Hazard Mapping	374	Riverine	Henderson	Henderson	Yes	\$1,681,614	Yes

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	Estimated number of structures at flood risk	Habitable structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
051000001	Anderson County Update Flood Hazard Mapping	69	28	73	0	2	2	22	348	None	None
051000002	Angelina County Update Flood Hazard Mapping	1,201	750	8,420	11	19	19	66	165	None	2010
051000003	Chambers County Update Flood Hazard Mapping	1,175	459	1,431	0	0	0	162	36,933	2024	2024
051000004	Cherokee County Update Flood Hazard Mapping	672	302	1,382	1	10	10	49	920	None	None
051000005	Galveston County Update Flood Hazard Mapping	4,937	4476	2,373	8	0	0	143	330	2024	2024
051000006	Hardin County Update Flood Hazard Mapping	3,678	2638	10,528	25	13	13	136	743	2024	2024
051000007	Henderson County Update Flood Hazard Mapping	240	108	267	0	1	1	20	348	None	None

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name
051000008	Houston County Update 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.	05000015, 05000016	Houston	12020001, 12020002	120200010509, 120200010705, 120200010701, 120200010702, 120200010703, 120200020101, 120200020203, 120200020206, 120200020204, 120200020402, 120200020401, 120200020102, 120200020103, 120200020104, 120200020106, 120200020202	Upper Neches, Middle Neches
051000009	Jasper County Update 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.	05000015, 05000016	Jasper	12020002, 12020003, 12020005	Various	Middle Neches, Lower Neches, Lower Angelina
051000010	Jefferson County Update 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.	05000015, 05000016	Jefferson	12020003, 12020007, 12040201, 12040202	120200030407, 120200030405, 120200030406, 120200070110, 120200070105, 120200070201, 120200070205, 120200070304, 120200070303, 120402020500, 120402020200, 120402020300, 120402010500, 120402010100, 120402010200, 120402010300	Lower Neches, Pine Island Bayou, Sabine Lake, East Galveston Bay
051000011	Liberty County Update 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.	05000015, 05000016	Liberty	12020007, 12030203, 12040201, 12040202	120200070109, 120200070102, 120200070101, 120200070110, 120200070104, 120200070105, 120200070107, 120200070106, 120200070103, 120200070108, 120200070201, 120302030202, 120402020100, 120402020200, 120402010100	Pine Island Bayou, Lower Trinity, Sabine Lake, East Galveston Bay
051000012	Nacogdoches County Update 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.	05000015, 05000016	Nacogdoches	12020004, 12020005	Various	Upper Angelina, Lower Angelina
051000013	Orange County Update 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.	05000015, 05000016	Orange	12010005, 12020003, 12040201	120200030407, 120200030404, 120200030405, 120200030406, 120200030402, 120200030403, 120100051005, 120100051004, 120402010500	Lower Sabine, Lower Neches, Sabine Lake

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount
051000008	Houston County Update Flood Hazard Mapping	418	Riverine	Houston	Houston	Yes	\$1,697,174	Yes
051000009	Jasper County Update Flood Hazard Mapping	615	Riverine	Jasper	Jasper	Yes	\$1,210,721	Yes
051000010	Jefferson County Update Flood Hazard Mapping	954	Riverine, Coastal	Jefferson	Jefferson	Yes	\$1,900,000	Yes
051000011	Liberty County Update Flood Hazard Mapping	235	Riverine	Liberty	Liberty	Yes	\$402,626	Yes
051000012	Nacogdoches County Update Flood Hazard Mapping	977	Riverine	Nacogdoches	Nacogdoches	Yes	\$4,400,000	Yes
051000013	Orange County Update Flood Hazard Mapping	156	Riverine, Coastal	Orange	Orange	Yes	\$760,000	Yes

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	Estimated number of structures at flood risk	Habitable structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
051000008	Houston County Update Flood Hazard Mapping	17	3	16	0	7	7	20	117	None	None
051000009	Jasper County Update Flood Hazard Mapping	756	367	1,655	7	3	3	46	104	2024	2024
051000010	Jefferson County Update Flood Hazard Mapping	12,869	9726	40,765	316	22	22	474	33,019	2024	2024
051000011	Liberty County Update Flood Hazard Mapping	116	57	143	1	0	0	7	1,526	2024	2024
051000012	Nacogdoches County Update Flood Hazard Mapping	585	238	5,475	1	20	20	38	240	None	None
051000013	Orange County Update Flood Hazard Mapping	5,007	4273	11,929	36	20	20	136	346	2024	None

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name
051000014	Polk County Update 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.	05000015, 05000016	Polk	12020002, 12020006, 12020007	Various	Middle Neches, Village, Pine Island Bayou
051000015	Rusk County Update 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.	05000015, 05000016	Rusk	12020004, 12020005	Various	Upper Angelina, Lower Angelina
051000016	Sabine County Update 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.	05000015, 05000016	Sabine	12020005	120200050705, 120200050804, 120200050805, 120200050806, 120200050807, 120200050803, 120200050808, 120200050809	Lower Angelina
051000017	San Augustine County Update 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.	05000015, 05000016	San Augustine	12020005	Various	Lower Angelina
051000018	Shelby County Update 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.	05000015, 05000016	Shelby	12020005	120200050303, 120200050301, 120200050307, 120200050401, 120200050402, 120200050403, 120200050404, 120200050405, 120200050701	Lower Angelina
051000019	Smith County Update 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.	05000015, 05000016	Smith	12020001, 12020004	Various	Upper Neches, Upper Angelina
051000020	Trinity County Update 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.	05000015, 05000016	Trinity	12020002	120200020203, 120200020207, 120200020205, 120200020206, 120200020204, 120200020304, 120200020303, 120200020305, 120200020306, 120200020402, 120200020401, 120200020403, 120200020404, 120200020405, 120200020407, 120200020202	Middle Neches
051000021	Tyler County Update 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.	05000015, 05000016	Tyler	12020002, 12020003, 12020006	Various	Middle Neches, Lower Neches, Village

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount
051000014	Polk County Update Flood Hazard Mapping	535	Riverine	Polk	Polk	Yes	\$375,054	Yes
051000015	Rusk County Update Flood Hazard Mapping	525	Riverine	Rusk	Rusk	Yes	\$1,318,550	Yes
051000016	Sabine County Update Flood Hazard Mapping	95	Riverine	Sabine	Sabine	Yes	\$182,571	Yes
051000017	San Augustine County Update Flood Hazard Mapping	533	Riverine	San Augustine	San Augustine	Yes	\$904,125	Yes
051000018	Shelby County Update Flood Hazard Mapping	160	Riverine	Shelby	Shelby	Yes	\$711,827	Yes
051000019	Smith County Update Flood Hazard Mapping	510	Riverine	Smith	Smith	Yes	\$1,225,342	Yes
051000020	Trinity County Update Flood Hazard Mapping	342	Riverine	Trinity	Trinity	Yes	\$1,540,238	Yes
051000021	Tyler County Update Flood Hazard Mapping	932	Riverine	Tyler	Tyler	Yes	\$1,800,000	Yes

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	Estimated number of structures at flood risk	Habitable structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
051000014	Polk County Update Flood Hazard Mapping	84	45	368	0	8	8	17	62	None	2024
051000015	Rusk County Update Flood Hazard Mapping	91	45	191	1	0	0	21	206	None	None
051000016	Sabine County Update Flood Hazard Mapping	11	2	16	0	1	1	3	5	2024	2024
051000017	San Augustine County Update Flood Hazard Mapping	64	28	146	0	2	2	13	42	2024	None
051000018	Shelby County Update Flood Hazard Mapping	15	0	8	0	4	4	5	56	None	None
051000019	Smith County Update Flood Hazard Mapping	2,347	1064	8,524	72	42	42	50	216	None	None
051000020	Trinity County Update Flood Hazard Mapping	32	15	15	0	1	1	22	68	None	None
051000021	Tyler County Update Flood Hazard Mapping	545	377	329	0	8	8	42	82	2024	None

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name
051000022	Van Zandt County Update 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.	05000015, 05000016	Van Zandt	12020001	120200010201, 120200010203, 120200010205, 120200010206, 120200010301, 120200010101, 120200010102, 120200010103, 120200010105, 120200010202, 120200010204	Upper Neches
051000023	Anderson 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.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000015, 05000016	Anderson	12020001	Various	Upper Neches
051000024	Angelina 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.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000015, 05000016	Angelina	12020002, 12020003, 12020004, 12020005	Various	Middle Neches, Lower Neches, Upper Angelina, Lower Angelina
051000025	Chambers 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.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000015, 05000016	Chambers	12040201, 12040202, 12040203, 12040204	120402030200, 120402020100, 120402020400, 120402020500, 120402020200, 120402020300, 120402040200, 120402010100	Sabine Lake, East Galveston Bay, North Galveston Bay, West Galveston Bay
051000026	Cherokee 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.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000015, 05000016	Cherokee	12020001, 12020002, 12020004	Various	Upper Neches, Middle Neches, Upper Angelina
051000027	Hardin 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.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000015, 05000016	Hardin	12020003, 12020006, 12020007	Various	Lower Neches, Village, Pine Island Bayou

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount
051000022	Van Zandt County Update Flood Hazard Mapping	244	Riverine	Van Zandt	Van Zandt	Yes	\$1,111,237	Yes
051000023	Anderson County Master Drainage Plan	495	Riverine	Anderson	Anderson	Yes	\$737,953	Yes
051000024	Angelina County Master Drainage Plan	861	Riverine	Angelina	Angelina	Yes	\$1,700,000	Yes
051000025	Chambers County Master Drainage Plan	434	Riverine, Coastal	Chambers	Chambers	Yes	\$1,600,000	Yes
051000026	Cherokee County Master Drainage Plan	1,058	Riverine	Cherokee	Cherokee	Yes	\$1,600,000	Yes
051000027	Hardin County Master Drainage Plan	888	Riverine	Hardin	Hardin	Yes	\$1,000,000	Yes

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	Estimated number of structures at flood risk	Habitable structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
051000022	Van Zandt County Update Flood Hazard Mapping	217	144	233	0	0	0	13	232	None	None
051000023	Anderson County Master Drainage Plan	69	28	73	0	2	2	22	348	None	None
051000024	Angelina County Master Drainage Plan	1,201	750	8,420	11	19	19	66	165	None	None
051000025	Chambers County Master Drainage Plan	1,175	459	1,431	0	0	0	162	36,933	2024	2024
051000026	Cherokee County Master Drainage Plan	672	302	1,382	1	10	10	49	920	None	None
051000027	Hardin County Master Drainage Plan	3,678	2638	10,528	25	13	13	136	743	2024	2024

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name
051000028	Henderson 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.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000015, 05000016	Henderson	12020001	120200010203, 120200010404, 120200010205, 120200010206, 120200010301, 120200010302, 120200010304, 120200010103, 120200010202, 120200010204, 120200010305, 120200010303, 120200010307, 120200010403, 120200010405	Upper Neches
051000029	Houston 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.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000015, 05000016	Houston	12020001, 12020002	120200010509, 120200010705, 120200010701, 120200010702, 120200010703, 120200020101, 120200020203, 120200020206, 120200020204, 120200020402, 120200020401, 120200020102, 120200020103, 120200020104, 120200020106, 120200020202	Upper Neches, Middle Neches
051000030	Jasper 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.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000015, 05000016	Jasper	12020002, 12020003, 12020005	Various	Middle Neches, Lower Neches, Lower Angelina
051000031	Jefferson 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.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000015, 05000016	Jefferson	12020003, 12020007, 12040201, 12040202	120200030407, 120200030405, 120200030406, 120200070110, 120200070105, 120200070201, 120200070205, 120200070304, 120200070303, 120402020500, 120402020200, 120402020300, 120402010500, 120402010100, 120402010200, 120402010300	Lower Neches, Pine Island Bayou, Sabine Lake, East Galveston Bay
051000032	Liberty County Master Drainage Plan	Complete a county wide drainage plan, which can be used for regulatory purposes.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000015, 05000016	Liberty	12020007, 12030203, 12040201, 12040202	120200070109, 120200070102, 120200070101, 120200070110, 120200070104, 120200070105, 120200070107, 120200070106, 120200070103, 120200070108, 120200070201, 120302030202, 120402020100, 120402020200, 120402010100	Pine Island Bayou, Lower Trinity, Sabine Lake, East Galveston Bay

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount
051000028	Henderson County Master Drainage Plan	374	Riverine	Henderson	Henderson	Yes	\$1,900,000	Yes
051000029	Houston County Master Drainage Plan	418	Riverine	Houston	Houston	Yes	\$610,983	Yes
051000030	Jasper County Master Drainage Plan	615	Riverine	Jasper	Jasper	Yes	\$1,200,000	Yes
051000031	Jefferson County Master Drainage Plan	954	Riverine, Coastal	Jefferson	Jefferson	Yes	\$1,100,000	Yes
051000032	Liberty County Master Drainage Plan	235	Riverine	Liberty County Drainage District	Liberty County Drainage District	Yes	\$201,313	Yes

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	Estimated number of structures at flood risk	Habitable structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
051000028	Henderson County Master Drainage Plan	240	108	267	0	1	1	20	348	None	None
051000029	Houston County Master Drainage Plan	17	3	16	0	7	7	20	117	None	None
051000030	Jasper County Master Drainage Plan	756	367	1,655	7	3	3	46	104	2024	2024
051000031	Jefferson County Master Drainage Plan	12,869	9726	40,765	316	22	22	474	33,019	2024	2024
051000032	Liberty County Master Drainage Plan	116	57	143	1	0	0	7	1,526	2024	2024

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name
051000033	Nacogdoches 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.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000015, 05000016	Nacogdoches	12020004, 12020005	Various	Upper Angelina, Lower Angelina
051000034	Orange 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.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000015, 05000016	Orange	12010005, 12020003, 12040201	120200030407, 120200030404, 120200030405, 120200030406, 120200030402, 120200030403, 120100051005, 120100051004, 120402010500	Lower Sabine, Lower Neches, Sabine Lake
051000035	Polk 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.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000015, 05000016	Polk	12020002, 12020006, 12020007	Various	Middle Neches, Village, Pine Island Bayou
051000036	Rusk 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.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000015, 05000016	Rusk	12020004, 12020005	Various	Upper Angelina, Lower Angelina
051000037	Sabine 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.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000015, 05000016	Sabine	12020005	120200050705, 120200050804, 120200050805, 120200050806, 120200050807, 120200050803, 120200050808, 120200050809	Lower Angelina
051000038	San Augustine 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.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000015, 05000016	San Augustine	12020005	Various	Lower Angelina

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount
051000033	Nacogdoches County Master Drainage Plan	977	Riverine	Nacogdoches	Nacogdoches	Yes	\$1,900,000	Yes
051000034	Orange County Master Drainage Plan	156	Riverine, Coastal	Orange	Orange	Yes	\$450,000	Yes
051000035	Polk County Master Drainage Plan	535	Riverine	Polk	Polk	Yes	\$150,021	Yes
051000036	Rusk County Master Drainage Plan	525	Riverine	Rusk	Rusk	Yes	\$1,400,000	Yes
051000037	Sabine County Master Drainage Plan	95	Riverine	Sabine	Sabine	Yes	\$76,348	Yes
051000038	San Augustine County Master Drainage Plan	533	Riverine	San Augustine	San Augustine	Yes	\$379,732	Yes

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	Estimated number of structures at flood risk	Habitable structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
051000033	Nacogdoches County Master Drainage Plan	585	238	5,475	1	20	20	38	240	None	None
051000034	Orange County Master Drainage Plan	5,007	4273	11,929	36	20	20	136	346	2024	None
051000035	Polk County Master Drainage Plan	84	45	368	0	8	8	17	62	2024	2024
051000036	Rusk County Master Drainage Plan	91	45	191	1	0	0	21	206	None	None
051000037	Sabine County Master Drainage Plan	11	2	16	0	1	1	3	5	2024	2024
051000038	San Augustine County Master Drainage Plan	64	28	146	0	2	2	13	42	2024	None

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name
051000039	Shelby 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.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000015, 05000016	Shelby	12020005	120200050303, 120200050301, 120200050307, 120200050401, 120200050402, 120200050403, 120200050404, 120200050405, 120200050701	Lower Angelina
051000040	Smith 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.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000015, 05000016	Smith	12020001, 12020004	Various	Upper Neches, Upper Angelina
051000041	Trinity 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.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000015, 05000016	Trinity	12020002	120200020203, 120200020207, 120200020205, 120200020206, 120200020204, 120200020304, 120200020303, 120200020305, 120200020306, 120200020402, 120200020401, 120200020403, 120200020404, 120200020405, 120200020407, 120200020202	Middle Neches
051000042	Tyler 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.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000015, 05000016	Tyler	12020002, 12020003, 12020006	Various	Middle Neches, Lower Neches, Village
051000043	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.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000015, 05000016	Van Zandt	12020001	120200010201, 120200010203, 120200010205, 120200010206, 120200010301, 120200010101, 120200010102, 120200010103, 120200010105, 120200010202, 120200010204	Upper Neches
051000044	City of Palestine 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.	05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000015, 05000016	Anderson	12020001	120200010502, 120200010504	Upper Neches

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount
051000039	Shelby County Master Drainage Plan	160	Riverine	Shelby	Shelby	Yes	\$1,250,000	Yes
051000040	Smith County Master Drainage Plan	510	Riverine	Smith	Smith	Yes	\$538,612	Yes
051000041	Trinity County Master Drainage Plan	342	Riverine	Trinity	Trinity	Yes	\$481,324	Yes
051000042	Tyler County Master Drainage Plan	932	Riverine	Tyler	Tyler	Yes	\$700,000	Yes
051000043	Van Zandt County Master Drainage Plan	244	Riverine	Van Zandt	Van Zandt	Yes	\$484,386	Yes
051000044	City of Palestine Master Drainage Plan	7	Riverine	Palestine	Palestine	Yes	\$700,000	Yes

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	Estimated number of structures at flood risk	Habitable structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
051000039	Shelby County Master Drainage Plan	15	0	8	0	4	4	5	56	None	None
051000040	Smith County Master Drainage Plan	2,347	1064	8,524	72	42	42	50	216	None	None
051000041	Trinity County Master Drainage Plan	32	15	15	0	1	1	22	68	None	None
051000042	Tyler County Master Drainage Plan	545	377	329	0	8	8	42	82	2024	None
051000043	Van Zandt County Master Drainage Plan	217	144	233	0	0	0	13	232	None	None
051000044	City of Palestine Master Drainage Plan	14	10	42	0	2	2	2	2	None	None

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name
051000045	City of Lufkin 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.	05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000015, 05000016	Angelina	12020002, 12020005	120200020301, 120200020302, 120200020308, 120200020502, 120200050104	Middle Neches, Lower Angelina
051000046	City of Jacksonville 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.	05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000015, 05000016	Cherokee	12020001, 12020004	120200010506, 120200040201, 120200040204	Upper Neches, Upper Angelina
051000047	City of Rusk 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.	05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000015, 05000016	Cherokee	12020001, 12020004	120200010601, 120200010602, 120200040206, 120200040207	Upper Neches, Upper Angelina
051000048	City of Lumberton 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.	05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000015, 05000016	Hardin	12020006, 12020007	120200060407, 120200070303	Village, Pine Island Bayou
051000049	City of Rose Hill Acres Master Drainage Plan	Develop drainage study to identify flood mitigation measures and drainage improvements including purchase of easements in the ETJ or a possible MOU to implement improvements.	05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000015, 05000016	Hardin	12020007	120200070303	Pine Island Bayou
051000050	City of Silsbee 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.	05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000015, 05000016	Hardin	12020003, 12020006	120200030401, 120200060406, 120200060407	Lower Neches, Village

