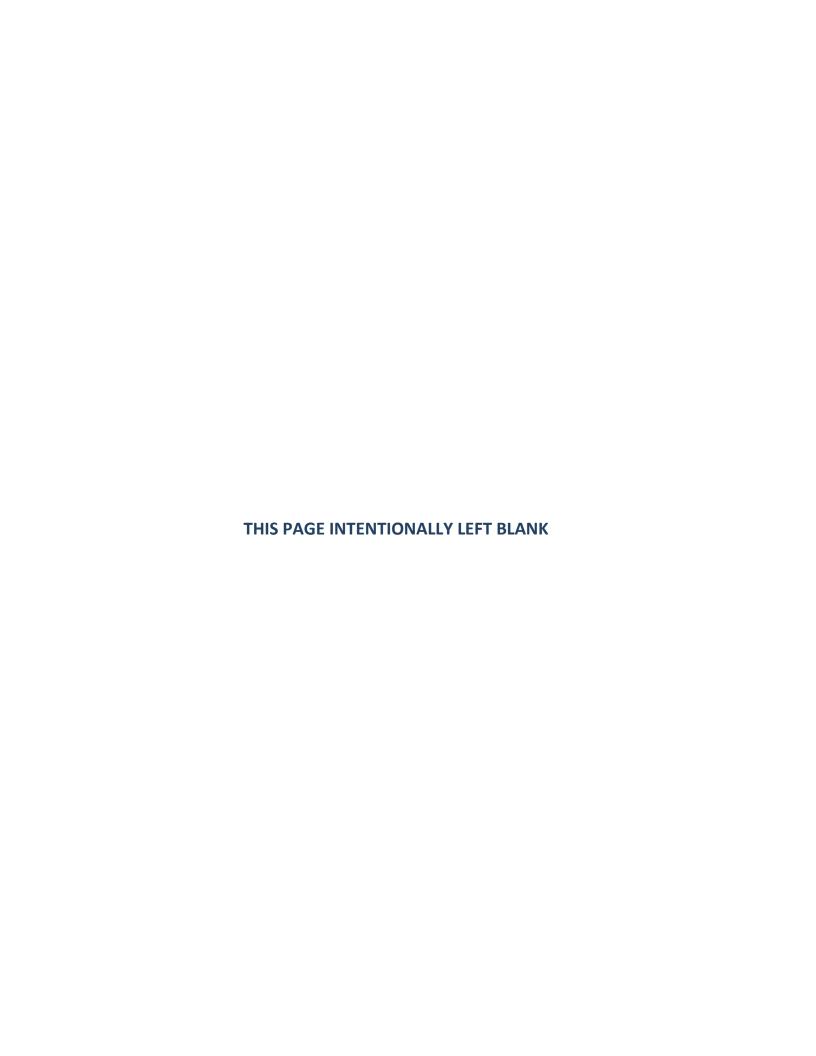
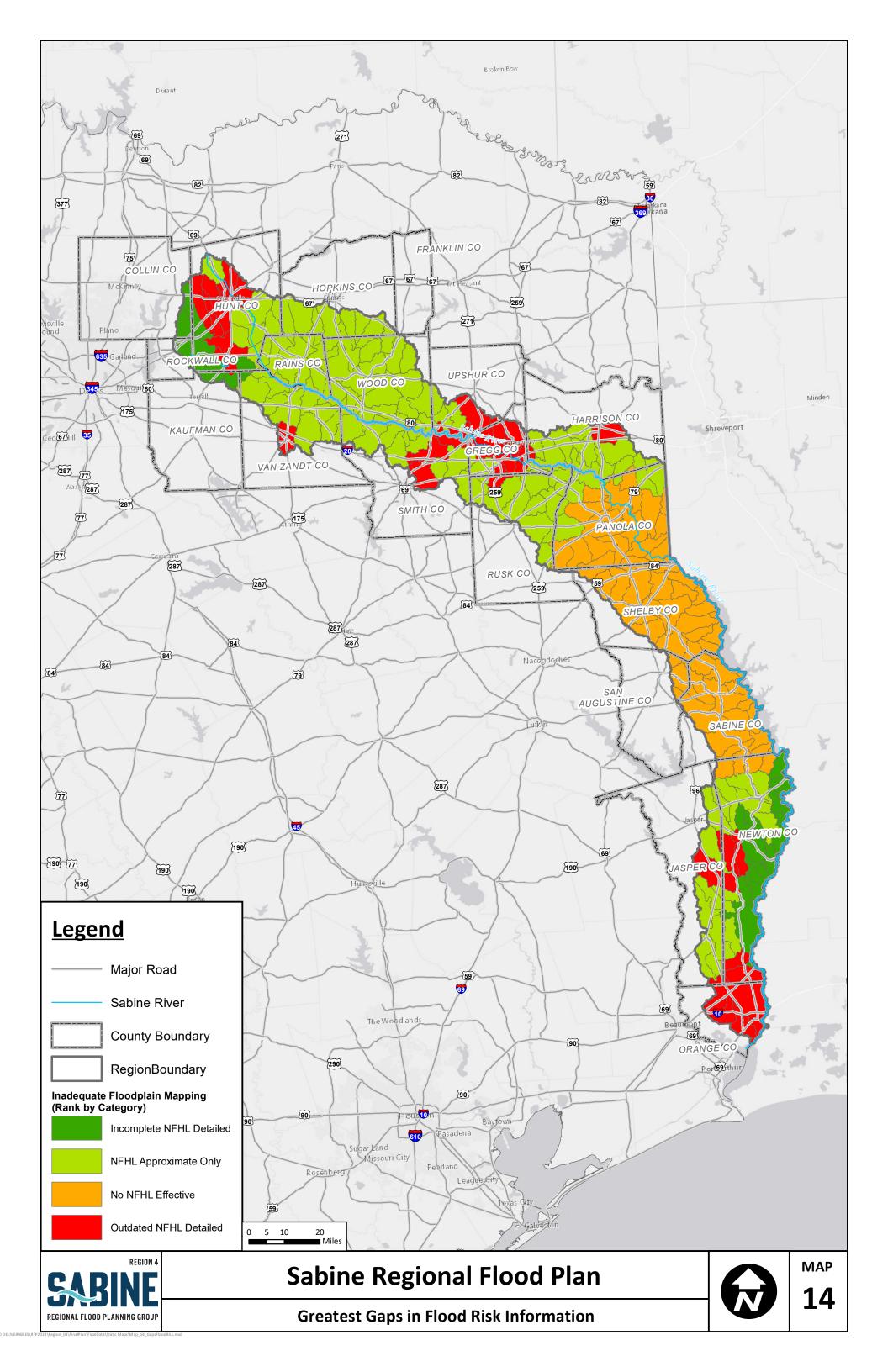