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount
051000045	City of Lufkin Master Drainage Plan	35	Riverine	Lufkin	Lufkin	Yes	\$1,000,000	Yes
051000046	City of Jacksonville Master Drainage Plan	17	Riverine	Jacksonville	Jacksonville	Yes	\$560,000	Yes
051000047	City of Rusk Master Drainage Plan	7	Riverine	Rusk	Rusk	No	\$280,000	Yes
051000048	City of Lumberton Master Drainage Plan	11	Riverine	Lumberton	Lumberton	Yes	\$380,000	Yes
051000049	City of Rose Hill Acres Master Drainage Plan	0	Riverine	Rose Hill Acres	Rose Hill Acres	Yes	\$200,000	Yes
051000050	City of Silsbee Master Drainage Plan	8	Riverine	Silsbee	Silsbee	Yes	\$320,000	Yes

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	Estimated number of structures at flood risk	Habitable structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
051000045	City of Lufkin Master Drainage Plan	868	552	7,464	5	12	12	23	3	None	2010
051000046	City of Jacksonville Master Drainage Plan	367	152	663	0	7	7	4	5	None	None
051000047	City of Rusk Master Drainage Plan	41	9	462	0	0	0	2	2	None	None
051000048	City of Lumberton Master Drainage Plan	230	207	631	0	1	1	4	6	2016	None
051000049	City of Rose Hill Acres Master Drainage Plan	129	123	237	0	0	0	2	0	None	2024
051000050	City of Silsbee Master Drainage Plan	88	68	778	2	3	3	2	1	None	2024

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name
051000051	City of Athens 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.	05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000015, 05000016	Henderson	12020001	120200010303	Upper Neches
051000052	City of Jasper 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.	05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000015, 05000016	Jasper	12020003	120200030301, 120200030205	Lower Neches
051000053	City of Beaumont 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.	05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000015, 05000016	Jefferson	12020003, 12020007, 12040201	120200030405, 120200030406, 120200030407, 120200070205, 120200070303, 120200070304, 120402010200	Lower Neches, Pine Island Bayou, Sabine Lake
051000054	City of Nederland 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.	05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000015, 05000016	Jefferson	12020003, 12040201	120200030407, 120402010300	Lower Neches, Sabine Lake
051000055	City of Nacogdoches Update Flood Control Study	Conduct Flood Control Study and implement actions such as channelization, detention, retention, etc to stop repetitive flood losses.	05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000015, 05000016	Nacogdoches	12020004, 12020005	120200040704, 120200050101, 120200050102, 120200050106, 120200050201	Upper Angelina, Lower Angelina
051000056	City of Henderson 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.	05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000015, 05000016	Rusk	12020004	120200040401	Upper Angelina
051000057	City of Arp 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.	05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000015, 05000016	Smith	12020004	120200040106, 120200040102, 120200040101	Upper Angelina

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount
051000051	City of Athens Master Drainage Plan	1	Riverine	Athens	Athens	No	\$31,056	Yes
051000052	City of Jasper Master Drainage Plan	11	Riverine	Jasper	Jasper	Yes	\$440,000	Yes
051000053	City of Beaumont Master Drainage Plan	85	Riverine, Coastal	Beaumont	Beaumont	Yes	\$600,000	Yes
051000054	City of Nederland Master Drainage Plan	6	Riverine, Coastal	Nederland	Nederland	Yes	\$240,000	Yes
051000055	City of Nacogdoches Update Flood Control Study	28	Riverine	Nacogdoches	Nacogdoches	Yes	\$1,080,000	Yes
051000056	City of Henderson Master Drainage Plan	10	Riverine	Henderson	Henderson	No	\$480,000	Yes
051000057	City of Arp Master Drainage Plan	3	Riverine	Arp	Arp	No	\$1,300,000	Yes

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	Estimated number of structures at flood risk	Habitable structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
051000051	City of Athens Master Drainage Plan	0	0	0	0	0	0	0	0	None	None
051000052	City of Jasper Master Drainage Plan	171	66	1,141	7	2	2	6	2	None	None
051000053	City of Beaumont Master Drainage Plan	2,546	2102	12,713	16	4	4	55	120	2019	2024
051000054	City of Nederland Master Drainage Plan	381	163	1,050	3	0	0	3	1	None	None
051000055	City of Nacogdoches Update Flood Control Study	446	185	5,331	1	0	0	14	4	2010	None
051000056	City of Henderson Master Drainage Plan	37	17	97	0	0	0	2	5	None	None
051000057	City of Arp Master Drainage Plan	0	0	0	0	0	0	0	0	None	None

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name
051000058	City of Tyler 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.	05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000015, 05000016	Smith	12020001, 12020004	120200010301, 120200010302, 120200010104, 120200010105, 120200040104, 120200040103	Upper Neches, Upper Angelina
051000059	City of Whitehouse 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.	05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000015, 05000016	Smith	12020004	120200040103, 120200040105, 120200040106	Upper Angelina
051000060	Willie Nerron Road and Gillan Creek Bridge Replacement	Evaluate bridge improvements (upgrade bridge and increase channel flow) to current crossing to develop costs, quantify benefits, evaluate impacts, and begin design.	05000007, 05000008	Angelina	12020005	120200050107	Lower Angelina
051000061	Hall Street over White Oak Creek Bridge Improvements	Evaluate alternatives to elevate bridge over White Oak Creek on Hall St going into the park	05000007, 05000008	Angelina	12020002	120200020306	Middle Neches
051000062	Preliminary Engineering of Gibsonville Street and Porterville Road Bridges Improvements	Evaluate alternatives to raise bridges on Gibsonville St. and Porterville Road to increase flow of creek under.	05000007, 05000008	Angelina	12020002	120200020501	Middle Neches
051000063	Shawnee Creek Concrete Canal	Evaluate project to quantify benefits, evaluate impacts, and begin design for a concrete canal for Shawnee Creek from Louisiana Street to 6th Street.	05000001, 05000002	Angelina	12020002	120200020505	Middle Neches
051000064	City of Lufkin Detention Pond Construction and Improvements	Evaluate project to quantify benefits, evaluate impacts, and begin design for a retention pond behind Inez Timms property. Increase holding capacity of existing retention ponds throughout the city.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000009, 05000010	Angelina	12020002, 12020005	120200020301, 120200020302, 120200020308, 120200020502, 120200050104	Middle Neches, Lower Angelina
051000065	Anahuac, North of Canal Drainage	Study to identify possible drainage improvements in the city limits of Anahuac. Study will focus on the area north of the Chambers-Liberty Counties Navigation District canal generally along N. Main Street, Texas Avenue, and Work Street.	05000001, 05000002	Chambers	12040202	120402020100	East Galveston Bay

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount
051000058	City of Tyler Master Drainage Plan	56	Riverine	Tyler	Tyler	Yes	\$2,200,000	Yes
051000059	City of Whitehouse Master Drainage Plan	5	Riverine	Whitehouse	Whitehouse	Yes	\$150,000	Yes
051000060	Willie Nerron Road and Gillan Creek Bridge Replacement	2	Riverine	Angelina	Angelina	No	\$325,000	Yes
051000061	Hall Street over White Oak Creek Bridge Improvements	41	Riverine	Diboll	Diboll	Yes	\$103,000	Yes
051000062	Preliminary Engineering of Gibsonville Street and Porterville Road Bridges Improvements	48	Riverine	Huntington	Huntington	No	\$650,000	Yes
051000063	Shawnee Creek Concrete Canal	40	Riverine	Huntington	Huntington	Yes	\$390,000	Yes
051000064	City of Lufkin Detention Pond Construction and Improvements	220	Riverine	Lufkin	Lufkin	Yes	\$82,500	Yes
051000065	Anahuac, North of Canal Drainage	139	Riverine, Coastal	Chambers	Chambers	Yes	\$100,000	Yes

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	Estimated number of structures at flood risk	Habitable structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
051000058	City of Tyler Master Drainage Plan	1,042	755	7,482	72	31	31	23	4	2008	None
051000059	City of Whitehouse Master Drainage Plan	36	18	97	0	1	1	1	2	None	None
051000060	Willie Nerron Road and Gillan Creek Bridge Replacement	0	0	0	0	0	0	0	0	None	None
051000061	Hall Street over White Oak Creek Bridge Improvements	155	71	703	6	0	0	7	15	None	None
051000062	Preliminary Engineering of Gibsonville Street and Porterville Road Bridges Improvements	6	4	0	0	0	0	3	4	None	None
051000063	Shawnee Creek Concrete Canal	17	14	22	0	2	2	2	5	None	None
051000064	City of Lufkin Detention Pond Construction and Improvements	969	619	7,640	5	16	16	34	37	None	None
051000065	Anahuac, North of Canal Drainage	949	379	1,134	0	0	0	59	10,886	2024	2024

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name
051000066	Dredging West Fork- Double Bayou	Evaluate project to quantify benefits, evaluate impacts, and begin design. Improvements include dredging West Fork- Double Bayou from mouth to FM 562 bridge.	05000001, 05000002	Chambers	12040202	120402020100	East Galveston Bay
051000067	Spindletop Bayou Ditch Improvement	Evaluate project to quantify benefits, evaluate impacts, and begin design. Improvements include increasing IH10 crossings, enlarge ditches and create retention along the Spindletop Bayou in east Chambers County.	05000001, 05000002	Chambers	12040202	120402020300	East Galveston Bay
051000068	North Anahuac Drainage	Evaluate project to quantify benefits, evaluate impacts, and begin design. Improvements include expanding/repairing road ditches and culverts and channelizing the drainage outfall for the area north of Lonestar Canal.	05000001, 05000002	Chambers	12040202	120402020100	East Galveston Bay
051000069	Southeast Drainage Ditch	Evaluate project to quantify benefits, evaluate impacts, and begin design. Improvements include channelization and crossing upgrades from Benton Lane to FM 563.	05000001, 05000002	Chambers	12040202	120402020100	East Galveston Bay
051000070	Southwest Anahuac Ditch	Evaluate project to quantify benefits, evaluate impacts, and begin design. Improvements include channelization and crossing upgrades from Main Street to Bay.	05000001, 05000002	Chambers	12040202	120402020100	East Galveston Bay
051000071	City of Lumberton Adler Ditch Drainage Improvements	H&H Study to identify alternatives for improving existing drainage of Adler Ditch	05000001, 05000002, 05000007, 05000008	Hardin	12020006, 12020007	120200060407, 120200070303	Village, Pine Island Bayou
051000072	City of Lumberton East Village Creek Parkway Drainage Improvements	H&H Study to identify alternatives for improving existing drainage of East Village Creek Parkway	05000007, 05000008	Hardin	12020006, 12020007	120200060407, 120200070303	Village, Pine Island Bayou
051000073	City of Lumberton Greens Branch Ditch Western Extension	H&H Study to identify alternatives for improving existing drainage of Greens Branch Ditch	05000001, 05000002, 05000007, 05000008	Hardin	12020006, 12020007	120200060407, 120200070303	Village, Pine Island Bayou
051000074	City of Lumberton Drainage Chance Cut Off Concrete Lining	H&H Study to identify alternatives for improving existing drainage of Chance Cut Off	05000001, 05000002, 05000007, 05000008	Hardin	12020006, 12020007	120200060407, 120200070303	Village, Pine Island Bayou
051000075	City of Lumberton Detention Pond at FM 421	H&H Study to develop alternatives for detention at FM 421	05000001, 05000002, 05000005, 05000006	Hardin	12020007	120200070303	Pine Island Bayou
051000076	City of Lumberton Elevate Taft Road and Brushy Creek Subdivision	H&H Study to identify alternatives for elevating Taft Road and Brushy Creek Subdivision	05000007, 05000008	Hardin	12020006	120200060407	Village

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount
051000066	Dredging West Fork- Double Bayou	139	Riverine, Coastal	Chambers	Chambers	Yes	\$1,400,000	Yes
051000067	Spindletop Bayou Ditch Improvement	302	Riverine, Coastal	Chambers	Chambers	Yes	\$1,500,000	Yes
051000068	North Anahuac Drainage	139	Riverine, Coastal	Anahuac	Anahuac	Yes	\$800,000	Yes
051000069	Southeast Drainage Ditch	139	Riverine, Coastal	Anahuac	Anahuac	Yes	\$125,000	Yes
051000070	Southwest Anahuac Ditch	139	Riverine, Coastal	Anahuac	Anahuac	Yes	\$125,000	Yes
051000071	City of Lumberton Adler Ditch Drainage Improvements	3	Riverine	Lumberton	Lumberton	Yes	\$100,000	Yes
051000072	City of Lumberton East Village Creek Parkway Drainage Improvements	2	Riverine	Lumberton	Lumberton	Yes	\$125,000	Yes
051000073	City of Lumberton Greens Branch Ditch Western Extension	11	Riverine	Lumberton	Lumberton	Yes	\$100,000	Yes
051000074	City of Lumberton Drainage Chance Cut Off Concrete Lining	2	Riverine	Lumberton	Lumberton	Yes	\$50,000	Yes
051000075	City of Lumberton Detention Pond at FM 421	11	Riverine	Lumberton	Lumberton	Yes	\$50,000	Yes
051000076	City of Lumberton Elevate Taft Road and Brushy Creek Subdivision	0	Riverine	Lumberton	Lumberton	Yes	\$75,000	Yes

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	Estimated number of structures at flood risk	Habitable structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
051000066	Dredging West Fork- Double Bayou	949	379	1,134	0	0	0	59	10,886	2024	2024
051000067	Spindletop Bayou Ditch Improvement	345	237	162	0	0	0	79	22,570	2024	2024
051000068	North Anahuac Drainage	949	379	1,134	0	0	0	59	10,886	2024	2024
051000069	Southeast Drainage Ditch	949	379	1,134	0	0	0	59	10,886	2024	None
051000070	Southwest Anahuac Ditch	949	379	1,134	0	0	0	59	10,886	2024	2024
051000071	City of Lumberton Adler Ditch Drainage Improvements	2	2	27	0	0	0	0	18	2024	None
051000072	City of Lumberton East Village Creek Parkway Drainage Improvements	27	17	82	0	1	1	1	1	None	None
051000073	City of Lumberton Greens Branch Ditch Western Extension	230	207	631	0	1	1	4	6	2024	None
051000074	City of Lumberton Drainage Chance Cut Off Concrete Lining	10	10	71	0	0	0	0	1	None	None
051000075	City of Lumberton Detention Pond at FM 421	539	439	1,123	1	0	0	10	10	None	None
051000076	City of Lumberton Elevate Taft Road and Brushy Creek Subdivision	130	129	360	0	0	0	2	2	None	None

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name
051000077	City of Rose Hill Acres Flood Mitigation Improvements	Develop drainage study to identify flood mitigation measures in and around Rose Hill Acres ETJ.	05000001, 05000002, 05000003, 05000004, 05000009, 05000010	Hardin	12020007	120200070303	Pine Island Bayou
051000078	City of Nacogdoches Flood Mitigation Project	H&H study to mitigate the wide-spread flooding that occurs along LaNana and Banita Creeks in the City of Nacogdoches	05000001, 05000002, 05000003, 05000004, 05000009, 05000010	Nacogdoches	12020004, 12020005	120200040704, 120200050101, 120200050102, 120200050106, 120200050201	Upper Angelina, Lower Angelina
051000079	City of Rose Hill Acres Ditch Improvements	H&H Study to identify alternatives for ditch improvements within Rose Hill Acres	05000001, 05000002	Hardin	12020007	120200070303	Pine Island Bayou
051000080	City of Rose Hill Acres Road and Bridge Elevation	H&H study to locate roadways prone to flooding and identify alternatives to improve drainage.	05000007, 05000008	Hardin	12020007	120200070303	Pine Island Bayou
051000081	City of Silsbee Easy Street Drainage Improvements	H&H study to locate roadways prone to flooding and identify alternatives to improve drainage.	05000007, 05000008	Hardin	12020006	120200060406	Village
051000082	City of Vidor Schoolhouse Ditch Alternative B	H&H study to identify alternatives for Schoolhouse Ditch	05000001, 05000002, 05000007, 05000008	Orange	12020003	120200030405, 120200030406	Lower Neches
051000083	City of Vidor Schoolhouse Ditch Alternative C	H&H study to identify alternatives for Schoolhouse Ditch	05000001, 05000002, 05000007, 05000008	Orange	12020003	120200030405, 120200030406	Lower Neches
051000084	City of Vidor Drainage Improvements	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.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000009, 05000010	Orange	12020003, 12010005	120200030405, 120100051004, 120100051003, 120200030404, 120200030406	Lower Neches, Lower Sabine
051000085	Hardin County Black Creek Detention Pond	H&H Study to develop alternatives for detention at Black Creek.	05000001, 05000002, 05000003, 05000004, 05000007, 05000008, 05000009, 05000010	Hardin	12020003	120200030307	Lower Neches
051000086	Hardin County Boggy Creek Detention Pond	H&H Study to develop alternatives for detention on Boggy Creek.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000009, 05000010	Hardin	12020006, 12020007	120200070205, 120200070303, 120200060407, 120200070301, 120200070304, 120200060405, 120200070302	Village, Pine Island Bayou
051000087	Hardin County Cooks Lake Road Bridge Elevation	H&H study to improve drainage along Cooks Lake Bridge.	05000007, 05000008	Hardin	12020003, 12020007	120200070303, 120200070304, 120200030402	Lower Neches, Pine Island Bayou

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount
051000077	City of Rose Hill Acres Flood Mitigation Improvements	0	Riverine	Rose Hill Acres	Rose Hill Acres	Yes	\$500,000	Yes
051000078	City of Nacogdoches Flood Mitigation Project	28	Riverine	Nacogdoches	Nacogdoches	Yes	\$100,000	Yes
051000079	City of Rose Hill Acres Ditch Improvements	0	Riverine	Rose Hill Acres	Rose Hill Acres	Yes	\$50,000	Yes
051000080	City of Rose Hill Acres Road and Bridge Elevation	0	Riverine	Rose Hill Acres	Rose Hill Acres	Yes	\$50,000	Yes
051000081	City of Silsbee Easy Street Drainage Improvements	4	Riverine	Silsbee	Silsbee	Yes	\$50,000	Yes
051000082	City of Vidor Schoolhouse Ditch Alternative B	3	Riverine	Orange	Orange	Yes	\$100,000	Yes
051000083	City of Vidor Schoolhouse Ditch Alternative C	3	Riverine	Orange	Orange	Yes	\$100,000	Yes
051000084	City of Vidor Drainage Improvements	10	Riverine	Orange	Orange	Yes	\$100,000	Yes
051000085	Hardin County Black Creek Detention Pond	50	Riverine	Hardin	Hardin	Yes	\$150,000	Yes
051000086	Hardin County Boggy Creek Detention Pond	43	Riverine	Hardin	Hardin	Yes	\$150,000	Yes
051000087	Hardin County Cooks Lake Road Bridge Elevation	10	Riverine	Hardin	Hardin	Yes	\$20,000	Yes

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	Estimated number of structures at flood risk	Habitable structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
051000077	City of Rose Hill Acres Flood Mitigation Improvements	129	123	237	0	0	0	2	0	2024	None
051000078	City of Nacogdoches Flood Mitigation Project	446	185	5,331	1	0	0	14	4	None	None
051000079	City of Rose Hill Acres Ditch Improvements	129	123	237	0	0	0	2	0	None	2024
051000080	City of Rose Hill Acres Road and Bridge Elevation	129	123	237	0	0	0	2	0	None	2024
051000081	City of Silsbee Easy Street Drainage Improvements	135	96	266	0	4	4	3	4	None	2024
051000082	City of Vidor Schoolhouse Ditch Alternative B	150	111	471	0	3	3	2	0	2024	2024
051000083	City of Vidor Schoolhouse Ditch Alternative C	150	111	471	0	3	3	2	0	2024	2024
051000084	City of Vidor Drainage Improvements	541	416	1,462	1	5	5	13	1	None	2024
051000085	Hardin County Black Creek Detention Pond	23	3	17	0	0	0	8	15	None	2024
051000086	Hardin County Boggy Creek Detention Pond	648	497	1,277	1	0	0	14	43	None	2024
051000087	Hardin County Cooks Lake Road Bridge Elevation	41	23	188	0	0	0	3	8	None	2024

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name
051000088	Hardin County Reservoir	H&H study of large reservoir for flood control / drought assistance.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000009, 05000010	Hardin	12020006, 12020007	120200070205, 120200070303, 120200060407, 120200070301, 120200070304, 120200060405, 120200070302	Village, Pine Island Bayou
051000089	Hardin County South Area Drainage System	H&H study to identify alternatives for developing a drainage system to drain / retain flood waters around the communities of Pinewood, Countrywood, Bevil Oaks, and Rose Hill	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000009, 05000010	Hardin	12020003, 12020006, 12020007	Various	Lower Neches, Village, Pine Island Bayou
051000090	Hardin County SE Area Drainage System	H&H study to identify alternatives for developing a large drainage system to drain Lumberton directly into the Neches River, instead of Pine Island Bayou.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000009, 05000010	Hardin	12020003, 12020006, 12020007	Various	Lower Neches, Village, Pine Island Bayou
051000091	Hardin County Pinewood Drainage Improvements	H&H Study to identify alternatives for improving existing drainage within Pinewood.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008	Hardin	12020006, 12020007	120200070205, 120200070303, 120200060407, 120200070301, 120200070304, 120200060405, 120200070302	Village, Pine Island Bayou
051000092	Hardin County Coon Marsh Gully Drainage Improvements	H&H Study to identify alternatives for improving existing drainage within Marsh Gully	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008	Hardin	12020007	120200070205, 120200070201, 120200070204	Pine Island Bayou
051000093	Hardin County Municipal Storm Drain Project	Evaluate project to quantify benefits, evaluate impacts, and begin design.	05000003, 05000004, 05000005, 05000006, 05000007, 05000008	Jefferson, Hardin	12020003, 12020006, 12020007	120200030405, 120200060407, 120200070201, 120200070203, 120200070204, 120200070205, 120200070302, 120200070303, 120200070304, 120402010200	Lower Neches, Village, Pine Island Bayou
051000094	City of Coffee City Flood-prone Roadway and Infrastructure Evaluation	Locate roadways and properties prone to flooding due to heavy rainfall	05000007, 05000008	Henderson	12020001	120200010305, 120200010307	Upper Neches
051000095	City of Moore Station Flood-prone Roadway and Infrastructure Evaluation	Locate roadways and properties prone to flooding due to heavy rainfall	05000007, 05000008	Henderson	12020001	120200010305	Upper Neches
051000096	Houston County Earthen Dike Construction	Evaluate project to quantify benefits, evaluate impacts, and begin design. Project consists of an earthen dike to elevate emergency vehicle access road to critical facilities to provide protection to the 500-year flood level.	05000001, 05000002, 05000003, 05000004, 05000007, 05000008	Houston	12020001, 12020002	120200010509, 120200010705, 120200010701, 120200010702, 120200010703, 120200020101, 120200020203, 120200020206, 120200020204, 120200020402, 120200020401, 120200020102, 120200020103, 120200020104, 120200020106, 120200020202	Upper Neches, Middle Neches

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount
051000088	Hardin County Reservoir	43	Riverine	Hardin	Hardin	Yes	\$500,000	Yes
051000089	Hardin County South Area Drainage System	886	Riverine	Hardin	Hardin	Yes	\$1,000,000	Yes
051000090	Hardin County SE Area Drainage System	888	Riverine	Hardin	Hardin	Yes	\$1,250,000	Yes
051000091	Hardin County Pinewood Drainage Improvements	43	Riverine	Hardin	Hardin	Yes	\$350,000	Yes
051000092	Hardin County Coon Marsh Gully Drainage Improvements	2	Riverine	Hardin	Hardin	Yes	\$300,000	Yes
051000093	Hardin County Municipal Storm Drain Project	128	Riverine	Hardin	Hardin	Yes	\$2,000,000	Yes
051000094	City of Coffee City Flood-prone Roadway and Infrastructure Evaluation	7	Riverine	Coffee City	Coffee City	No	\$25,000	Yes
051000095	City of Moore Station Flood-prone Roadway and Infrastructure Evaluation	1	Riverine	Moore Station	Moore Station	No	\$25,000	Yes
051000096	Houston County Earthen Dike Construction	418	Riverine	Houston	Houston	No	\$16,972	Yes

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	Estimated number of structures at flood risk	Habitable structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
051000088	Hardin County Reservoir	648	497	1,277	1	0	0	14	43	None	2024
051000089	Hardin County South Area Drainage System	3,676	2636	10,526	25	13	13	136	743	None	2024
051000090	Hardin County SE Area Drainage System	3,678	2638	10,528	25	13	13	136	743	None	2024
051000091	Hardin County Pinewood Drainage Improvements	648	497	1,277	1	0	0	14	43	None	2024
051000092	Hardin County Coon Marsh Gully Drainage Improvements	285	226	878	1	2	2	6	10	2024	2024
051000093	Hardin County Municipal Storm Drain Project	3,487	2863	10,916	8	5	5	75	395	2024	None
051000094	City of Coffee City Flood-prone Roadway and Infrastructure Evaluation	4	0	6	0	0	0	1	3	None	None
051000095	City of Moore Station Flood-prone Roadway and Infrastructure Evaluation	2	1	5	0	0	0	0	0	None	None
051000096	Houston County Earthen Dike Construction	17	3	16	0	7	7	20	117	None	None

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name
051000097	Ditch 100 A (East Caldwod) Improvements	Evaluate project to quantify benefits, evaluate impacts, and begin design. Project consists of 2,200 ft of channel to be retrofitted with an underground culvert to allow for shaping and resizing the ditch to allow for continued maintenance.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008	Jefferson	12040201	120402010200	Sabine Lake
051000098	Ditch 119 Crossings at Yount and Edson	Evaluate project to quantify benefits, evaluate impacts, and begin design. Project consists of crossing improvements that will protect about 50 homes and mitigate flood risk on a historically flood prone road.	05000003, 05000004, 05000005, 05000006, 05000007, 05000008	Jefferson	12040201	120402010200	Sabine Lake
051000099	Lateral B4A and B4A Ext. Improvements	Evaluate project to quantify benefits, evaluate impacts, and begin design. Project consists of widening those channels to increase the runoff capacity – upgrading/enlarging road crossings to reduce out of bank flooding.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008	Jefferson	12040201	120402010300	Sabine Lake
051000100	Rodair Pump Station	Evaluate project to quantify benefits, evaluate impacts, and begin design.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008	Jefferson	12040201	120402010300	Sabine Lake
051000101	Upgrade to Lateral B4B	Evaluate project to quantify benefits, evaluate impacts, and begin design. Project consists of widening those channels to increase the runoff capacity – upgrading/enlarging road crossings to reduce out of bank flooding.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008	Jefferson	12040201	120402010300	Sabine Lake
051000102	Beauxart Gardens Central Ditch Improvements	Evaluate project to quantify benefits, evaluate impacts, and begin design. Project consists of widening those channels to increase the runoff capacity – upgrading/enlarging road crossings to reduce out of bank flooding.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008	Jefferson	12040201	120402010300	Sabine Lake
051000103	Houston Upgrade Pumping Equipment	H&H study to size pump upgrades and improve existing level of service.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008	Jefferson	12040201	120402010300	Sabine Lake
051000104	Grannis Upgrade Pumping Equipment	H&H study to size pump upgrades and improve existing level of service.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008	Jefferson	12040201	120402010300	Sabine Lake

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount
051000097	Ditch 100 A (East Caldwood) Improvements	146	Riverine, Coastal	Jefferson County Drainage District 6	Jefferson County Drainage District 6	Yes	\$75,000	Yes
051000098	Ditch 119 Crossings at Yount and Edson	146	Riverine, Coastal	Jefferson County Drainage District 6	Jefferson County Drainage District 6	Yes	\$50,000	Yes
051000099	Lateral B4A and B4A Ext. Improvements	324	Riverine, Coastal	Jefferson County Drainage District 7	Jefferson County Drainage District 7	Yes	\$225,000	Yes
051000100	Rodair Pump Station	324	Riverine, Coastal	Jefferson County Drainage District 7	Jefferson County Drainage District 7	Yes	\$2,000,000	Yes
051000101	Upgrade to Lateral B4B	324	Riverine, Coastal	Jefferson County Drainage District 7	Jefferson County Drainage District 7	Yes	\$50,000	Yes
051000102	Beauxart Gardens Central Ditch Improvements	1	Riverine	Jefferson County Drainage District 7	Jefferson County Drainage District 7	Yes	\$50,000	Yes
051000103	Houston Upgrade Pumping Equipment	0	Riverine	Jefferson County Drainage District 7	Jefferson County Drainage District 7	Yes	\$250,000	Yes
051000104	Grannis Upgrade Pumping Equipment	0	Riverine	Jefferson County Drainage District 7	Jefferson County Drainage District 7	Yes	\$100,000	Yes

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	Estimated number of structures at flood risk	Habitable structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
051000097	Ditch 100 A (East Caldwell) Improvements	2,893	2271	13,665	22	5	5	70	4,386	2024	2024
051000098	Ditch 119 Crossings at Yount and Edson	2,893	2271	13,665	22	5	5	70	4,386	2024	2024
051000099	Lateral B4A and B4A Ext. Improvements	5,013	3786	18,000	83	3	3	160	9,044	2024	2024
051000100	Rodair Pump Station	5,013	3786	18,000	83	3	3	160	9,044	2024	2024
051000101	Upgrade to Lateral B4B	5,013	3786	18,000	83	3	3	160	9,044	2024	2024
051000102	Beauxart Gardens Central Ditch Improvements	226	9	480	0	0	0	2	10	2024	None
051000103	Houston Upgrade Pumping Equipment	0	0	0	0	0	0	0	0	None	2024
051000104	Grannis Upgrade Pumping Equipment	1	0	95	0	0	0	0	0	None	2024

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name
051000105	Foley Upgrade Pumping Equipment	H&H study to size pump upgrades and improve existing level of service.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008	Jefferson	12040201	120402010300	Sabine Lake
051000106	Lakeside Upgrade Pumping Equipment	H&H study to size pump upgrades and improve existing level of service.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008	Jefferson	12040201	120402010300	Sabine Lake
051000107	Rodair Upgrade Pumping Equipment	H&H study to size pump upgrades and improve existing level of service.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008	Jefferson	12040201	120402010200, 120402010300	Sabine Lake
051000108	9th Avenue - Upgrade Pumping Equipment	H&H study to size pump upgrades and improve existing level of service.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008	Jefferson	12040201	120402010300	Sabine Lake
051000109	Halbouty Add two pumps (open spots in structure)	H&H study to size pump upgrades and improve existing level of service.	05000001, 05000002, 05000005, 05000006, 05000007, 05000008	Jefferson	12040201	120402010300	Sabine Lake
051000110	Rodair Upper Build new station with associated levee	H&H study to size pump upgrades and improve existing level of service.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008	Jefferson	12040201	120402010200, 120402010300	Sabine Lake
051000111	Main C Diversion - Build New Pump Station and Channel	H&H study to size pump upgrades and improve existing level of service.	05000001, 05000002, 05000005, 05000006, 05000007, 05000008	Jefferson	12040201	120402010300	Sabine Lake
051000112	Upper Johns Gulley Upgrade Drainage Channel	H&H study to identify alternatives for Upper Johns Gulley drainage improvements	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008	Jefferson	12040201	120402010200, 120402010300	Sabine Lake
051000113	Central Gardens Ditch - Upgrade Drainage Channel	H&H study to identify alternatives for Central Gardens Ditch	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008	Jefferson	12040201	120402010300	Sabine Lake
051000114	Pure Oil Ditch Improvements	H&H study to identify alternatives for Pure Oil Ditch	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008	Jefferson	12020003	120200030407	Lower Neches

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount
051000105	Foley Upgrade Pumping Equipment	1	Riverine	Jefferson County Drainage District 7	Jefferson County Drainage District 7	Yes	\$100,000	Yes
051000106	Lakeside Upgrade Pumping Equipment	5	Riverine	Jefferson County Drainage District 7	Jefferson County Drainage District 7	Yes	\$100,000	Yes
051000107	Rodair Upgrade Pumping Equipment	12	Riverine, Coastal	Jefferson County Drainage District 7	Jefferson County Drainage District 7	Yes	\$100,000	Yes
051000108	9th Avenue - Upgrade Pumping Equipment	6	Riverine	Jefferson County Drainage District 7	Jefferson County Drainage District 7	Yes	\$100,000	Yes
051000109	Halbouty Add two pumps (open spots in structure)	12	Riverine	Jefferson County Drainage District 7	Jefferson County Drainage District 7	Yes	\$100,000	Yes
051000110	Rodair Upper Build new station with associated levee	12	Riverine, Coastal	Jefferson County Drainage District 7	Jefferson County Drainage District 7	Yes	\$100,000	Yes
051000111	Main C Diversion - Build New Pump Station and Channel	13	Riverine	Jefferson County Drainage District 7	Jefferson County Drainage District 7	Yes	\$100,000	Yes
051000112	Upper Johns Gulley Upgrade Drainage Channel	8	Riverine	Jefferson County Drainage District 7	Jefferson County Drainage District 7	Yes	\$100,000	Yes
051000113	Central Gardens Ditch - Upgrade Drainage Channel	1	Riverine	Jefferson County Drainage District 7	Jefferson County Drainage District 7	Yes	\$100,000	Yes
051000114	Pure Oil Ditch Improvements	2	Riverine, Coastal	Jefferson County Drainage District 7	Jefferson County Drainage District 7	Yes	\$100,000	Yes

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	Estimated number of structures at flood risk	Habitable structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
051000105	Foley Upgrade Pumping Equipment	0	0	0	0	0	0	0	0	None	2024
051000106	Lakeside Upgrade Pumping Equipment	207	200	397	0	0	0	3	3	None	2024
051000107	Rodair Upgrade Pumping Equipment	511	250	1,418	0	0	0	10	64	None	2024
051000108	9th Avenue - Upgrade Pumping Equipment	36	19	528	0	0	0	2	1	None	2024
051000109	Halbouty Add two pumps (open spots in structure)	251	99	1,628	33	0	0	7	164	None	2024
051000110	Rodair Upper Build new station with associated levee	511	250	1,418	0	0	0	10	64	None	2024
051000111	Main C Diversion - Build New Pump Station and Channel	251	99	1,628	33	0	0	7	164	2024	2024
051000112	Upper Johns Gulley Upgrade Drainage Channel	0	0	0	0	0	0	1	477	2024	2024
051000113	Central Gardens Ditch - Upgrade Drainage Channel	80	76	151	0	0	0	1	0	None	2024
051000114	Pure Oil Ditch Improvements	6	0	33	6	0	0	0	3	2024	2024

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name
051000115	Rodair Gulley Ditch Improvements	H&H study to identify alternatives for Rodair Gulley	05000001, 05000002, 05000003, 05000004, 05000007, 05000008	Jefferson	12040201	120402010200, 120402010300	Sabine Lake
051000116	Main C Diversion Channel Improvements	H&H study to identify alternatives for Main C Diversion Channel	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008	Jefferson	12040201	120402010300	Sabine Lake
051000117	Main B Channel Improvements	H&H study to identify alternatives for Main B Channel	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008	Jefferson	12040201	120402010300	Sabine Lake
051000118	Main A Channel Improvements	H&H study to identify alternatives for Main A Channel	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008	Jefferson	12020003, 12040201	120200030407, 120402010300	Lower Neches, Sabine Lake
051000119	Rodair Lateral 5 Detention Pond Excavation	H&H study to identify additional detention required to expand existing level of service	05000001, 05000002, 05000003, 05000004, 05000007, 05000008, 05000009, 05000010	Jefferson	12040201	120402010200, 120402010300	Sabine Lake
051000120	Halbouty Detention Pond Excavation	H&H study to identify additional detention required to expand existing level of service	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000009, 05000010	Jefferson	12040201	120402010300	Sabine Lake
051000121	9th Avenue Additional Detention Excavation	H&H study to identify additional detention required to improve existing level of service	05000001, 05000002, 05000003, 05000004, 05000007, 05000008, 05000009, 05000010	Jefferson	12040201	120402010300	Sabine Lake
051000122	Tevis Diversion	H&H study to identify alternatives for a diversion to the Neches River.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008	Jefferson	12020003, 12040201	120200030406, 120402010200	Lower Neches, Sabine Lake
051000123	JCDD7 Hurricane Flood Protection Levee Study	Study to identify possible upgrades to levees to help reduce the risk of flooding and to help the District review and update levees in jurisdictional area.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000009, 05000010	Jefferson	12020003, 12040201	120200030407, 120200030406, 120402010200, 120402010300	Lower Neches, Sabine Lake

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount
051000115	Rodair Gulley Ditch Improvements	12	Riverine, Coastal	Jefferson County Drainage District 7	Jefferson County Drainage District 7	Yes	\$100,000	Yes
051000116	Main C Diversion Channel Improvements	13	Riverine	Jefferson County Drainage District 7	Jefferson County Drainage District 7	Yes	\$100,000	Yes
051000117	Main B Channel Improvements	6	Riverine	Jefferson County Drainage District 7	Jefferson County Drainage District 7	Yes	\$100,000	Yes
051000118	Main A Channel Improvements	6	Riverine	Jefferson County Drainage District 7	Jefferson County Drainage District 7	Yes	\$100,000	Yes
051000119	Rodair Lateral 5 Detention Pond Excavation	2	Riverine	Jefferson County Drainage District 7	Jefferson County Drainage District 7	Yes	\$100,000	Yes
051000120	Halbouty Detention Pond Excavation	12	Riverine	Jefferson County Drainage District 7	Jefferson County Drainage District 7	Yes	\$100,000	Yes
051000121	9th Avenue Additional Detention Excavation	6	Riverine	Jefferson County Drainage District 7	Jefferson County Drainage District 7	Yes	\$100,000	Yes
051000122	Tevis Diversion	3	Riverine	Jefferson County Drainage District 6	Jefferson County Drainage District 6	Yes	\$100,000	Yes
051000123	JCDD7 Hurricane Flood Protection Levee Study	112	Riverine, Coastal	Jefferson County Drainage District 7	Jefferson County Drainage District 7	Yes	\$777,000	Yes

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	Estimated number of structures at flood risk	Habitable structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
051000115	Rodair Gulley Ditch Improvements	511	250	1,418	0	0	0	10	64	2024	2024
051000116	Main C Diversion Channel Improvements	251	99	1,628	33	0	0	7	164	2024	2024
051000117	Main B Channel Improvements	876	741	5,960	17	0	0	19	8	2024	2024
051000118	Main A Channel Improvements	147	111	1,173	2	0	0	3	4	2024	2024
051000119	Rodair Lateral 5 Detention Pond Excavation	29	3	138	0	0	0	1	6	None	2024
051000120	Halbouty Detention Pond Excavation	251	99	1,628	33	0	0	7	164	None	2024
051000121	9th Avenue Additional Detention Excavation	36	19	528	0	0	0	2	1	None	2024
051000122	Tevis Diversion	300	256	1,721	1	0	0	9	0	2024	2024
051000123	JCDD7 Hurricane Flood Protection Levee Study	4,705	3668	17,575	82	3	3	95	876	None	2024