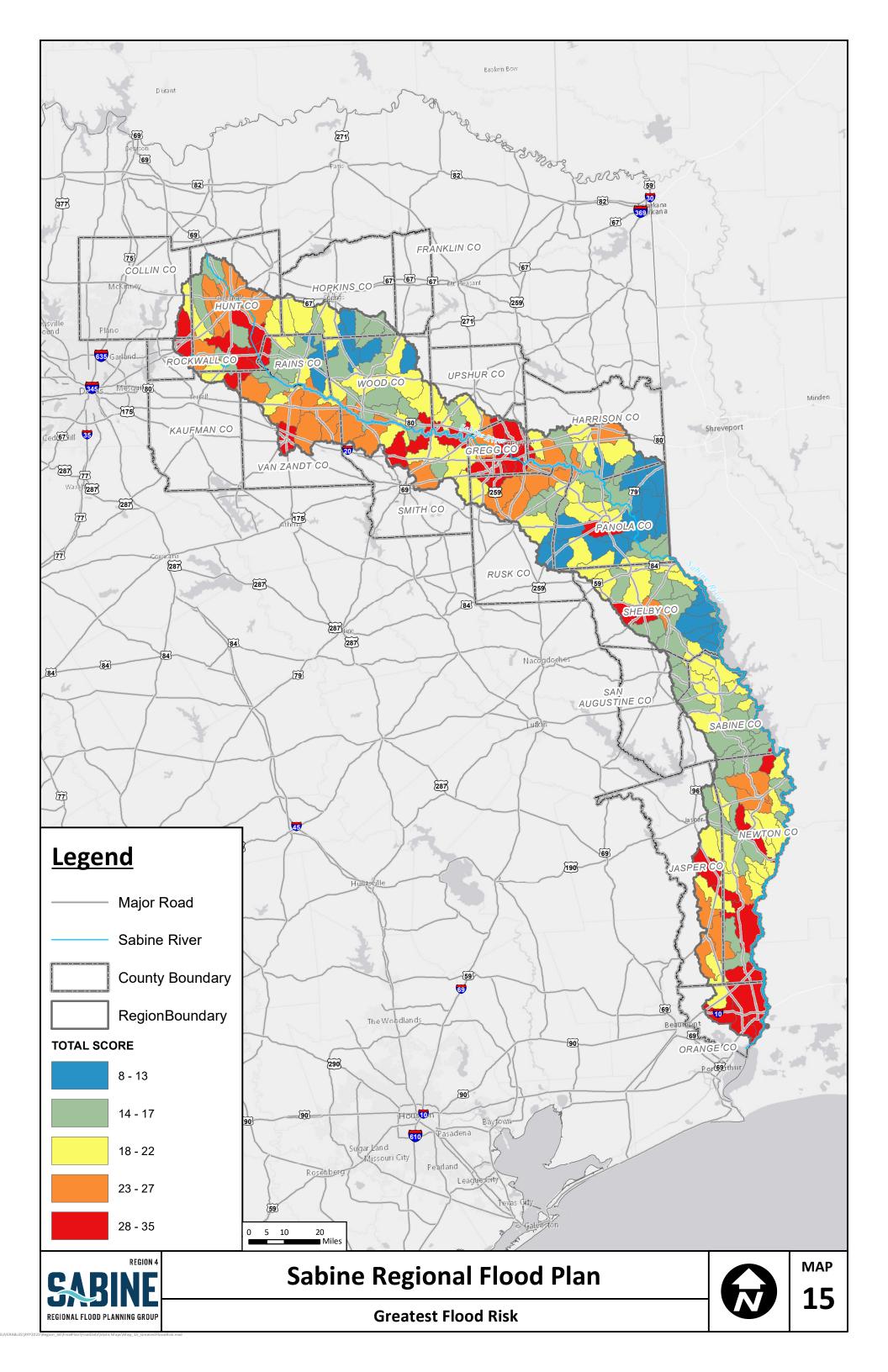