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name
051000124	Crane Bayou Channel Improvements	H&H study to identify alternatives for Crane Bayou Channel	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008	Jefferson	12020003, 12040201	120200030407, 120402010300	Lower Neches, Sabine Lake
051000125	Rodair Upper Additional Pump Station	H&H study to size pump upgrades and improve existing level of service.	05000001, 05000002, 05000007, 05000008	Jefferson	12040201	120402010200, 120402010300	Sabine Lake
051000126	South Park Diversion	H&H study to identify alternatives for a diversion to the Neches River.	05000001, 05000002, 05000003, 05000004, 05000007, 05000008	Jefferson	12020003, 12040201	120200030406, 120402010200	Lower Neches, Sabine Lake
051000127	Blanchette Diversion	H&H study to identify alternatives for a diversion to the Neches River.	05000001, 05000002, 05000003, 05000004, 05000007, 05000008	Jefferson	12020003, 12040201	120200030406, 120402010200	Lower Neches, Sabine Lake
051000128	Rodair Gully System Detention	H&H study to identify additional detention required to expand existing level of service	05000001, 05000002, 05000003, 05000004, 05000007, 05000008, 05000009, 05000010	Jefferson	12040201	120402010200, 120402010300	Sabine Lake
051000129	El Vista Upgrade Pumping Equipment	H&H study to size pump upgrades and improve existing level of service.	05000001, 05000002, 05000007, 05000008	Jefferson	12040201	120402010300	Sabine Lake
051000130	W. Port Arthur Road Upgrade Pumping Equipment	H&H study to size pump upgrades and improve existing level of service.	05000001, 05000002, 05000007, 05000008	Jefferson	12040201	120402010300	Sabine Lake
051000131	Central - Upgrade Pumping Equipment and Structure	H&H study to size pump upgrades and improve existing level of service.	05000001, 05000002, 05000007, 05000008	Jefferson	12040201	120402010300	Sabine Lake
051000132	Star Lake Upgrade Pumping Equipment	H&H study to size pump upgrades and improve existing level of service.	05000001, 05000002, 05000007, 05000008	Jefferson	12040201	120402010300	Sabine Lake
051000133	Crane Bayou Additional Pumping	H&H study to size pump upgrades and improve existing level of service.	05000001, 05000002, 05000005, 05000006, 05000007, 05000008	Jefferson	12020003, 12040201	120200030407, 120402010300	Lower Neches, Sabine Lake

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount
051000124	Crane Bayou Channel Improvements	7	Riverine	Jefferson County Drainage District 7	Jefferson County Drainage District 7	Yes	\$100,000	Yes
051000125	Rodair Upper Additional Pump Station	12	Riverine, Coastal	Jefferson County Drainage District 7	Jefferson County Drainage District 7	Yes	\$100,000	Yes
051000126	South Park Diversion	6	Riverine	Jefferson County Drainage District 6	Jefferson County Drainage District 6	Yes	\$100,000	Yes
051000127	Blanchette Diversion	8	Riverine	Jefferson County Drainage District 6	Jefferson County Drainage District 6	Yes	\$100,000	Yes
051000128	Rodair Gully System Detention	12	Riverine, Coastal	Jefferson County Drainage District 7	Jefferson County Drainage District 7	Yes	\$100,000	Yes
051000129	El Vista Upgrade Pumping Equipment	2	Riverine	Jefferson County Drainage District 7	Jefferson County Drainage District 7	Yes	\$100,000	Yes
051000130	W. Port Arthur Road Upgrade Pumping Equipment	1	Riverine	Jefferson County Drainage District 7	Jefferson County Drainage District 7	Yes	\$100,000	Yes
051000131	Central - Upgrade Pumping Equipment and Structure	3	Riverine	Jefferson County Drainage District 7	Jefferson County Drainage District 7	Yes	\$100,000	Yes
051000132	Star Lake Upgrade Pumping Equipment	1	Riverine	Jefferson County Drainage District 7	Jefferson County Drainage District 7	Yes	\$100,000	Yes
051000133	Crane Bayou Additional Pumping	7	Riverine	Jefferson County Drainage District 7	Jefferson County Drainage District 7	Yes	\$100,000	Yes

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	Estimated number of structures at flood risk	Habitable structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
051000124	Crane Bayou Channel Improvements	359	320	918	3	0	0	5	0	2024	2024
051000125	Rodair Upper Additional Pump Station	511	250	1,418	0	0	0	10	64	2024	2024
051000126	South Park Diversion	16	11	271	0	0	0	1	0	2024	2024
051000127	Blanchette Diversion	88	38	582	0	0	0	2	4	2024	2024
051000128	Rodair Gully System Detention	511	250	1,418	0	0	0	10	64	2024	2024
051000129	El Vista Upgrade Pumping Equipment	507	415	1,216	0	0	0	10	2	None	2024
051000130	W. Port Arthur Road Upgrade Pumping Equipment	3	0	4	0	0	0	0	0	None	2024
051000131	Central - Upgrade Pumping Equipment and Structure	0	0	0	0	0	0	0	0	None	2024
051000132	Star Lake Upgrade Pumping Equipment	1	1	0	0	0	0	0	0	None	2024
051000133	Crane Bayou Additional Pumping	359	320	918	3	0	0	5	0	None	2024

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name
051000134	Lakeview Additional Pumping	H&H study to size pump upgrades and improve existing level of service.	05000001, 05000002, 05000007, 05000008	Jefferson	12040201	120402010300	Sabine Lake
051000135	City of Daisetta Drainage Projects	Evaluate project to quantify benefits, evaluate impacts, and begin design. Project consists of drainage improvements throughout the city to include widening culverts and ditches.	05000001, 05000002, 05000003, 05000004, 05000007, 05000008	Liberty	12020007	120200070108	Pine Island Bayou
051000136	Liberty County Culvert Replacement Project	Evaluate project to quantify benefits, evaluate impacts, and begin design. Project consists of increasing culvert size in identified flood hazard problem areas within Liberty County.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008	Liberty	12020007, 12030203, 12040201, 12040202	120200070109, 120200070102, 120200070101, 120200070110, 120200070104, 120200070105, 120200070107, 120200070106, 120200070103, 120200070108, 120200070201, 120302030202, 120402020100, 120402020200, 120402010100	Pine Island Bayou, Lower Trinity, Sabine Lake, East Galveston Bay
051000137	Liberty County Recanalization Feasibility Study	Evaluate project to quantify benefits, evaluate impacts, and begin design. Project consists of dechannelizing existing feeder creeks that flow from north to south and improve drainage for storm water runoff.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008	Liberty	12020007, 12030203, 12040201, 12040202	120200070109, 120200070102, 120200070101, 120200070110, 120200070104, 120200070105, 120200070107, 120200070106, 120200070103, 120200070108, 120200070201, 120302030202, 120402020100, 120402020200, 120402010100	Pine Island Bayou, Lower Trinity, Sabine Lake, East Galveston Bay
051000138	Stadium Upgrade Pumping Equipment	H&H study to size pump upgrades and improve existing level of service.	05000001, 05000002, 05000007, 05000008	Jefferson	12040201	120402010300	Sabine Lake
051000139	Delmar Upgrade Pumping Equipment	H&H study to size pump upgrades and improve existing level of service.	05000001, 05000002, 05000007, 05000008	Jefferson	12040201	120402010300	Sabine Lake
051000140	DeQueen Additional Pumping Equipment	H&H study to size pump upgrades and improve existing level of service.	05000001, 05000002, 05000007, 05000008	Jefferson	12040201	120402010300	Sabine Lake
051000141	Shreveport Additional Pumping Equipment	H&H study to size pump upgrades and improve existing level of service.	05000001, 05000002, 05000007, 05000008	Jefferson	12040201	120402010300	Sabine Lake

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount
051000134	Lakeview Additional Pumping	2	Riverine, Coastal	Jefferson County Drainage District 7	Jefferson County Drainage District 7	Yes	\$100,000	Yes
051000135	City of Daisetta Drainage Projects	1	Riverine	Daisetta	Daisetta	Yes	\$150,000	Yes
051000136	Liberty County Culvert Replacement Project	235	Riverine	Liberty	Liberty	Yes	\$100,657	Yes
051000137	Liberty County Recanalization Feasibility Study	235	Riverine	Liberty	Liberty	Yes	\$26,171	Yes
051000138	Stadium Upgrade Pumping Equipment	0	Riverine, Coastal	Jefferson County Drainage District 7	Jefferson County Drainage District 7	Yes	\$100,000	Yes
051000139	Delmar Upgrade Pumping Equipment	1	Riverine, Coastal	Jefferson County Drainage District 7	Jefferson County Drainage District 7	Yes	\$100,000	Yes
051000140	DeQueen Additional Pumping Equipment	1	Riverine	Jefferson County Drainage District 7	Jefferson County Drainage District 7	Yes	\$100,000	Yes
051000141	Shreveport Additional Pumping Equipment	0	Riverine	Jefferson County Drainage District 7	Jefferson County Drainage District 7	Yes	\$100,000	Yes

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	Estimated number of structures at flood risk	Habitable structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
051000134	Lakeview Additional Pumping	216	215	479	0	0	0	2	0	None	2024
051000135	City of Daisetta Drainage Projects	0	0	0	0	0	0	0	0	None	None
051000136	Liberty County Culvert Replacement Project	116	57	143	1	0	0	7	1,526	None	2024
051000137	Liberty County Recanalization Feasibility Study	116	57	143	1	0	0	7	1,526	2024	2018
051000138	Stadium Upgrade Pumping Equipment	6	6	27	0	0	0	0	0	None	2024
051000139	Delmar Upgrade Pumping Equipment	676	646	1,618	0	0	0	6	0	None	2024
051000140	DeQueen Additional Pumping Equipment	0	0	0	0	0	0	0	0	None	2024
051000141	Shreveport Additional Pumping Equipment	0	0	0	0	0	0	0	0	None	2024

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name
051000142	Delaware Diversion	Divert storm runoff out of Beaumont from the Hillebrandt watershed to the Neches River.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008	Jefferson	12020007, 12020003, 12040201	120200070304, 120200030405, 120402010200	#N/A
051000143	Tyrrell Park Detention	Install a detention pond in the vicinity of Tyrrell Park Rd. within the city of Beaumont.	05000001, 05000002, 05000003, 05000004, 05000007, 05000008	Jefferson	12040201	120402010200	Sabine Lake
051000144	Mayhaw Lateral Improvements	Rectify negative impacts to properties downstream of IH-10 caused by additional drainage crossings	05000001, 05000002, 05000003, 05000004, 05000007, 05000008	Jefferson, Chambers	12040201, 12040202	120402010100, 120402020200, 120402020300	Sabine Lake, East Galveston Bay
051000145	Feasibility Assessment for Increase in Size of Culverts and Railroad Trestles on Major Drainage Structures Throughout Orange County	H&H Study to analyze most efficient alternatives for dredging, widening, or otherwise improving culverts and railroad trestles within Orange County.	05000005, 05000006, 05000007, 05000008	Orange	12010005, 12020003, 12040201	120100051004, 120100051005, 120200030402, 120200030403, 120200030404, 120200030405, 120200030406, 120200030407, 120402010500	Lower Sabine, Lower Neches, Sabine Lake
051000146	Feasibility Assessment of the Capacity of Drainage Ditches and Channels that Convey Stormwater from Neighborhoods Located Within Orange County	H&H Study to analyze most efficient alternatives for improving existing drainage ditches and channels linked to neighborhoods within Orange County.	05000003, 05000004, 05000005, 05000006, 05000007, 05000008	Orange	12010005, 12020003, 12040201	120100051004, 120100051005, 120200030402, 120200030403, 120200030404, 120200030405, 120200030406, 120200030407, 120402010500	Lower Sabine, Lower Neches, Sabine Lake
051000147	Orange County DD Harvey Repairs	Evaluate project to quantify benefits, evaluate impacts, and begin design. Project consists of repairing damage to drainage ditches, crossings, culverts, levees, and right-of-ways caused by Hurricane Harvey to restore pre-flood capacity.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008	Orange	12010005, 12020003, 12040201	120200030407, 120200030404, 120200030405, 120200030406, 120200030402, 120200030403, 120100051005, 120100051004, 120402010500	Lower Sabine, Lower Neches, Sabine Lake
051000148	Orange County DD SW Detention/Retention Facilities	Evaluate project to quantify benefits, evaluate impacts, and begin design. Project consists of stormwater detention/retention facilities throughout OCDD.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008, 05000009, 05000010	Orange	12010005, 12020003, 12040201	120200030407, 120200030404, 120200030405, 120200030406, 120200030402, 120200030403, 120100051005, 120100051004, 120402010500	Lower Sabine, Lower Neches, Sabine Lake

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount
051000142	Delaware Diversion	7	Riverine	Jefferson County Drainage District 6	Jefferson County Drainage District 6	Yes	\$500,000	Yes
051000143	Tyrrell Park Detention	5	Riverine	Jefferson County Drainage District 6	Jefferson County Drainage District 6	Yes	\$500,000	Yes
051000144	Mayhaw Lateral Improvements	47	Riverine	Jefferson County Drainage District 6	Jefferson County Drainage District 6	Yes	\$2,200,000	Yes
051000145	Feasibility Assessment for Increase in Size of Culverts and Railroad Trestles on Major Drainage Structures Throughout Orange County	156	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	Yes	\$150,000	Yes
051000146	Feasibility Assessment of the Capacity of Drainage Ditches and Channels that Convey Stormwater from Neighborhoods Located Within Orange County	156	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	Yes	\$100,000	Yes
051000147	Orange County DD Harvey Repairs	156	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	Yes	\$130,000	Yes
051000148	Orange County DD SW Detention/Retention Facilities	156	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	Yes	\$130,000	Yes

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	Estimated number of structures at flood risk	Habitable structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
051000142	Delaware Diversion	583	476	3,971	1	0	0	12	0	2024	2024
051000143	Tyrrell Park Detention	1	1	0	0	0	0	2	258	None	2024
051000144	Mayhaw Lateral Improvements	401	267	551	0	3	3	28	2,479	2024	2024
051000145	Feasibility Assessment for Increase in Size of Culverts and Railroad Trestles on Major Drainage Structures Throughout Orange County	5,007	4273	11,929	36	20	20	136	346	2024	2024
051000146	Feasibility Assessment of the Capacity of Drainage Ditches and Channels that Convey Stormwater from Neighborhoods Located Within Orange County	5,007	4273	11,929	36	20	20	136	346	2024	2024
051000147	Orange County DD Harvey Repairs	5,007	4273	11,929	36	20	20	136	346	2024	None
051000148	Orange County DD SW Detention/Retention Facilities	5,007	4273	11,929	36	20	20	136	346	2024	None

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name
051000149	Feasibility Assessment of Widening and Deepening Segments of Tiger Creek	H&H Study to analyze most efficient alternatives for constructing improvements to segments of Tiger Creek.	05000001, 05000002, 05000003, 05000004, 05000007, 05000008	Orange, Jasper	12020003	120200030404	Lower Neches
051000150	Feasibility Assessment of Construction of a Stormwater Detention Pond Adjacent to Tiger Creek	H&H Study to analyze most efficient alternatives for constructing a stormwater detention pond in the vicinity of Tiger Creek.	05000001, 05000002, 05000003, 05000004, 05000007, 05000008, 05000009, 05000010	Orange, Jasper	12020003	120200030404	Lower Neches
051000151	Feasibility Assessment of Widening and Deepening Segments of Ten-Mile Creek	H&H Study to analyze most efficient alternatives for constructing improvements to segments of Ten-Mile Creek.	05000001, 05000002, 05000003, 05000004, 05000007, 05000008	Orange, Jasper	12020003	120200030403	Lower Neches
051000152	Feasibility Assessment of Widening and Deepening Segments of Anderson Gully	H&H Study to analyze most efficient alternatives for constructing improvements to segments of Anderson Gully.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008	Orange, Jefferson	12020003	120200030406	Lower Neches
051000153	City of Bullard Culvert Upgrades	Study to evaluate existing culverts for current condition and identify culverts that need to be upgraded.	05000001, 05000002, 05000003, 05000004, 05000007, 05000008	Smith	12020001	120200010306, 120200010401, 120200040105	Upper Neches
051000154	Smith County Drainage Capacity Upgrades	Study to evaluate existing culverts within Smith County and identify culverts that need to be upgraded.	05000001, 05000002, 05000003, 05000004, 05000005, 05000006, 05000007, 05000008	Smith	12020001, 12020004	Various	Upper Neches, Upper Angelina
051000155	Bridge City Drainage Outfall Improvement Project	Improve and extend three major drainage ditches and extend a neighborhood outfall to reduce structural flooding in residences within the area.	05000003, 05000004, 05000005, 05000006, 05000007, 05000008	Orange	12010005, 12020003, 12040201	120100051005, 120200030407, 120402010500	Lower Sabine, Lower Neches, Sabine Lake
051000156	Colonial Outfall Ditch Culvert Improvements	H&H Study to analyze most efficient alternatives to install new culverts along FM 1442 (Bridge City) at Colonial Outfall Ditch.	05000007, 05000008	Orange	12020003	120200030407	Lower Neches
051000157	City of Beaumont Drainage Studies	H&H Study to analyze most efficient alternatives to install new culverts along FM 1442 (Bridge City) at Colonial Outfall Ditch.	05000001, 05000002	Jefferson	12020003, 12040201	120200030405, 120200030406, 120402010200	Lower Neches, Sabine Lake

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount
051000149	Feasibility Assessment of Widening and Deepening Segments of Tiger Creek	28	Riverine	Orange County Drainage District	Orange County Drainage District	Yes	\$150,000	Yes
051000150	Feasibility Assessment of Construction of a Stormwater Detention Pond Adjacent to Tiger Creek	28	Riverine	Orange County Drainage District	Orange County Drainage District	Yes	\$100,000	Yes
051000151	Feasibility Assessment of Widening and Deepening Segments of Ten-Mile Creek	46	Riverine	Orange County Drainage District	Orange County Drainage District	Yes	\$175,000	Yes
051000152	Feasibility Assessment of Widening and Deepening Segments of Anderson Gully	42	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	Yes	\$325,000	Yes
051000153	City of Bullard Culvert Upgrades	3	Riverine	Bullard	Bullard	No	\$50,000	Yes
051000154	Smith County Drainage Capacity Upgrades	510	Riverine	Smith	Smith	Yes	\$225,000	Yes
051000155	Bridge City Drainage Outfall Improvement Project	4	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	Yes	\$200,000	Yes
051000156	Colonial Outfall Ditch Culvert Improvements	1	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	Yes	\$200,000	Yes
051000157	City of Beaumont Drainage Studies	1	Riverine	Beaumont	Beaumont	Yes	\$118,750	Yes

Table 12: Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	Estimated number of structures at flood risk	Habitable structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
051000149	Feasibility Assessment of Widening and Deepening Segments of Tiger Creek	848	762	1,290	0	5	5	17	15	2024	2024
051000150	Feasibility Assessment of Construction of a Stormwater Detention Pond Adjacent to Tiger Creek	848	762	1,290	0	5	5	17	15	2024	None
051000151	Feasibility Assessment of Widening and Deepening Segments of Ten-Mile Creek	415	350	768	0	2	2	13	44	2024	2024
051000152	Feasibility Assessment of Widening and Deepening Segments of Anderson Gully	1,366	890	3,566	194	9	9	35	140	2024	2024
051000153	City of Bullard Culvert Upgrades	0	0	0	0	0	0	0	0	None	None
051000154	Smith County Drainage Capacity Upgrades	2,347	1064	8,524	72	42	42	50	216	None	None
051000155	Bridge City Drainage Outfall Improvement Project	1,889	1635	5,591	6	1	1	36	6	2024	2024
051000156	Colonial Outfall Ditch Culvert Improvements	188	180	1,217	0	1	1	5	1	2024	2024
051000157	City of Beaumont Drainage Studies	29	3	592	0	0	0	0	0	2019	2024

Table 13: Potentially Feasible
Flood Mitigation Projects Identified by RFPG

FMP ID	FMP Name	Description	Associated Goals (ID)	Counties	HUC8s	HUC12s	Watershed Name	Project Type	Project Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Project Cost (\$)	Potential Funding Sources and Amount
053000001	Bayou Din Detention Basin	Construct a new detention basin with nearby channel and crossing improvements in the vicinity of Bayou Din.	05000001, 05000002	Jefferson	12040201	120402010100, 120402010200	Sabine Lake	Detention Pond	19	Riverine, Coastal	Jefferson County Drainage District 6	Jefferson County Drainage District 6	Yes	\$85,000,000	Local funds (JCDD6), Unknown Amount
053000002	Bessie Heights Drainage Ditch Extension Project	Expand the Bessie Heights Drainage Ditch to address flooding risk to residential properties in the area.	05000001, 05000002	Orange	12020003	120200030407	Lower Neches	Channel	3	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	Yes	\$4,250,000	Local funds (OCDD), Unknown Amount
053000003	Channel 100-A Concrete Repair	Conduct repairs and install improvements to Channel 100-A located within the city of Beaumont.	05000001, 05000002, 05000005, 05000006	Jefferson	12040201	120402010200	Sabine Lake	Channel	3	Riverine, Coastal	Jefferson County Drainage District 6	Jefferson County Drainage District 6	Yes	\$39,570,866	Local funds (JCDD6), Unknown Amount
053000004	Port Arthur and Vicinity Coastal Storm Risk Management Project	Construct levees, floodwalls, pump stations, drainage structures, and other flood mitigation infrastructure to reduce adverse flood impact in the vicinity of the city of Port Arthur.	05000001, 05000002, 05000005, 05000006,	Jefferson	12020003, 12040201	120200030407, 120402010300	Lower Neches, Sabine Lake	Comprehensive	66	Riverine, Coastal	Jefferson County Drainage District 7	Jefferson County Drainage District 7	Yes	\$863,000,000	Federal (USACE), Local funds (JCDD7), \$863,000,000
053000005	Orange County Coastal Storm Risk Management Project	Construct levees, floodwalls, pump stations, drainage structures, and other flood mitigation infrastructure to reduce adverse flood impact in Orange County.	05000001, 05000002, 05000005, 05000006	Orange	12020003, 12010005, 12040201	120200030407, 120100051005, 120100051004, 120402010500	Lower Neches, Lower Sabine, Sabine Lake	Comprehensive	14	Riverine, Coastal	Orange County Drainage District	Orange County Drainage District	Yes	\$119,900,000	Federal (USACE), Local funds (OCDD and GCPD), \$119,900,000 within Region 5

Table 13: Potentially Feasible
Flood Mitigation Projects Identified by RFPG

FMP ID	FMP Name	Flood Risk									
		Area in 100yr (1% annual chance) Floodplain	Area in 500yr (0.2% annual chance) 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)	Estimated farm & ranch land at 100-year flood risk (acres)
053000001	Bayou Din Detention Basin	10	3	534	395	1,774	21	5	0	15	1,048
053000002	Bessie Heights Drainage Ditch Extension Project	1	0	139	125	228	0	0	0	3	6
053000003	Channel 100-A Concrete Repair	2	0	1,622	1,200	9,745	9	0	0	24	2
053000004	Port Arthur and Vicinity Coastal Storm Risk Management Project	32	18	23,310	19,801	73,381	1,201	3	0	327	97
053000005	Orange County Coastal Storm Risk Management Project	8	6	3,872	3,409	9,830	49	1	0	61	43

Table 13: Potentially Feasible
Flood Mitigation Projects Identified by RFPG

FMP ID	FMP Name	Reduction in Flood Risk											
		Number of structures with reduced 100yr (1% annual chance) Flood risk	Number of structures removed from 100yr (1% annual chance) Flood risk	Number of structures removed from 500yr (0.2% annual chance) Flood risk	Residential structures removed from 100yr (1% annual chance) Flood risk	Estimated Population removed from 100yr (1% annual chance) Flood risk	Critical facilities removed from 100yr (1% annual chance) Flood risk (#)	Number of low water crossings removed from 100yr (1% annual chance) Flood risk (#)	Estimated reduction in road closure occurrences	Estimated length of roads removed from 100yr flood risk (Miles)	Estimated farm & ranch land removed from 100yr flood risk (acres)	Estimated reduction in fatalities (if available)	Estimated reduction in injuries (if available)
053000001	Bayou Din Detention Basin	97	101	91	41	286	4	0	0	0	44.93326	Unknown	Unknown
053000002	Bessie Heights Drainage Ditch Extension Project	3	8	0	8	10	0	0	0	0	0	Unknown	Unknown
053000003	Channel 100-A Concrete Repair	452	10	10	8	53	0	0	0	0	0	Unknown	Unknown
053000004	Port Arthur and Vicinity Coastal Storm Risk Management Project	441	3275	2000	2308	8315	71	0	0	32	12.24948	Unknown	Unknown
053000005	Orange County Coastal Storm Risk Management Project	175	201	419	136	357	0	0	0	2	2.123139	Unknown	Unknown

Table 13: Potentially Feasible
Flood Mitigation Projects Identified by RFPG

FMP ID	FMP Name	Pre-Project Level-of-Service	Post-Project Level-of-Service	Cost/Structure removed	Percent Nature-based Solution (by cost)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Social Vulnerability Index (SVI)	Water Supply Benefit (Y/N)	Traffic Count for Low Water Crossings	Benefit-Cost Ratio
053000001	Bayou Din Detention Basin	Unknown	Project will be designed to the 500-YR event with an estimated project useful life of 75 years.	\$442,708	0	No	No	0.213	No	N/A	4.9
053000002	Bessie Heights Drainage Ditch Extension Project	Unknown	Project will be designed to reduce impact from the 100-YR event.	\$531,250	0	No	No	0.156	No	N/A	0.01
053000003	Channel 100-A Concrete Repair	Unknown	Project will be designed to the 500-YR event with an estimated project useful life of 75 years.	\$1,978,543	0	No	No	0.726	No	N/A	11.21
053000004	Port Arthur and Vicinity Coastal Storm Risk Management Project	Unknown	Project will be designed to reduce impact from the 500-YR event.	\$163,708	0	No	No	0.574	No	N/A	4.6
053000005	Orange County Coastal Storm Risk Management Project	Unknown	Project will be designed to reduce impact from the 500-YR event.	\$193,387	0	No	No	0.164	No	N/A	1.2

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Description	Sponsor	Estimated Project Cost (\$)	Potential Funding Sources and Amount
052000001	Anderson County Flood Education Program	Educate homeowners to increase awareness about the hazard of flooding and to inform residents of mitigation actions to reduce risk.	Anderson	\$50,000	\$0
052000002	Anderson County Natural Hazards Education Program Development	Develop, enhance and implement education programs to increase awareness of natural hazards and to inform residents of mitigation actions to reduce risk to citizens, public infrastructure, private property owners, businesses and schools.	Anderson	\$50,000	\$0
052000003	City of Frankston Flood Education Program	The City will provide public education on the dangers of flash flooding, and to inform residents of mitigation actions to reduce risk to citizens, public infrastructure, private property owners, businesses and schools.	Frankston	\$50,000	\$0
052000004	Angelina County Public Education on Mitigation Techniques	Publish educational materials to inform the public in methods of mitigating private property against natural hazard damage.	Angelina	\$10,000	\$0
052000005	Chambers County Public Education on Mitigation Techniques	Implement an outreach and education campaign to educate the public on mitigation techniques for all hazards to reduce loss of life and property.	Chambers	\$50,000	\$0

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Flood Risk									
		Area in 100yr Floodplain	Area in 500yr Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)
052000001	Anderson County Flood Education Program	70.71	3.95	69	28	73	0	2	2	22	348
052000002	Anderson County Natural Hazards Education Program Development	70.71	3.95	69	28	73	0	2	2	22	348
052000003	City of Frankston Flood Education Program	0.24	0.02	0	0	0	0	0	0	0	0
052000004	Angelina County Public Education on Mitigation Techniques	228.11	10.45	1,201	750	8,420	11	19	19	66	165
052000005	Chambers County Public Education on Mitigation Techniques	264.64	106.76	1,175	459	1,431	0	0	0	162	36,933

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Reduction in Flood Risk											
		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	Estimated reduction in injuries
052000001	Anderson County Flood Education Program	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000002	Anderson County Natural Hazards Education Program Development	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000003	City of Frankston Flood Education Program	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000004	Angelina County Public Education on Mitigation Techniques	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000005	Chambers County Public Education on Mitigation Techniques	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Cost/ Structure removed	Consideration of Nature-based Solution (Y/N)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)
052000001	Anderson County Flood Education Program	N/A	0	No	No	No
052000002	Anderson County Natural Hazards Education Program Development	N/A	0	No	No	No
052000003	City of Frankston Flood Education Program	N/A	0	No	No	No
052000004	Angelina County Public Education on Mitigation Techniques	N/A	0	No	No	No
052000005	Chambers County Public Education on Mitigation Techniques	N/A	0	No	No	No

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Description	Sponsor	Estimated Project Cost (\$)	Potential Funding Sources and Amount
052000006	City of Gallatin “Turn Around Don’t Drown” Campaign	Promote the “Turn Around Don’t Drown” campaign in partnership with DPS.	Gallatin	\$10,000	\$0
052000007	City of Jacksonville Public Education on Mitigation Actions	Develop and implement public education program to educate the public on mitigation actions to reduce their risk, along with posting updated pertinent weather information on City social media during weather events.	Jacksonville	\$20,000	\$0
052000008	City of Rusk “Turn Around Don’t Drown” Campaign	Promote the “Turn Around Don’t Drown” campaign in partnership with DPS.	Rusk	\$10,000	\$0
052000009	Henderson County Emergency Training Program	Increase training opportunities for citizens to encourage their involvement in mitigation efforts.	Henderson	\$50,000	\$0
052000010	City of Berryville Public Education on Mitigation Techniques	Provide materials and data sources to educate citizens of all potential hazards in the planning area and methods to mitigate hazards and increase awareness.	Berryville	\$3,000	\$0
052000011	City of Brownsboro Flood Mitigation Education for City Officials and Citizens	Seek FEMA and State training in flood mitigation to assist with NFIP and encourage awareness of flood hazard and National Flood Insurance Program assistance to citizens	Brownsboro	\$5,000	\$0
052000012	City of Brownsboro Public Education on Mitigation Techniques	Provide materials and data sources to educate citizens of all potential hazards in the planning area and methods to mitigate hazards and increase awareness.	Brownsboro	\$5,000	\$0
052000013	City of Chandler Citizen/Business/City Mitigation Strategy Planning	Encourage the development of public and private partnership with businesses, service organizations and other community groups to work together on mitigation	Chandler	\$10,000	\$0
052000014	City of Chandler Public Education on Code Red System	Provide public training and education materials about the Code Red system and how to register for the warning system notifications	Chandler	\$10,000	\$0
052000015	Houston County Property Elevation and Public Education on NFIP	Conduct program to educate residents on NFIP/availability of flood insurance and elevating new construction in and outside of mapped floodplain areas.	Houston	\$10,000	\$0
052000016	Houston County Public Education Program on Emergency Evacuation	Conduct public education program and advertise Houston County Emergency Evacuation Plan, such as escape routes in coordination with TxDOT.	Houston	\$22,200	\$0

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Flood Risk									
		Area in 100yr Floodplain	Area in 500yr Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)
052000006	City of Gallatin “Turn Around Don’t Drown” Campaign	0.84	0.06	2	2	0	0	0	0	1	60
052000007	City of Jacksonville Public Education on Mitigation Actions	0.66	0.26	192	134	606	0	7	7	4	4
052000008	City of Rusk “Turn Around Don’t Drown” Campaign	0.54	0.06	41	9	462	0	0	0	2	1
052000009	Henderson County Emergency Training Program	74.63	3.94	240	108	267	0	1	1	20	348
052000010	City of Berryville Public Education on Mitigation Techniques	0.07	0.01	0	0	0	0	0	0	0	0
052000011	City of Brownsboro Flood Mitigation Education for City Officials and Citizens	0.55	0.05	32	15	52	0	0	0	1	8
052000012	City of Brownsboro Public Education on Mitigation Techniques	0.55	0.05	32	15	52	0	0	0	1	8
052000013	City of Chandler Citizen/Business/City Mitigation Strategy Planning	1.03	0.07	29	13	105	0	0	0	1	7
052000014	City of Chandler Public Education on Code Red System	1.03	0.07	29	13	105	0	0	0	1	7
052000015	Houston County Property Elevation and Public Education on NFIP	61.41	4.75	17	3	16	0	7	7	20	117
052000016	Houston County Public Education Program on Emergency Evacuation	61.41	4.75	17	3	16	0	7	7	20	117

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Reduction in Flood Risk											
		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	Estimated reduction in injuries
052000006	City of Gallatin “Turn Around Don’t Drown” Campaign	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000007	City of Jacksonville Public Education on Mitigation Actions	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000008	City of Rusk “Turn Around Don’t Drown” Campaign	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000009	Henderson County Emergency Training Program	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000010	City of Berryville Public Education on Mitigation Techniques	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000011	City of Brownsboro Flood Mitigation Education for City Officials and Citizens	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000012	City of Brownsboro Public Education on Mitigation Techniques	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000013	City of Chandler Citizen/Business/City Mitigation Strategy Planning	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000014	City of Chandler Public Education on Code Red System	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000015	Houston County Property Elevation and Public Education on NFIP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000016	Houston County Public Education Program on Emergency Evacuation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Cost/ Structure removed	Consideration of Nature-based Solution (Y/N)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)
052000006	City of Gallatin “Turn Around Don’t Drown” Campaign	N/A	0	No	No	No
052000007	City of Jacksonville Public Education on Mitigation Actions	N/A	0	No	No	No
052000008	City of Rusk “Turn Around Don’t Drown” Campaign	N/A	0	No	No	No
052000009	Henderson County Emergency Training Program	N/A	0	No	No	No
052000010	City of Berryville Public Education on Mitigation Techniques	N/A	0	No	No	No
052000011	City of Brownsboro Flood Mitigation Education for City Officials and Citizens	N/A	0	No	No	No
052000012	City of Brownsboro Public Education on Mitigation Techniques	N/A	0	No	No	No
052000013	City of Chandler Citizen/Business/City Mitigation Strategy Planning	N/A	0	No	No	No
052000014	City of Chandler Public Education on Code Red System	N/A	0	No	No	No
052000015	Houston County Property Elevation and Public Education on NFIP	N/A	0	No	No	No
052000016	Houston County Public Education Program on Emergency Evacuation	N/A	0	No	No	No

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Description	Sponsor	Estimated Project Cost (\$)	Potential Funding Sources and Amount
052000017	City of Kennard Public Awareness Program	Conduct public awareness program and distribute NFIP education information to citizens including availability of flood insurance.	Houston	\$10,000	\$0
052000018	JCDD6 Public Education Material Distribution	Develop distribution centers in local libraries, DD6 facilities, DD6 website and other public buildings where information and safety guidance on natural and manmade hazards as well as ways to mitigate hazards can be provided to citizens	Jefferson County Drainage District 6	\$50,000	\$0
052000019	City of Daisetta Education of City Council on Mitigation Benefits	Educate City Council on benefits of mitigation and encourage council members to become more involved.	Daisetta	\$10,000	\$0
052000020	City of Nacogdoches Public Education Program	Develop and promote a public education program regarding flood hazards, NFIP, and flood plain regulations.	Nacogdoches	\$20,000	\$0
052000021	Polk County Public Education Campaign	Initiate public education campaign to improve the community's understanding and access to information on natural hazards and how to improve level of protection for their homes.	Polk	\$50,000	\$0
052000022	San Augustine County Public Education on Mitigation Techniques	Includes programs in schools and senior citizen centers, pamphlets, and community meetings.	San Augustine	\$10,600	\$0
052000023	Shelby County Public Education on Hazards	Educate the residents of Shelby County and participating jurisdictions on safety and planning for the hazards identified in this plan	Shelby	\$50,000	\$0
052000024	City of Groveton Public Education on Mitigation Actions	Create a program to educate the public about specific mitigation actions for multiple hazards	Groveton	\$5,100	\$0
052000025	Trinity County Public Education on Mitigation Actions	Create a program to educate the public about specific mitigation actions for multiple hazards	Trinity	\$10,200	\$0
052000026	Anderson County Code Red System	Plan and implement a new publicity campaign to expand enrollment in CODE RED notification system; use CODE RED to warn of impending hazard events.	Anderson	\$100,000	\$0
052000027	Angelina County Siren Warning System Installation	Install warning siren system.	Angelina	\$209,000	\$0

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Flood Risk									
		Area in 100yr Floodplain	Area in 500yr Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)
052000017	City of Kennard Public Awareness Program	61.41	4.75	17	3	16	0	7	7	20	117
052000018	JCDD6 Public Education Material Distribution	254.21	35.05	6,491	5,238	20,772	30	16	16	215	20,945
052000019	City of Daisetta Education of City Council on Mitigation Benefits	0.16	0.01	0	0	0	0	0	0	0	0
052000020	City of Nacogdoches Public Education Program	3.41	0.27	446	185	5,331	1	0	0	14	4
052000021	Polk County Public Education Campaign	100.67	5.34	84	45	368	0	8	8	17	62
052000022	San Augustine County Public Education on Mitigation Techniques	122.71	4.35	64	28	146	0	2	2	13	42
052000023	Shelby County Public Education on Hazards	21.60	1.07	15	0	8	0	4	4	5	56
052000024	City of Groveton Public Education on Mitigation Actions	0.03	0.00	3	3	2	0	0	0	0	0
052000025	Trinity County Public Education on Mitigation Actions	73.89	5.11	32	15	15	0	1	1	22	68
052000026	Anderson County Code Red System	70.71	3.95	69	28	73	0	2	2	22	348
052000027	Angelina County Siren Warning System Installation	228.11	10.45	1,201	750	8,420	11	19	19	66	165

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Reduction in Flood Risk											
		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	Estimated reduction in injuries
052000017	City of Kennard Public Awareness Program	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000018	JCDD6 Public Education Material Distribution	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000019	City of Daisetta Education of City Council on Mitigation Benefits	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000020	City of Nacogdoches Public Education Program	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000021	Polk County Public Education Campaign	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000022	San Augustine County Public Education on Mitigation Techniques	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000023	Shelby County Public Education on Hazards	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000024	City of Groveton Public Education on Mitigation Actions	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000025	Trinity County Public Education on Mitigation Actions	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000026	Anderson County Code Red System	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000027	Angelina County Siren Warning System Installation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Cost/ Structure removed	Consideration of Nature-based Solution (Y/N)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)
052000017	City of Kennard Public Awareness Program	N/A	0	No	No	No
052000018	JCDD6 Public Education Material Distribution	N/A	0	No	No	No
052000019	City of Daisetta Education of City Council on Mitigation Benefits	N/A	0	No	No	No
052000020	City of Nacogdoches Public Education Program	N/A	0	No	No	No
052000021	Polk County Public Education Campaign	N/A	0	No	No	No
052000022	San Augustine County Public Education on Mitigation Techniques	N/A	0	No	No	No
052000023	Shelby County Public Education on Hazards	N/A	0	No	No	No
052000024	City of Groveton Public Education on Mitigation Actions	N/A	0	No	No	No
052000025	Trinity County Public Education on Mitigation Actions	N/A	0	No	No	No
052000026	Anderson County Code Red System	N/A	0	No	No	No
052000027	Angelina County Siren Warning System Installation	N/A	0	No	No	No