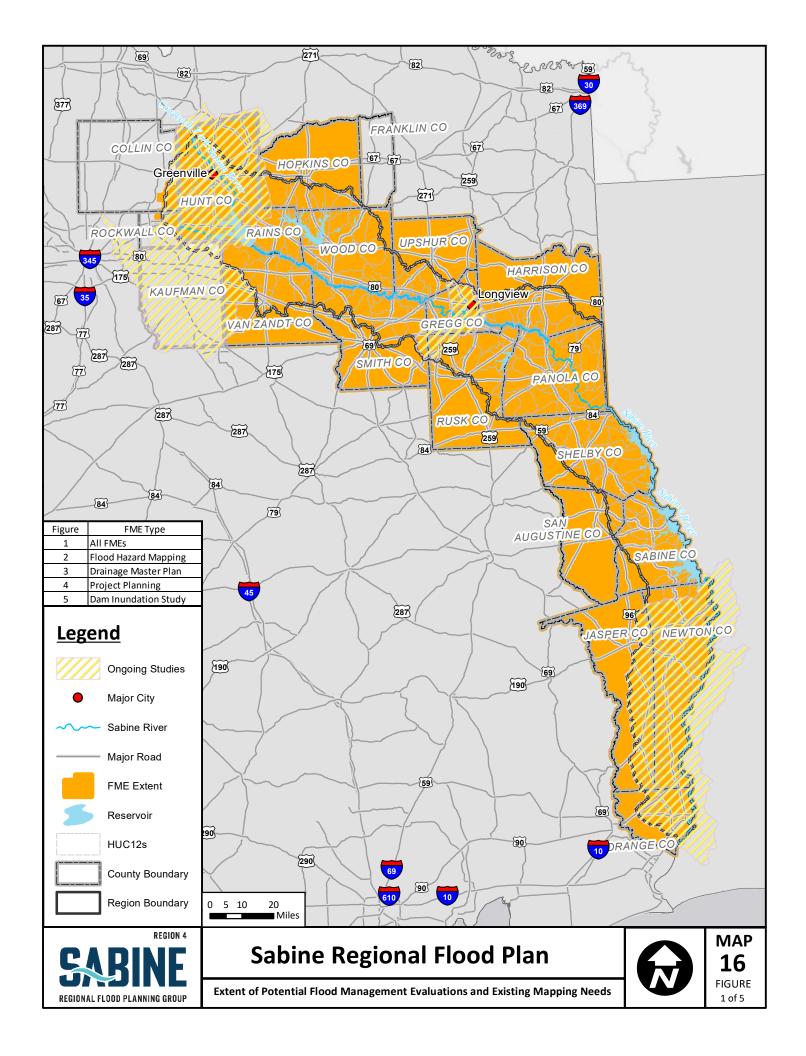
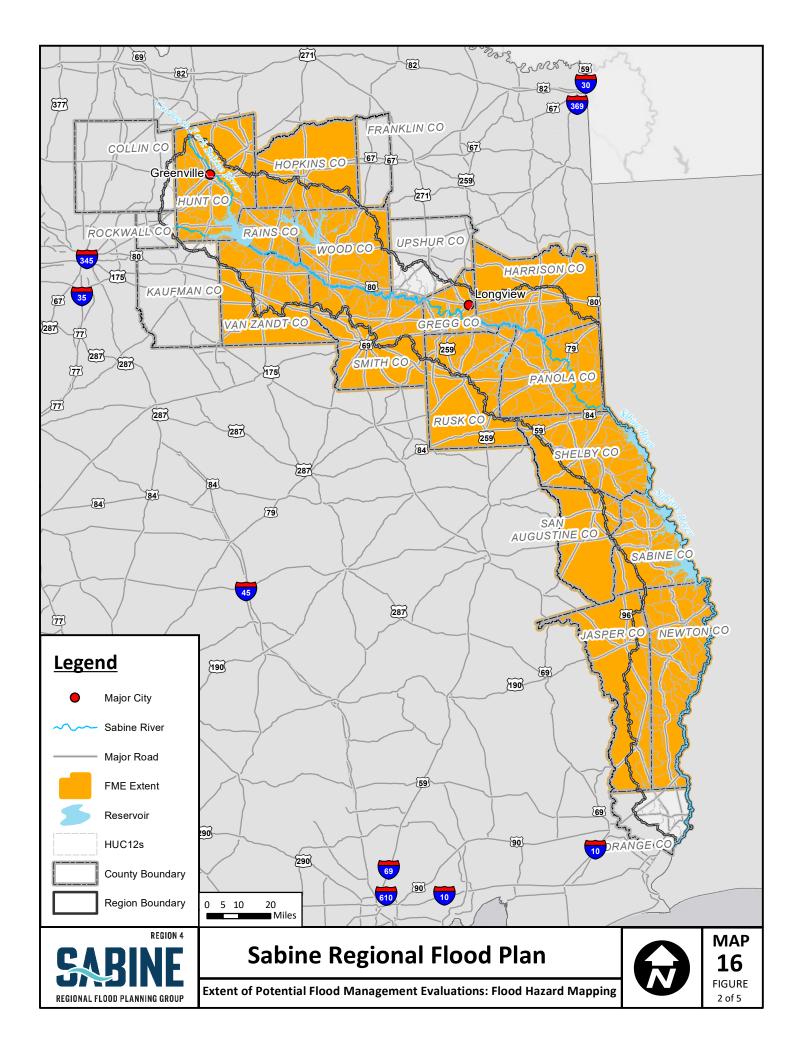
APPENDIX 4-A SUPPORTING MAPS FOR CHAPTER 4

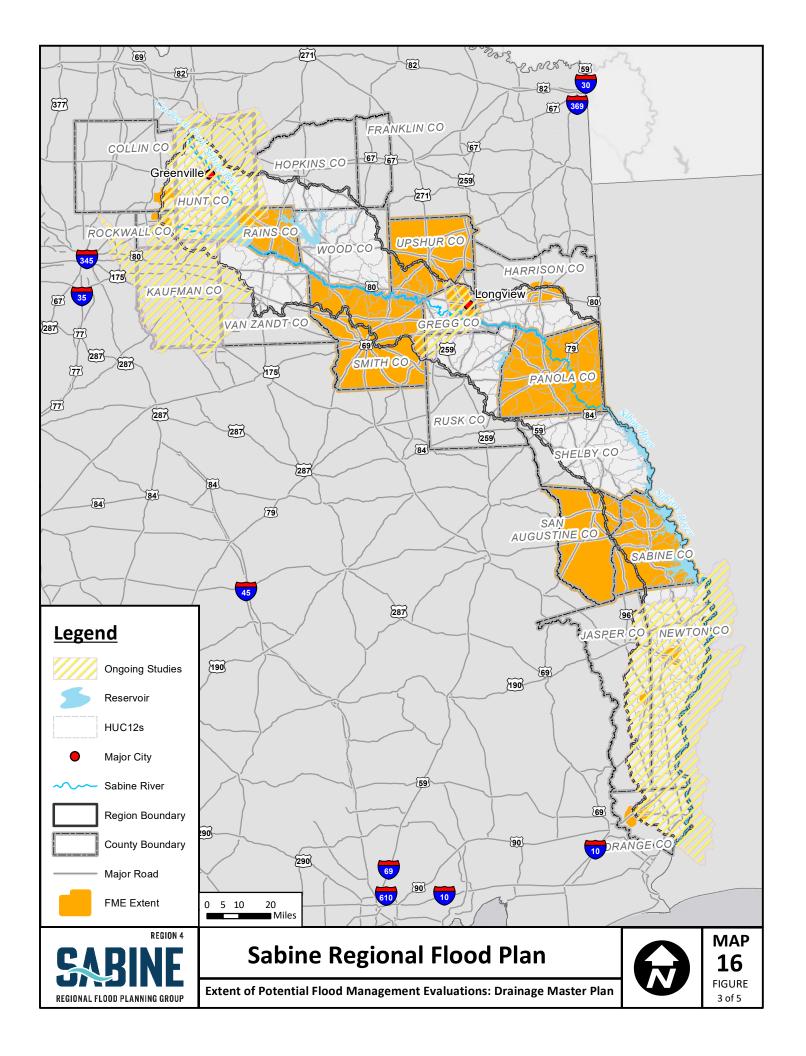


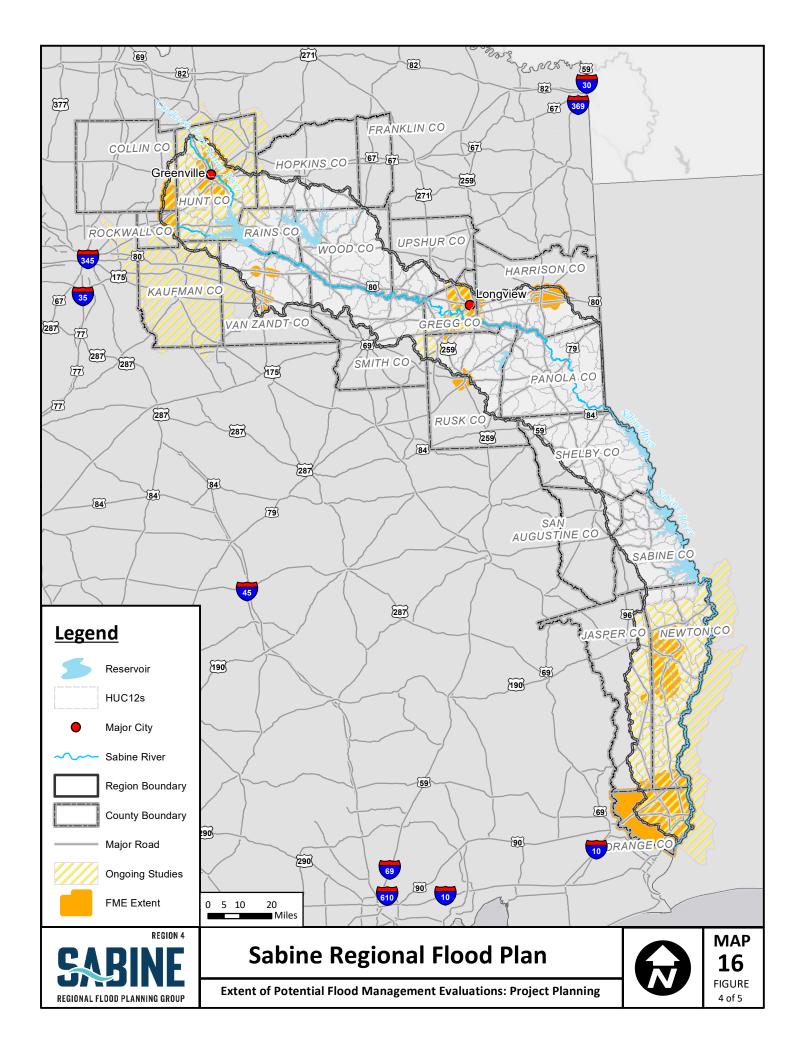