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Description	Sponsor	Estimated Project Cost (\$)	Potential Funding Sources and Amount
052000028	Houston County Alert/Notification System Installation	Purchase and install I-info alert/notification system including one user license per jurisdiction or participating entity.	Houston	\$602,000	\$0
052000029	Houston County Gage Installation and Monitoring	Install stream and rain gauges in flood prone areas and waterways as part of overall rainfall tracking, recording program, and new alert notification system.	Houston	\$121,000	\$0
052000030	Houston County Rainfall Observer Program	Implement rainfall observer program utilizing volunteers.	Houston	\$5,000	\$0
052000031	City of Brownsboro Code Red System Implementation	Obtain access and/or incorporate the use of the automated emergency calling system, Code Red, into local emergency management plan	Brownsboro	\$100,000	\$0
052000032	City of Chandler Warning Siren Maintenance	Check the location and condition of warning sirens; determine if repairs are needed	Chandler	\$100,000	\$0
052000033	City of Murchison Warning Siren System Installation	Obtain early warning siren system installment inside jurisdiction to assist in public notification of hazard prior to hazard occurrence	Murchison	\$100,000	\$0
052000034	JCDD6 Increase Flood Predictive Capability for Streams and Creeks	Utilize ALERT stations and work with National Weather Service to help citizens of the Bevil Oaks community better understand the flood warnings and predictions.	Jefferson County Drainage District 6	\$100,000	\$0
052000035	JCDD7 Update Data Operation System-Control Center	Will allow officials to see what pump stations are operating in real time, monitor pumps/generator conditions and status	Jefferson County Drainage District 7	\$104,000	\$0
052000036	OCDD Hazard Notification System Development	Develop employee emergency notification system to warn staff of imminent hazards/risks.	Orange County Drainage District	\$11,000	\$0
052000037	OCDD Installing Additional Stream Gages	Add stream gauges to the major watersheds to increase flood predictive capability for streams and creeks that affect OCDD (stream gages)	Orange County Drainage District	\$534,000	\$0

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Flood Risk									
		Area in 100yr Floodplain	Area in 500yr Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)
052000028	Houston County Alert/Notification System Installation	61.41	4.75	17	3	16	0	7	7	20	117
052000029	Houston County Gage Installation and Monitoring	61.41	4.75	17	3	16	0	7	7	20	117
052000030	Houston County Rainfall Observer Program	61.41	4.75	17	3	16	0	7	7	20	117
052000031	City of Brownsboro Code Red System Implementation	0.55	0.05	32	15	52	0	0	0	1	8
052000032	City of Chandler Warning Siren Maintenance	1.03	0.07	29	13	105	0	0	0	1	7
052000033	City of Murchison Warning Siren System Installation	0.08	0.01	3	2	1	0	0	0	0	0
052000034	JCDD6 Increase Flood Predictive Capability for Streams and Creeks	254.21	35.05	6,491	5,238	20,772	30	16	16	215	20,945
052000035	JCDD7 Update Data Operation System-Control Center	36.65	45.18	4,705	3,668	17,575	82	3	3	95	876
052000036	OCDD Hazard Notification System Development	102.59	18.99	5,007	4,273	11,929	36	20	20	136	346
052000037	OCDD Installing Additional Stream Gages	102.59	18.99	5,007	4,273	11,929	36	20	20	136	346

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Reduction in Flood Risk											
		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	Estimated reduction in injuries
052000028	Houston County Alert/Notification System Installation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000029	Houston County Gage Installation and Monitoring	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000030	Houston County Rainfall Observer Program	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000031	City of Brownsboro Code Red System Implementation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000032	City of Chandler Warning Siren Maintenance	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000033	City of Murchison Warning Siren System Installation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000034	JCDD6 Increase Flood Predictive Capability for Streams and Creeks	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000035	JCDD7 Update Data Operation System-Control Center	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000036	OCDD Hazard Notification System Development	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000037	OCDD Installing Additional Stream Gages	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Cost/ Structure removed	Consideration of Nature-based Solution (Y/N)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)
052000028	Houston County Alert/Notification System Installation	N/A	0	No	No	No
052000029	Houston County Gage Installation and Monitoring	N/A	0	No	No	No
052000030	Houston County Rainfall Observer Program	N/A	0	No	No	No
052000031	City of Brownsboro Code Red System Implementation	N/A	0	No	No	No
052000032	City of Chandler Warning Siren Maintenance	N/A	0	No	No	No
052000033	City of Murchison Warning Siren System Installation	N/A	0	No	No	No
052000034	JCDD6 Increase Flood Predictive Capability for Streams and Creeks	N/A	0	No	No	No
052000035	JCDD7 Update Data Operation System-Control Center	N/A	0	No	No	No
052000036	OCDD Hazard Notification System Development	N/A	0	No	No	No
052000037	OCDD Installing Additional Stream Gages	N/A	0	No	No	No

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Description	Sponsor	Estimated Project Cost (\$)	Potential Funding Sources and Amount
052000038	Polk County Improved Hazard Communication	Upgrade and expand implementation of natural hazard warning systems and methods.	Polk	\$3,110,000	\$0
052000039	Shelby County Electronic Hazard Warning Message Board Acquisition	Acquire electronic message board for use during disaster response and recovery operations	Shelby	\$111,000	\$0
052000040	Shelby County Warning Siren Installation	Install warning sirens at strategic locations for use during disaster events	Shelby	\$3,319,000	\$0
052000041	City of Groveton Warning System Upgrades	Implement, upgrade, expand, and integrate digital methods for storm notification to include all methods of communication including: cell phones, text messages, land-lines, internet networking sites, television, and radio.	Groveton	\$11,000	\$0
052000042	Van Zandt County Warning System Acquisition	Acquire and Install Warning Systems throughout the County, including Incorporated Jurisdictions. Reduce risk to citizens through improved communications and early warning.	Van Zandt	\$82,000	\$0
052000043	Angelina County Property Acquisition	Acquire repetitive loss properties.	Angelina	\$2,100,000	\$0
052000044	Angelina County Property Elevation	Elevate properties in the floodplain.	Angelina	\$630,000	\$0
052000045	Hardin County Voluntary Flood Buyout	Voluntary flood buyouts.	Hardin	\$4,000,000	\$0
052000046	Hardin County Voluntary Residential Structure Elevation	Voluntary elevations of flood prone properties in Hardin County.	Hardin	\$7,500,000	\$0
052000047	City of Kountze Flood Buyout	Voluntary flood buyouts.	Kountze	\$6,000,000	\$0
052000048	City of Lumberton Voluntary Flood Buyout	Voluntary flood buyouts.	Lumberton	\$6,000,000	\$0

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Flood Risk									
		Area in 100yr Floodplain	Area in 500yr Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)
052000038	Polk County Improved Hazard Communication	100.67	5.34	84	45	368	0	8	8	17	62
052000039	Shelby County Electronic Hazard Warning Message Board Acquisition	21.60	1.07	15	0	8	0	4	4	5	56
052000040	Shelby County Warning Siren Installation	21.60	1.07	15	0	8	0	4	4	5	56
052000041	City of Groveton Warning System Upgrades	0.03	0.00	3	3	2	0	0	0	0	0
052000042	Van Zandt County Warning System Acquisition	29.91	2.09	217	144	233	0	0	0	13	232
052000043	Angelina County Property Acquisition	228.11	10.45	1,201	750	8,420	11	19	19	66	165
052000044	Angelina County Property Elevation	228.11	10.45	1,201	750	8,420	11	19	19	66	165
052000045	Hardin County Voluntary Flood Buyout	306.37	49.13	3,678	2,638	10,528	25	13	13	136	743
052000046	Hardin County Voluntary Residential Structure Elevation	306.37	49.13	3,678	2,638	10,528	25	13	13	136	743
052000047	City of Kountze Flood Buyout	0.64	0.46	3	2	2	0	0	0	1	0
052000048	City of Lumberton Voluntary Flood Buyout	2.61	1.29	235	210	658	0	1	1	4	23

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Reduction in Flood Risk											
		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	Estimated reduction in injuries
052000038	Polk County Improved Hazard Communication	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000039	Shelby County Electronic Hazard Warning Message Board Acquisition	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000040	Shelby County Warning Siren Installation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000041	City of Groveton Warning System Upgrades	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000042	Van Zandt County Warning System Acquisition	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000043	Angelina County Property Acquisition	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000044	Angelina County Property Elevation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000045	Hardin County Voluntary Flood Buyout	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000046	Hardin County Voluntary Residential Structure Elevation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000047	City of Kountze Flood Buyout	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000048	City of Lumberton Voluntary Flood Buyout	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Cost/ Structure removed	Consideration of Nature-based Solution (Y/N)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)
052000038	Polk County Improved Hazard Communication	N/A	0	No	No	No
052000039	Shelby County Electronic Hazard Warning Message Board Acquisition	N/A	0	No	No	No
052000040	Shelby County Warning Siren Installation	N/A	0	No	No	No
052000041	City of Groveton Warning System Upgrades	N/A	0	No	No	No
052000042	Van Zandt County Warning System Acquisition	N/A	0	No	No	No
052000043	Angelina County Property Acquisition	N/A	100	No	No	No
052000044	Angelina County Property Elevation	N/A	0	No	No	No
052000045	Hardin County Voluntary Flood Buyout	N/A	100	No	No	No
052000046	Hardin County Voluntary Residential Structure Elevation	N/A	0	No	No	No
052000047	City of Kountze Flood Buyout	N/A	100	No	No	No
052000048	City of Lumberton Voluntary Flood Buyout	N/A	100	No	No	No

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Description	Sponsor	Estimated Project Cost (\$)	Potential Funding Sources and Amount
052000049	City of Rose Hill Acres Voluntary Flood Buyout	Voluntary flood buyouts.	Rose Hill Acres	\$5,000,000	\$0
052000050	City of Rose Hill Acres Voluntary Residential Structure Elevation	Voluntary elevations of flood prone properties in Rose Hill Acres.	Rose Hill Acres	\$6,000,000	\$0
052000051	City of Silsbee Voluntary Flood Buyout	Voluntary flood buyouts.	Silsbee	\$6,000,000	\$0
052000052	City of Sour Lake Voluntary Flood Buyout	Voluntary flood buyouts.	Sour Lake	\$6,000,000	\$0
052000053	Jefferson County Property Elevation	FIF Application; aimed to elevate houses within county subject to inundation from flooding.	Jefferson	\$1,110,000	\$0
052000054	Liberty County Property Acquisition	Acquire property located in the floodplain including properties located in subdivisions along the Trinity River.	Liberty	\$2,140,000	\$0
052000055	City of Nacogdoches Study and Ranking of Repetitive Loss Structures	Analyze flood-prone properties in the City of Nacogdoches and identify appropriate mitigation options for each repetitive loss structure.	Nacogdoches	\$327,000	\$0

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Flood Risk									
		Area in 100yr Floodplain	Area in 500yr Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)
052000049	City of Rose Hill Acres Voluntary Flood Buyout	0.33	0.05	134	123	278	0	0	0	2	0
052000050	City of Rose Hill Acres Voluntary Residential Structure Elevation	0.33	0.05	134	123	278	0	0	0	2	0
052000051	City of Silsbee Voluntary Flood Buyout	0.93	0.24	87	69	780	2	3	3	2	1
052000052	City of Sour Lake Voluntary Flood Buyout	1.16	0.42	435	323	1,687	7	3	3	8	7
052000053	Jefferson County Property Elevation	604.79	90.14	12,869	9,726	40,765	316	22	22	474	33,019
052000054	Liberty County Property Acquisition	73.97	11.69	116	57	143	1	0	0	7	1,526
052000055	City of Nacogdoches Study and Ranking of Repetitive Loss Structures	3.41	0.27	446	185	5,331	1	0	0	14	4

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Reduction in Flood Risk											
		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	Estimated reduction in injuries
052000049	City of Rose Hill Acres Voluntary Flood Buyout	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000050	City of Rose Hill Acres Voluntary Residential Structure Elevation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000051	City of Silsbee Voluntary Flood Buyout	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000052	City of Sour Lake Voluntary Flood Buyout	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000053	Jefferson County Property Elevation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000054	Liberty County Property Acquisition	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000055	City of Nacogdoches Study and Ranking of Repetitive Loss Structures	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Cost/ Structure removed	Consideration of Nature-based Solution (Y/N)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)
052000049	City of Rose Hill Acres Voluntary Flood Buyout	N/A	100	No	No	No
052000050	City of Rose Hill Acres Voluntary Residential Structure Elevation	N/A	0	No	No	No
052000051	City of Silsbee Voluntary Flood Buyout	N/A	100	No	No	No
052000052	City of Sour Lake Voluntary Flood Buyout	N/A	100	No	No	No
052000053	Jefferson County Property Elevation	N/A	0	No	No	No
052000054	Liberty County Property Acquisition	N/A	100	No	No	No
052000055	City of Nacogdoches Study and Ranking of Repetitive Loss Structures	N/A	100	No	No	No

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Description	Sponsor	Estimated Project Cost (\$)	Potential Funding Sources and Amount
052000056	San Augustine County Acquisition and Conversion of Flood Prone Properties	Acquire flood prone/repetitive loss properties and convert to open space, parks, boating access, trails, agricultural projects, and/or as a general community asset.	San Augustine	\$530,000	\$0
052000057	San Augustine County Structure Elevation	Elevate existing flood prone structures above the base flood elevation to reduce flood losses. Flood proof historical structures at risk from flooding.	San Augustine	\$318,000	\$0
052000058	Shelby 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	Shelby	\$100,000	\$0
052000059	Trinity County Buyout Program Implementation	Develop and implement a program to buyout repetitive loss properties and convert to open space, parks, boating access, trails, and/or as a general community asset.	Trinity	\$100,000	\$0
052000060	City of Groveton Buyout Program Implementation	Develop and implement a program to buyout repetitive loss properties and convert to open space, parks, boating access, trails, and/or as a general community asset.	Groveton	\$100,000	\$0
052000061	City of Diboll Ordinance and Regulation Update	Update building code and subdivision ordinance to include restrictions on the distance a structure can be built from active streams and creeks.	Diboll	\$10,000	\$0
052000062	City of Cuney Bridge and Culvert Inspection Program	Plan and implement a program to regularly inspect low-lying bridges and highway culverts, clear debris, and create safe pathways for excess water runoff, to avoid flooding.	Cuney	\$25,000	\$0
052000063	City of Cuney Seek NFIP Participation	Pass appropriate Resolutions and Ordinances for participation in the National Flood Insurance Program.	Cuney	\$5,000	\$0
052000064	City of Gallatin Multi-Jurisdiction Coordination	Work with County or TXDOT to increase drainage capacity in sites that are prone to flooding.	Gallatin	\$5,000	\$0
052000065	City of Jacksonville Multi-Jurisdiction Coordination	Work with County or TXDOT to increase drainage capacity in sites that are prone to flooding.	Jacksonville	\$10,000	\$0

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Flood Risk									
		Area in 100yr Floodplain	Area in 500yr Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)
052000056	San Augustine County Acquisition and Conversion of Flood Prone Properties	122.71	4.35	64	28	146	0	2	2	13	42
052000057	San Augustine County Structure Elevation	122.71	4.35	64	28	146	0	2	2	13	42
052000058	Shelby County Property Acquisition	21.60	1.07	15	0	8	0	4	4	5	56
052000059	Trinity County Buyout Program Implementation	73.89	5.11	32	15	15	0	1	1	22	68
052000060	City of Groveton Buyout Program Implementation	0.03	0.00	3	3	2	0	0	0	0	0
052000061	City of Diboll Ordinance and Regulation Update	0.98	0.07	118	49	610	6	0	0	4	1
052000062	City of Cunev Bridge and Culvert Inspection Program	0.15	0.01	0	0	0	0	0	0	0	0
052000063	City of Cunev Seek NFIP Participation	0.15	0.01	0	0	0	0	0	0	0	0
052000064	City of Gallatin Multi-Jurisdiction Coordination	0.84	0.06	2	2	0	0	0	0	1	60
052000065	City of Jacksonville Multi-Jurisdiction Coordination	0.66	0.26	192	134	606	0	7	7	4	4

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Reduction in Flood Risk											
		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	Estimated reduction in injuries
052000056	San Augustine County Acquisition and Conversion of Flood Prone Properties	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000057	San Augustine County Structure Elevation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000058	Shelby County Property Acquisition	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000059	Trinity County Buyout Program Implementation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000060	City of Groveton Buyout Program Implementation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000061	City of Diboll Ordinance and Regulation Update	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000062	City of Cuneys Bridge and Culvert Inspection Program	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000063	City of Cuneys Seek NFIP Participation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000064	City of Gallatin Multi-Jurisdiction Coordination	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000065	City of Jacksonville Multi-Jurisdiction Coordination	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Cost/ Structure removed	Consideration of Nature-based Solution (Y/N)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)
052000056	San Augustine County Acquisition and Conversion of Flood Prone Properties	N/A	100	No	No	No
052000057	San Augustine County Structure Elevation	N/A	0	No	No	No
052000058	Shelby County Property Acquisition	N/A	100	No	No	No
052000059	Trinity County Buyout Program Implementation	N/A	100	No	No	No
052000060	City of Groveton Buyout Program Implementation	N/A	100	No	No	No
052000061	City of Diboll Ordinance and Regulation Update	N/A	0	No	No	No
052000062	City of Cunev Bridge and Culvert Inspection Program	N/A	0	No	No	No
052000063	City of Cunev Seek NFIP Participation	N/A	0	No	No	No
052000064	City of Gallatin Multi-Jurisdiction Coordination	N/A	0	No	No	No
052000065	City of Jacksonville Multi-Jurisdiction Coordination	N/A	0	No	No	No

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Description	Sponsor	Estimated Project Cost (\$)	Potential Funding Sources and Amount
052000066	City of Reklaw Improved Enforcement of Ordinances	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.	Reklaw	\$10,000	\$0
052000067	City of Rusk Flood Maps Maintenance and Update	Work with state and federal agencies to maintain current flood maps.	Rusk	\$10,000	\$0
052000068	Hardin County Continued NFIP Participation	Continue participation in the NFIP and initiate participation in CRS. Includes improvement of flood mapping and elevation data, mitigation for repetitive loss properties, and instituting higher regulatory standards for future floodplain development.	Hardin	\$80,000	\$0
052000069	Hardin County Drainage District	Form Drainage District: Purpose would be to oversee/ maintain, and construct required drainage projects for the County. Regulate stormwater mitigation for new and future developments.	Hardin	\$900,000	\$0
052000070	City of Kountze Continued NFIP Participation	Continue participation in the NFIP and initiate participation in CRS. Includes improvement of flood mapping and elevation data, mitigation for repetitive loss properties, and instituting higher regulatory standards for future floodplain development.	Kountze	\$60,000	\$0
052000071	City of Lumberton Continued NFIP Participation	Continue participation in the NFIP and initiate participation in CRS. Includes improvement of flood mapping and elevation data, mitigation for repetitive loss properties, and instituting higher regulatory standards for future floodplain development.	Lumberton	\$80,000	\$0
052000072	City of Rose Hill Acres Continued NFIP Participation	Continue participation in the NFIP and initiate participation in CRS. Includes improvement of flood mapping and elevation data, mitigation for repetitive loss properties, and instituting higher regulatory standards for future floodplain development.	Rose Hill Acres	\$80,000	\$0
052000073	City of Silsbee Continued NFIP Participation	Continue participation in the NFIP and initiate participation in CRS. Includes improvement of flood mapping and elevation data, mitigation for repetitive loss properties, and instituting higher regulatory standards for future floodplain development.	Silsbee	\$50,000	\$0

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Flood Risk									
		Area in 100yr Floodplain	Area in 500yr Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)
052000066	City of Reklaw Improved Enforcement of Ordinances	0.61	0.03	1	0	0	0	0	0	0	1
052000067	City of Rusk Flood Maps Maintenance and Update	0.54	0.06	41	9	462	0	0	0	2	1
052000068	Hardin County Continued NFIP Participation	306.37	49.13	3,678	2,638	10,528	25	13	13	136	743
052000069	Hardin County Drainage District	306.38	49.13	3,678	2,638	10,528	25	13	13	136	743
052000070	City of Kountze Continued NFIP Participation	0.64	0.46	3	2	2	0	0	0	1	0
052000071	City of Lumberton Continued NFIP Participation	2.61	1.29	235	210	658	0	1	1	4	23
052000072	City of Rose Hill Acres Continued NFIP Participation	0.33	0.05	134	123	278	0	0	0	2	0
052000073	City of Silsbee Continued NFIP Participation	0.93	0.24	87	69	780	2	3	3	2	1

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Reduction in Flood Risk											
		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	Estimated reduction in injuries
052000066	City of Reklaw Improved Enforcement of Ordinances	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000067	City of Rusk Flood Maps Maintenance and Update	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000068	Hardin County Continued NFIP Participation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000069	Hardin County Drainage District	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000070	City of Kountze Continued NFIP Participation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000071	City of Lumberton Continued NFIP Participation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000072	City of Rose Hill Acres Continued NFIP Participation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000073	City of Silsbee Continued NFIP Participation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Cost/ Structure removed	Consideration of Nature-based Solution (Y/N)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)
052000066	City of Reklaw Improved Enforcement of Ordinances	N/A	0	No	No	No
052000067	City of Rusk Flood Maps Maintenance and Update	N/A	0	No	No	No
052000068	Hardin County Continued NFIP Participation	N/A	0	No	No	No
052000069	Hardin County Drainage District	N/A	0	No	No	No
052000070	City of Kountze Continued NFIP Participation	N/A	0	No	No	No
052000071	City of Lumberton Continued NFIP Participation	N/A	0	No	No	No
052000072	City of Rose Hill Acres Continued NFIP Participation	N/A	0	No	No	No
052000073	City of Silsbee Continued NFIP Participation	N/A	0	No	No	No

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Description	Sponsor	Estimated Project Cost (\$)	Potential Funding Sources and Amount
052000074	City of Sour Lake Continued NFIP Participation	Continue participation in the NFIP and initiate participation in CRS. Includes improvement of flood mapping and elevation data, mitigation for repetitive loss properties, and instituting higher regulatory standards for future floodplain development.	Sour Lake	\$60,000	\$0
052000075	Houston County Mobile Home Inspection	Conduct routine inspection of manufactured home/mobile homes in flood-prone area to ensure proper tie-downs per Flood Damage Ordinance.	Houston	\$61,000	\$0
052000076	JCDD6 Multi-Jurisdiction Coordination	Increase coordination with the City and County regarding flood predictions and post event recovery.	Jefferson County Drainage District 6	\$20,000	\$0
052000077	JCDD6 Severe Weather Action Plan	Create severe weather action plan, conduct drills, identify and promulgate evacuation and sheltering options.	Jefferson County Drainage District 6	\$60,000	\$0
052000078	JCDD7 Storm Water Management Plan	Help to establish and allow District to enforce development regulations within existing flood zones.	Jefferson County Drainage District 7	\$50,000	\$0
052000079	City of Daisetta Property Construction Ordinance	The city shall adopt a land-use ordinance which prohibits building residential or commercial structures in the 100-year floodplain.	Daisetta	\$10,000	\$0
052000080	City of Daisetta Property Elevation Ordinance	The city shall adopt a land use ordinance which requires any structure within the 100-year floodplain to be elevated 2 feet above base flood elevation.	Daisetta	\$5,000	\$0
052000081	City of Hardin Subdivision Ordinance Implementation	Implement subdivision ordinance regulations concerning building in flood-prone areas.	Hardin	\$10,000	\$0
052000082	City of Nacogdoches Stormwater Drainage Fee Implementation	Implement stormwater drainage fee to assist funding of flood mitigation infrastructure projects	Nacogdoches	\$40,000	\$0

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Flood Risk									
		Area in 100yr Floodplain	Area in 500yr Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)
052000074	City of Sour Lake Continued NFIP Participation	1.16	0.42	435	323	1,687	7	3	3	8	7
052000075	Houston County Mobile Home Inspection	61.41	4.75	17	3	16	0	7	7	20	117
052000076	JCDD6 Multi-Jurisdiction Coordination	254.21	35.05	6,491	5,238	20,772	30	16	16	215	20,945
052000077	JCDD6 Severe Weather Action Plan	254.21	35.05	6,491	5,238	20,772	30	16	16	215	20,945
052000078	JCDD7 Storm Water Management Plan	36.65	45.18	4,705	3,668	17,575	82	3	3	95	876
052000079	City of Daisetta Property Construction Ordinance	0.16	0.01	0	0	0	0	0	0	0	0
052000080	City of Daisetta Property Elevation Ordinance	0.16	0.01	0	0	0	0	0	0	0	0
052000081	City of Hardin Subdivision Ordinance Implementation	0.12	0.01	1	1	1	0	0	0	0	1
052000082	City of Nacogdoches Stormwater Drainage Fee Implementation	3.41	0.27	446	185	5,331	1	0	0	14	4

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Reduction in Flood Risk											
		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	Estimated reduction in injuries
052000074	City of Sour Lake Continued NFIP Participation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000075	Houston County Mobile Home Inspection	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000076	JCDD6 Multi-Jurisdiction Coordination	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000077	JCDD6 Severe Weather Action Plan	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000078	JCDD7 Storm Water Management Plan	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000079	City of Daisetta Property Construction Ordinance	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000080	City of Daisetta Property Elevation Ordinance	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000081	City of Hardin Subdivision Ordinance Implementation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000082	City of Nacogdoches Stormwater Drainage Fee Implementation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Cost/ Structure removed	Consideration of Nature-based Solution (Y/N)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)
052000074	City of Sour Lake Continued NFIP Participation	N/A	0	No	No	No
052000075	Houston County Mobile Home Inspection	N/A	0	No	No	No
052000076	JCDD6 Multi-Jurisdiction Coordination	N/A	0	No	No	No
052000077	JCDD6 Severe Weather Action Plan	N/A	0	No	No	No
052000078	JCDD7 Storm Water Management Plan	N/A	0	No	No	No
052000079	City of Daisetta Property Construction Ordinance	N/A	0	No	No	No
052000080	City of Daisetta Property Elevation Ordinance	N/A	0	No	No	No
052000081	City of Hardin Subdivision Ordinance Implementation	N/A	0	No	No	No
052000082	City of Nacogdoches Stormwater Drainage Fee Implementation	N/A	0	No	No	No

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Description	Sponsor	Estimated Project Cost (\$)	Potential Funding Sources and Amount
052000083	City of Nacogdoches Codes and Ordinances Update	Review and update, if necessary, all City codes and ordinances pertaining to floodplain management to ensure their compliance with state and federal laws and to achieve cohesion with the mitigation strategies contained herein.	Nacogdoches	\$30,000	\$0
052000084	OCDD Drainage Criteria Manual and Regulations Enforcement	Implement and enforce the Drainage Criteria Manual and Regulations for regulation of the effects of new developments and stormwater runoff.	Orange County Drainage District	\$20,000	\$0
052000085	OCDD Support/Create Stricter Floodplain Ordinances	Work with Communities to support ordinances or create ordinances that help to protect new structures from being built in the floodplain or floodway	Orange County Drainage District	\$40,000	\$0
052000086	San Augustine County Continue NFIP Participation	Continue participation in the National Flood Insurance Program (NFIP) and expand administration and monitoring capabilities	San Augustine	\$53,000	\$0
052000087	City of Linsdale Natural Runoff Policies Implementation	Incorporate “natural run-off” policies. Calculate cumulative effect of development, increase capacity of storm water drainage systems, institute regular drain system maintenance.	Lindale	\$30,000	\$0
052000088	City of Linsdale No Adverse Impact Implementation	Incorporate "no adverse impact" design requirements in community development. Provide awareness to stakeholders and design engineers; building code adoption and plan approval process.	Lindale	\$60,000	\$0
052000089	City of Troup Floodplain Ordinance Update	Adopt and enforce a stricter floodplain ordinance that no new structures are allowed in the 100-year floodway. Adopted by City Council action.	Troup	\$40,000	\$0
052000090	Trinity County Dam/Levee Failure Data Collection	Develop and implement standard operating procedures for collecting and sharing data to provide extent of dam/levee failure	Trinity	\$30,600	\$0
052000091	Van Zandt County Higher Standards Incorporation	Incorporate Higher Standards for Hazard Resistance in Local Application of the Building Code.	Van Zandt	\$30,000	\$0
052000092	Anderson County Culvert Improvements	Widen culverts to mitigate against future drainage issues that lead to flooding.	Anderson	\$3,000,000	\$0
052000093	Anderson County Dam Inspection and Maintenance Program	Work with dam owners to keep dams in excellent condition by visiting dam locations and doing inspections with owners to ensure that dams are properly maintained and failure possibilities are greatly reduced.	Anderson	\$2,000,000	\$0

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Flood Risk									
		Area in 100yr Floodplain	Area in 500yr Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)
052000083	City of Nacogdoches Codes and Ordinances Update	3.41	0.27	446	185	5,331	1	0	0	14	4
052000084	OCDD Drainage Criteria Manual and Regulations Enforcement	102.59	18.99	5,007	4,273	11,929	36	20	20	136	346
052000085	OCDD Support/Create Stricter Floodplain Ordinances	102.59	18.99	5,007	4,273	11,929	36	20	20	136	346
052000086	San Augustine County Continue NFIP Participation	122.71	4.35	64	28	146	0	2	2	13	42
052000087	City of Linsdale Natural Runoff Policies Implementation	0.30	0.02	17	6	69	0	0	0	0	1
052000088	City of Linsdale No Adverse Impact Implementation	0.30	0.02	17	6	69	0	0	0	0	1
052000089	City of Troup Floodplain Ordinance Update	0.05	0.01	1	1	17	0	0	0	0	0
052000090	Trinity County Dam/Levee Failure Data Collection	73.89	5.11	32	15	15	0	1	1	22	68
052000091	Van Zandt County Higher Standards Incorporation	29.91	2.09	217	144	233	0	0	0	13	232
052000092	Anderson County Culvert Improvements	70.71	3.95	69	28	73	0	2	2	22	348
052000093	Anderson County Dam Inspection and Maintenance Program	70.71	3.95	69	28	73	0	2	2	22	348

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Reduction in Flood Risk											
		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	Estimated reduction in injuries
052000083	City of Nacogdoches Codes and Ordinances Update	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000084	OCDD Drainage Criteria Manual and Regulations Enforcement	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000085	OCDD Support/Create Stricter Floodplain Ordinances	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000086	San Augustine County Continue NFIP Participation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000087	City of Linsdale Natural Runoff Policies Implementation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000088	City of Linsdale No Adverse Impact Implementation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000089	City of Troup Floodplain Ordinance Update	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000090	Trinity County Dam/Levee Failure Data Collection	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000091	Van Zandt County Higher Standards Incorporation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000092	Anderson County Culvert Improvements	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000093	Anderson County Dam Inspection and Maintenance Program	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Cost/ Structure removed	Consideration of Nature-based Solution (Y/N)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)
052000083	City of Nacogdoches Codes and Ordinances Update	N/A	0	No	No	No
052000084	OCDD Drainage Criteria Manual and Regulations Enforcement	N/A	0	No	No	No
052000085	OCDD Support/Create Stricter Floodplain Ordinances	N/A	0	No	No	No
052000086	San Augustine County Continue NFIP Participation	N/A	0	No	No	No
052000087	City of Linsdale Natural Runoff Policies Implementation	N/A	100	No	No	No
052000088	City of Linsdale No Adverse Impact Implementation	N/A	0	No	No	No
052000089	City of Troup Floodplain Ordinance Update	N/A	0	No	No	No
052000090	Trinity County Dam/Levee Failure Data Collection	N/A	0	No	No	No
052000091	Van Zandt County Higher Standards Incorporation	N/A	0	No	No	No
052000092	Anderson County Culvert Improvements	N/A	0	No	No	No
052000093	Anderson County Dam Inspection and Maintenance Program	N/A	0	No	No	No

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Description	Sponsor	Estimated Project Cost (\$)	Potential Funding Sources and Amount
052000094	City of Frankston Culvert Improvements	Develop plan to increase drainage capacity in sites that are prone to flooding.	Frankston	\$1,000,000	\$0
052000095	City of Palestine Drainage System Expansion and Maintenance	Establish plan and necessary standards to increase the capacity of drainage ditches along all city streets and roads	Palestine	\$2,000,000	\$0
052000096	Angelina County Culvert Improvements	Develop plan to upgrade major culvert areas which are prone to flooding.	Angelina	\$2,000,000	\$0
052000097	City of Burke Drainage Ditch Capacity Upgrades	Establish a plan and necessary standards to increase the capacity of drainage ditches along all city streets and roads	Burke	\$500,000	\$0
052000098	Chambers County Property Protection	Project will clear obstacles, widen and reshape ditches, and upgrade culverts to restore adequate drainage to mitigate flooding throughout all participating jurisdictions	Chambers	\$1,000,000	\$0
052000099	Cherokee County Culvert Upgrades	Develop plan to upgrade major culvert areas which are prone to flooding.	Cherokee	\$2,000,000	\$0
052000100	City of Alto Culvert Improvements	Develop plan to increase drainage capacity in sites that are prone to flooding.	Alto	\$1,000,000	\$0
052000101	City of Reklaw Drainage System Upgrades	Establish plan to increase drainage capacity in sites that are prone to flooding.	Reklaw	\$1,000,000	\$0
052000102	City of Rusk Culvert Improvements	Establish plan to increase drainage capacity in sites that are prone to flooding.	Rusk	\$1,000,000	\$0
052000103	City of Wells Culvert Improvements	Establish plan to increase drainage capacity in sites that are prone to flooding.	Wells	\$1,000,000	\$0
052000104	Hardin County Culverts, Ditches, and Channel	Establish plan to upgrade storm water capacity by installing/upgrading culverts and enlarging storm water channels.	Hardin	\$3,000,000	\$0

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Flood Risk									
		Area in 100yr Floodplain	Area in 500yr Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)
052000094	City of Frankston Culvert Improvements	0.24	0.02	0	0	0	0	0	0	0	0
052000095	City of Palestine Drainage System Expansion and Maintenance	0.49	0.11	14	10	42	0	2	2	2	2
052000096	Angelina County Culvert Improvements	228.11	10.45	1,201	750	8,420	11	19	19	66	165
052000097	City of Burke Drainage Ditch Capacity Upgrades	0.08	0.01	1	1	0	0	0	0	0	0
052000098	Chambers County Property Protection	264.64	106.76	1,175	459	1,431	0	0	0	162	36,933
052000099	Cherokee County Culvert Upgrades	171.37	9.52	672	302	1,382	1	10	10	49	920
052000100	City of Alto Culvert Improvements	0.11	0.01	11	2	2	0	0	0	0	0
052000101	City of Reklaw Drainage System Upgrades	0.61	0.03	1	0	0	0	0	0	0	1
052000102	City of Rusk Culvert Improvements	0.54	0.06	41	9	462	0	0	0	2	1
052000103	City of Wells Culvert Improvements	0.04	0.00	1	1	0	0	0	0	0	0
052000104	Hardin County Culverts, Ditches, and Channel	306.37	49.13	3,678	2,638	10,528	25	13	13	136	743

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Reduction in Flood Risk											
		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	Estimated reduction in injuries
052000094	City of Frankston Culvert Improvements	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000095	City of Palestine Drainage System Expansion and Maintenance	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000096	Angelina County Culvert Improvements	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000097	City of Burke Drainage Ditch Capacity Upgrades	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000098	Chambers County Property Protection	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000099	Cherokee County Culvert Upgrades	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000100	City of Alto Culvert Improvements	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000101	City of Reklaw Drainage System Upgrades	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000102	City of Rusk Culvert Improvements	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000103	City of Wells Culvert Improvements	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000104	Hardin County Culverts, Ditches, and Channel	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Cost/ Structure removed	Consideration of Nature-based Solution (Y/N)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)
052000094	City of Frankston Culvert Improvements	N/A	0	No	No	No
052000095	City of Palestine Drainage System Expansion and Maintenance	N/A	0	No	No	No
052000096	Angelina County Culvert Improvements	N/A	0	No	No	No
052000097	City of Burke Drainage Ditch Capacity Upgrades	N/A	0	No	No	No
052000098	Chambers County Property Protection	N/A	0	No	No	No
052000099	Cherokee County Culvert Upgrades	N/A	0	No	No	No
052000100	City of Alto Culvert Improvements	N/A	0	No	No	No
052000101	City of Reklaw Drainage System Upgrades	N/A	0	No	No	No
052000102	City of Rusk Culvert Improvements	N/A	0	No	No	No
052000103	City of Wells Culvert Improvements	N/A	0	No	No	No
052000104	Hardin County Culverts, Ditches, and Channel	N/A	0	No	No	No

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Description	Sponsor	Estimated Project Cost (\$)	Potential Funding Sources and Amount
052000105	Hardin County Detention Ponds	Develop a program to construct water retention ponds to collect stormwater run-off, reduce flooding, and use as an alternate water source throughout Hardin County.	Hardin	\$1,000,000	\$0
052000106	Hardin County Elevate Roads and Bridges	Develop a program to elevate roads and bridges including installing, upsizing culverts and headwalls, and bridge upgrades.	Hardin	\$10,000,000	\$0
052000107	City of Kountze Culverts and Ditches	Develop plan to increase drainage capacity in sites that are prone to flooding.	Kountze	\$3,000,000	\$0
052000108	City of Kountze Elevate Roads and Bridges	Develop a program to elevate roads and bridges including installing, upsizing culverts and headwalls, and bridge upgrades.	Kountze	\$2,000,000	\$0
052000109	City of Kountze General Drainage Improvements	Increase drainage capacity; add stormwater detention basins and stormwater pumping stations where gravity flow is not feasible.	Kountze	\$1,500,000	\$0
052000110	City of Lumberton Culverts, Ditches, and Channels	Develop plan to increase drainage capacity in sites that are prone to flooding.	Lumberton	\$3,000,000	\$0
052000111	City of Rose Hill Acres Flood Control Improvements	Develop a program to upgrade flood control structures (barriers, berms) for the purpose of protecting critical facilities, potable water sources, and agricultural resources from water contamination and saltwater intrusion.	Rose Hill Acres	\$3,000,000	\$0
052000112	City of Rose Hill Acres General Drainage Improvements	Establish criteria to increase drainage capacity; add stormwater detention basins, box culverts and/or pipes to increase drainage capacity.	Rose Hill Acres	\$400,000	\$0
052000113	City of Silsbee Detention, Culverts, Ditches and Channels	Develop plan to increase drainage capacity in sites that are prone to flooding.	Silsbee	\$1,500,000	\$0
052000114	City of Silsbee Drainage Ditches	Develop a program to upgrade drainage ditches and explore converting necessary ditches into curb / sewer construction.	Silsbee	\$1,000,000	\$0
052000115	City of Silsbee Flood Mitigation for Hendrix Development	Explore, plan, and implement flood mitigation strategies within the Hendrix Development.	Silsbee	\$5,000,000	\$0

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Flood Risk									
		Area in 100yr Floodplain	Area in 500yr Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)
052000105	Hardin County Detention Ponds	306.37	49.13	3,678	2,638	10,528	25	13	13	136	743
052000106	Hardin County Elevate Roads and Bridges	306.38	49.13	3,678	2,638	10,528	25	13	13	136	743
052000107	City of Kountze Culverts and Ditches	0.64	0.46	3	2	2	0	0	0	1	0
052000108	City of Kountze Elevate Roads and Bridges	0.64	0.46	3	2	2	0	0	0	1	0
052000109	City of Kountze General Drainage Improvements	0.64	0.46	3	2	2	0	0	0	1	0
052000110	City of Lumberton Culverts, Ditches, and Channels	2.61	1.29	235	210	658	0	1	1	4	23
052000111	City of Rose Hill Acres Flood Control Improvements	0.33	0.05	134	123	278	0	0	0	2	0
052000112	City of Rose Hill Acres General Drainage Improvements	0.33	0.05	134	123	278	0	0	0	2	0
052000113	City of Silsbee Detention, Culverts, Ditches and Channels	0.93	0.24	87	69	780	2	3	3	2	1
052000114	City of Silsbee Drainage Ditches	0.93	0.24	87	69	780	2	3	3	2	1
052000115	City of Silsbee Flood Mitigation for Hendrix Development	0.93	0.24	87	69	780	2	3	3	2	1

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Reduction in Flood Risk											
		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	Estimated reduction in injuries
052000105	Hardin County Detention Ponds	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000106	Hardin County Elevate Roads and Bridges	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000107	City of Kountze Culverts and Ditches	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000108	City of Kountze Elevate Roads and Bridges	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000109	City of Kountze General Drainage Improvements	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000110	City of Lumberton Culverts, Ditches, and Channels	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000111	City of Rose Hill Acres Flood Control Improvements	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000112	City of Rose Hill Acres General Drainage Improvements	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000113	City of Silsbee Detention, Culverts, Ditches and Channels	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000114	City of Silsbee Drainage Ditches	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000115	City of Silsbee Flood Mitigation for Hendrix Development	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Cost/ Structure removed	Consideration of Nature-based Solution (Y/N)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)
052000105	Hardin County Detention Ponds	N/A	0	No	No	No
052000106	Hardin County Elevate Roads and Bridges	N/A	0	No	No	No
052000107	City of Kountze Culverts and Ditches	N/A	0	No	No	No
052000108	City of Kountze Elevate Roads and Bridges	N/A	0	No	No	No
052000109	City of Kountze General Drainage Improvements	N/A	0	No	No	No
052000110	City of Lumberton Culverts, Ditches, and Channels	N/A	0	No	No	No
052000111	City of Rose Hill Acres Flood Control Improvements	N/A	0	No	No	No
052000112	City of Rose Hill Acres General Drainage Improvements	N/A	0	No	No	No
052000113	City of Silsbee Detention, Culverts, Ditches and Channels	N/A	0	No	No	No
052000114	City of Silsbee Drainage Ditches	N/A	0	No	No	No
052000115	City of Silsbee Flood Mitigation for Hendrix Development	N/A	0	No	No	No

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Description	Sponsor	Estimated Project Cost (\$)	Potential Funding Sources and Amount
052000116	City of Sour Lake Channel Improvements	Establish criteria and standards for installing large concrete channels, box culvert, concrete pipe, and/or mechanisms as needed to mitigate drainage ditch erosion and improve water capacity and conveyance.	Sour Lake	\$500,000	\$0
052000117	City of Sour Lake Drainage Outfalls	Advance a plan to rectify, enlarge, and maintain outfall channels for the City of Sour Lake, including excavating interior roadside ditches.	Sour Lake	\$1,000,000	\$0
052000118	City of Sour Lake Stormwater Detention	Establish criteria and standards to construct water retention ponds to collect stormwater run-off and reduce flooding.	Sour Lake	\$7,000,000	\$0
052000119	Houston County Drainage Culvert Upgrades	Develop a plan to expand/upgrade drainage culverts to prevent flooded roadways and add signage in low-water crossings.	Houston	\$3,000,000	\$0
052000120	Houston County Flood Infrastructure Maintenance	Clear debris from bridges, box culverts, and drainage systems throughout unincorporated county.	Houston	\$2,000,000	\$0
052000121	City of Grapeland Critical Facilities Flood-Proofing	Flood proof critical facilities to the 500-year flood that are located in flood-prone areas of the city.	Houston	\$1,000,000	\$0

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Flood Risk									
		Area in 100yr Floodplain	Area in 500yr Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)
052000116	City of Sour Lake Channel Improvements	1.16	0.42	435	323	1,687	7	3	3	8	7
052000117	City of Sour Lake Drainage Outfalls	1.16	0.42	435	323	1,687	7	3	3	8	7
052000118	City of Sour Lake Stormwater Detention	1.16	0.42	435	323	1,687	7	3	3	8	7
052000119	Houston County Drainage Culvert Upgrades	61.41	4.75	17	3	16	0	7	7	20	117
052000120	Houston County Flood Infrastructure Maintenance	61.41	4.75	17	3	16	0	7	7	20	117
052000121	City of Grapeland Critical Facilities Flood-Proofing	61.41	4.75	17	3	16	0	7	7	20	117

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Reduction in Flood Risk											
		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	Estimated reduction in injuries
052000116	City of Sour Lake Channel Improvements	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000117	City of Sour Lake Drainage Outfalls	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000118	City of Sour Lake Stormwater Detention	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000119	Houston County Drainage Culvert Upgrades	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000120	Houston County Flood Infrastructure Maintenance	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000121	City of Grapeland Critical Facilities Flood-Proofing	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Cost/ Structure removed	Consideration of Nature-based Solution (Y/N)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)
052000116	City of Sour Lake Channel Improvements	N/A	0	No	No	No
052000117	City of Sour Lake Drainage Outfalls	N/A	0	No	No	No
052000118	City of Sour Lake Stormwater Detention	N/A	0	No	No	No
052000119	Houston County Drainage Culvert Upgrades	N/A	0	No	No	No
052000120	Houston County Flood Infrastructure Maintenance	N/A	0	No	No	No
052000121	City of Grapeland Critical Facilities Flood-Proofing	N/A	0	No	No	No

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Description	Sponsor	Estimated Project Cost (\$)	Potential Funding Sources and Amount
052000122	City of Kennard Ditch Maintenance Program	Implement program to routinely remove debris from drainage ways and roadside ditches to prevent back up of flood velocity and improve conveyance of stream during flood events.	Kennard	\$1,000,000	\$0
052000123	Liberty County Drainage Projects	The county will work with partnering jurisdictions and engineers in order to implement drainage projects throughout the county- including adding ditches, detention ponds and detention basins in identified locations throughout the county.	Liberty	\$2,000,000	\$0
052000124	City of Daisetta Culvert Maintenance and Upgrades	Removal of debris, silt and vegetation obstacles in drainage ways. Project will clear obstacles, mow and reshape ditches, and upgrade culverts to restore adequate drainage to mitigate flooding.	Daisetta	\$1,000,000	\$0
052000125	OCDD Flood Infrastructure Improvements	Support regional efforts to plan, design, and construct large scale flood control / storm surge protection improvements	Orange County Drainage District	\$3,000,000	\$0
052000126	Polk County Facilities Hazard Hardening Retrofit	Activities may include but are not limited to: flood proofing, impact resistant windows, storm shutters, roof straps, structural bracing, low-flow plumbing fixtures, roll-up door reinforcement, grounding systems, and surge-protection.	Polk	\$1,500,000	\$0
052000127	Polk County Flood Infrastructure Improvements	Implement program to elevate and reinforce roadways and bridges prone to inundation from flooding. Projects may include general road elevation; upgrading culverts and installing headwalls; upgrades and reinforcement of bridges and bridge footings.	Polk	\$2,000,000	\$0
052000128	City of Henderson Flood Infrastructure Maintenance	Establish a plan to conduct various flood control maintenance improvements throughout the City	Henderson	\$1,000,000	\$0
052000129	San Augustine County Bridge Improvements	Develop a program to elevate roads and bridges including installing, upsizing culverts and headwalls, and bridge upgrades.	San Augustine	\$2,000,000	\$0
052000130	San Augustine County Culvert Upgrades	Establish a plan to upgrade culverts in county extent. Actions can include but are not limited to: installing/upgrading culverts and headwalls; and enlarging storm water ditches and canals.	San Augustine	\$2,000,000	\$0
052000131	San Augustine County Facilities Hazard Hardening Retrofit	Actions can include but are not limited to: installing window screens, storm shutters, window film reinforcements, roof straps, and flood proofing.	San Augustine	\$1,500,000	\$0

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Flood Risk									
		Area in 100yr Floodplain	Area in 500yr Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)
052000122	City of Kennard Ditch Maintenance Program	61.41	4.75	17	3	16	0	7	7	20	117
052000123	Liberty County Drainage Projects	73.97	11.69	116	57	143	1	0	0	7	1,526
052000124	City of Daisetta Culvert Maintenance and Upgrades	0.16	0.01	0	0	0	0	0	0	0	0
052000125	OCDD Flood Infrastructure Improvements	102.59	18.99	5,007	4,273	11,929	36	20	20	136	346
052000126	Polk County Facilities Hazard Hardening Retrofit	100.67	5.34	84	45	368	0	8	8	17	62
052000127	Polk County Flood Infrastructure Improvements	100.67	5.34	84	45	368	0	8	8	17	62
052000128	City of Henderson Flood Infrastructure Maintenance	0.94	0.06	37	17	97	0	0	0	2	5
052000129	San Augustine County Bridge Improvements	122.71	4.35	64	28	146	0	2	2	13	42
052000130	San Augustine County Culvert Upgrades	122.71	4.35	64	28	146	0	2	2	13	42
052000131	San Augustine County Facilities Hazard Hardening Retrofit	122.71	4.35	64	28	146	0	2	2	13	42

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Reduction in Flood Risk											
		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	Estimated reduction in injuries
052000122	City of Kennard Ditch Maintenance Program	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000123	Liberty County Drainage Projects	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000124	City of Daisetta Culvert Maintenance and Upgrades	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000125	OCDD Flood Infrastructure Improvements	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000126	Polk County Facilities Hazard Hardening Retrofit	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000127	Polk County Flood Infrastructure Improvements	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000128	City of Henderson Flood Infrastructure Maintenance	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000129	San Augustine County Bridge Improvements	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000130	San Augustine County Culvert Upgrades	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000131	San Augustine County Facilities Hazard Hardening Retrofit	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Cost/ Structure removed	Consideration of Nature-based Solution (Y/N)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)
052000122	City of Kennard Ditch Maintenance Program	N/A	0	No	No	No
052000123	Liberty County Drainage Projects	N/A	0	No	No	No
052000124	City of Daisetta Culvert Maintenance and Upgrades	N/A	0	No	No	No
052000125	OCDD Flood Infrastructure Improvements	N/A	0	No	No	No
052000126	Polk County Facilities Hazard Hardening Retrofit	N/A	0	No	No	No
052000127	Polk County Flood Infrastructure Improvements	N/A	0	No	No	No
052000128	City of Henderson Flood Infrastructure Maintenance	N/A	0	No	No	No
052000129	San Augustine County Bridge Improvements	N/A	0	No	No	No
052000130	San Augustine County Culvert Upgrades	N/A	0	No	No	No
052000131	San Augustine County Facilities Hazard Hardening Retrofit	N/A	0	No	No	No

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Description	Sponsor	Estimated Project Cost (\$)	Potential Funding Sources and Amount
052000132	San Augustine County Detention and Retention Pond Construction	Construct storm water detention/retention ponds at strategic locations for improved stormwater storage to hold storm water run-off and as a mitigation measure for drought and wildfire.	San Augustine	\$3,000,000	\$0
052000133	City of San Augustine and City of Broaddus County Facilities Hazard Hardening Retrofit	Construct flood protection, winter storm-hardening, and expansive soils mitigation projects for water distribution networks and wastewater facilities for Cities of Broaddus and San Augustine.	San Augustine	\$1,000,000	\$0
052000134	Shelby County Detention and Retention Pond Construction	Establish a plan and necessary standards to construct storm water detention/retention ponds at strategic locations for improved stormwater storage to hold storm water run-off and as a mitigation measure for drought and wildfire	Shelby	\$3,000,000	\$0
052000135	Shelby County Drainage Upgrades	Establish a plan to upgrade stormwater conveyance capacity via drainage improvement projects	Shelby	\$2,000,000	\$0
052000136	Shelby County Facilities Hazard Hardening Retrofit	Establish a plan to storm-harden and/or retrofit existing and newly constructed critical facilities	Shelby	\$2,000,000	\$0
052000137	Shelby County Roadway/Bridge Elevation	Develop a program to elevate roads and bridges including installing, upsizing culverts and headwalls, and bridge upgrades.	Shelby	\$2,000,000	\$0
052000138	City of Tyler Open Channel Improvements	Implement a program to enclose open channels that are contributing to flooding. Priority locations are: 1) Ashmore subdivision between Ashmore and Salisbury and 2) Fleishel Ave. between 6th and 8th Streets.	Tyler	\$1,500,000	\$0
052000139	City of Whitehouse Drainage Capacity Upgrades	Establish a plan to increase stormwater drainage capacity by completing a hydraulic study, evaluating historical water drainage, then constructing needed improvements.	Whitehouse	\$1,000,000	\$0
052000140	Trinity County Flood Infrastructure Upgrades	Within the county, develop a plan to install/improve culverts and headwalls in addition to expanding stormwater ditches and canals	Trinity	\$2,000,000	\$0
052000141	Trinity County Flood-prone Infrastructure Upgrades	Develop a program to upgrade flood infrastructure in the county. May include general roadway elevation upgrading culverts and installing headwalls; upgrades and reinforcement of bridges and bridge footings; etc.	Trinity	\$2,000,000	\$0

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Flood Risk									
		Area in 100yr Floodplain	Area in 500yr Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)
052000132	San Augustine County Detention and Retention Pond Construction	122.71	4.35	64	28	146	0	2	2	13	42
052000133	City of San Augustine and City of Broaddus County Facilities Hazard Hardening Retrofit	0.88	0.06	34	17	114	0	0	0	1	2
052000134	Shelby County Detention and Retention Pond Construction	21.60	1.07	15	0	8	0	4	4	5	56
052000135	Shelby County Drainage Upgrades	21.60	1.07	15	0	8	0	4	4	5	56
052000136	Shelby County Facilities Hazard Hardening Retrofit	21.60	1.07	15	0	8	0	4	4	5	56
052000137	Shelby County Roadway/Bridge Elevation	21.60	1.07	15	0	8	0	4	4	5	56
052000138	City of Tyler Open Channel Improvements	4.98	0.51	1,042	755	7,482	72	31	31	23	4
052000139	City of Whitehouse Drainage Capacity Upgrades	0.43	0.04	33	16	98	0	2	2	1	2
052000140	Trinity County Flood Infrastructure Upgrades	73.89	5.11	32	15	15	0	1	1	22	68
052000141	Trinity County Flood-prone Infrastructure Upgrades	73.89	5.11	32	15	15	0	1	1	22	68

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Reduction in Flood Risk											
		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	Estimated reduction in injuries
052000132	San Augustine County Detention and Retention Pond Construction	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000133	City of San Augustine and City of Broaddus County Facilities Hazard Hardening Retrofit	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000134	Shelby County Detention and Retention Pond Construction	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000135	Shelby County Drainage Upgrades	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000136	Shelby County Facilities Hazard Hardening Retrofit	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000137	Shelby County Roadway/Bridge Elevation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000138	City of Tyler Open Channel Improvements	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000139	City of Whitehouse Drainage Capacity Upgrades	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000140	Trinity County Flood Infrastructure Upgrades	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000141	Trinity County Flood-prone Infrastructure Upgrades	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Cost/ Structure removed	Consideration of Nature-based Solution (Y/N)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)
052000132	San Augustine County Detention and Retention Pond Construction	N/A	0	No	No	No
052000133	City of San Augustine and City of Broaddus County Facilities Hazard Hardening Retrofit	N/A	0	No	No	No
052000134	Shelby County Detention and Retention Pond Construction	N/A	0	No	No	No
052000135	Shelby County Drainage Upgrades	N/A	0	No	No	No
052000136	Shelby County Facilities Hazard Hardening Retrofit	N/A	0	No	No	No
052000137	Shelby County Roadway/Bridge Elevation	N/A	0	No	No	No
052000138	City of Tyler Open Channel Improvements	N/A	0	No	No	No
052000139	City of Whitehouse Drainage Capacity Upgrades	N/A	0	No	No	No
052000140	Trinity County Flood Infrastructure Upgrades	N/A	0	No	No	No
052000141	Trinity County Flood-prone Infrastructure Upgrades	N/A	0	No	No	No

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Description	Sponsor	Estimated Project Cost (\$)	Potential Funding Sources and Amount
052000142	City of Groveton Flood Infrastructure Upgrades	Within the city, develop a plan to install/improve culverts and headwalls in addition to expanding stormwater ditches and canals	Groveton	\$750,000	\$0
052000143	Van Zandt County Drainage Capacity Upgrades	Establish a plan to increase Drainage Capacity; possible actions include installing French Drains, Building Elevation, and Upgrading Undersized Pipe under State Hwy for Water to Run into Creek.	Van Zandt	\$2,000,000	\$0
052000144	Van Zandt County Flood Infrastructure Maintenance	Adopt and Implement a Program for Clearing Debris from Bridges, Drains and Culverts. Reduce damages caused by flooding by maintaining or restoring drainage capacity.	Van Zandt	\$2,000,000	\$0
052000145	Van Zandt County Road Elevation	Develop a program to elevate roads and bridges including installing, upsizing culverts and headwalls, and bridge upgrades.	Van Zandt	\$2,000,000	\$0
052000146	Liberty County Topographical Mapping Update	Purchase updated topographical maps/complete LiDAR aerial survey for drainage plan.	Liberty	\$107,000	\$0
052000147	Liberty County Drainage District Multi-County Coordination	Work with adjoining counties regarding flood and drainage issues.	Liberty County Drainage District	\$50,000	\$0

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Flood Risk									
		Area in 100yr Floodplain	Area in 500yr Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)
052000142	City of Groveton Flood Infrastructure Upgrades	0.03	0.00	3	3	2	0	0	0	0	0
052000143	Van Zandt County Drainage Capacity Upgrades	29.91	2.09	217	144	233	0	0	0	13	232
052000144	Van Zandt County Flood Infrastructure Maintenance	29.91	2.09	217	144	233	0	0	0	13	232
052000145	Van Zandt County Road Elevation	29.91	2.09	217	144	233	0	0	0	13	232
052000146	Liberty County Topographical Mapping Update	73.97	11.69	116	57	143	1	0	0	7	1,526
052000147	Liberty County Drainage District Multi-County Coordination	73.97	11.69	116	57	143	1	0	0	7	1,526

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Reduction in Flood Risk											
		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	Estimated reduction in injuries
052000142	City of Groveton Flood Infrastructure Upgrades	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000143	Van Zandt County Drainage Capacity Upgrades	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000144	Van Zandt County Flood Infrastructure Maintenance	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000145	Van Zandt County Road Elevation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000146	Liberty County Topographical Mapping Update	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
052000147	Liberty County Drainage District Multi-County Coordination	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 14: Potentially Feasible Flood Management Strategies
Identified by RFPG

FMS ID	FMS Name	Cost/ Structure removed	Consideration of Nature-based Solution (Y/N)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)
052000142	City of Groveton Flood Infrastructure Upgrades	N/A	0	No	No	No
052000143	Van Zandt County Drainage Capacity Upgrades	N/A	0	No	No	No
052000144	Van Zandt County Flood Infrastructure Maintenance	N/A	0	No	No	No
052000145	Van Zandt County Road Elevation	N/A	0	No	No	No
052000146	Liberty County Topographical Mapping Update	N/A	0	No	No	No
052000147	Liberty County Drainage District Multi-County Coordination	N/A	0	No	No	No

**APPENDIX 4-C
BIBLIOGRAPHY**

CHAPTER 4. ASSESSMENT AND IDENTIFICATION OF FLOOD MITIGATION NEEDS

“CDC SVI 2018 Documentation.” Center for Disease Control, January 31, 2020,
https://svi.cdc.gov/Documents/Data/2018_SVI_Data/SVI2018Documentation.pdf.

“Technical Guidelines for Regional Flood Planning.” Texas Water Development Board, April 2021,
https://www.twdb.texas.gov/flood/planning/planningdocu/2023/doc/04_Exhibit_C_TechnicalGuidelines_April2021.pdf?d=2127.900000002235.

DRAFT