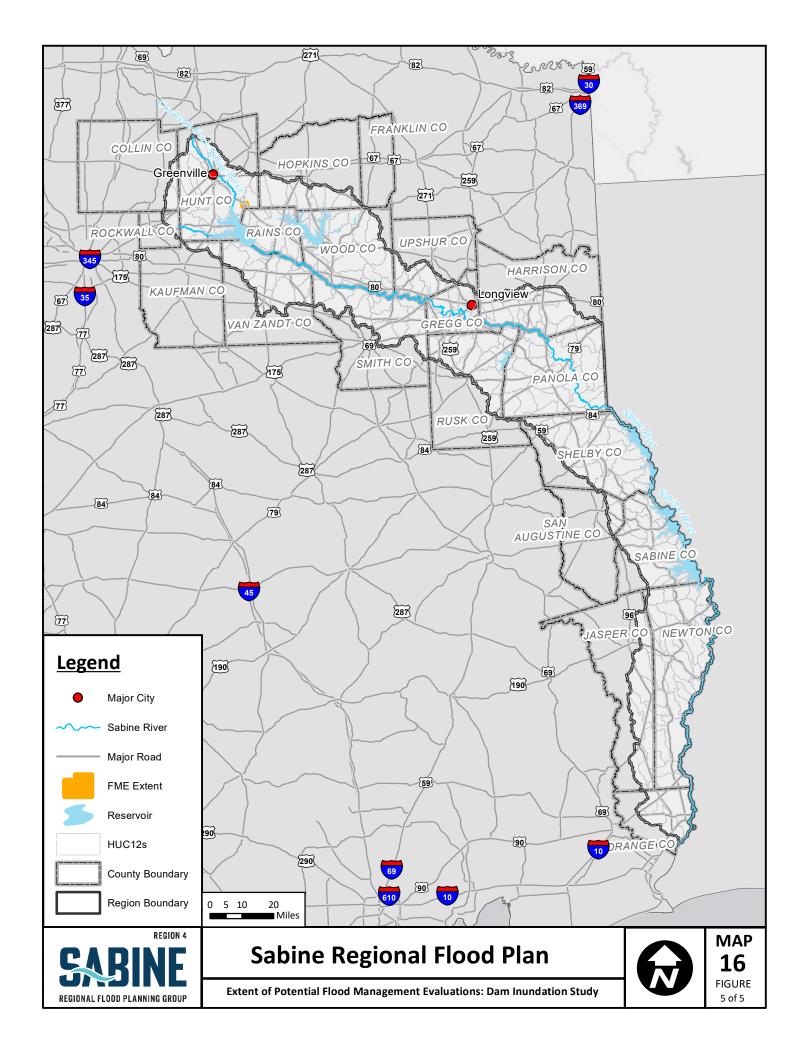


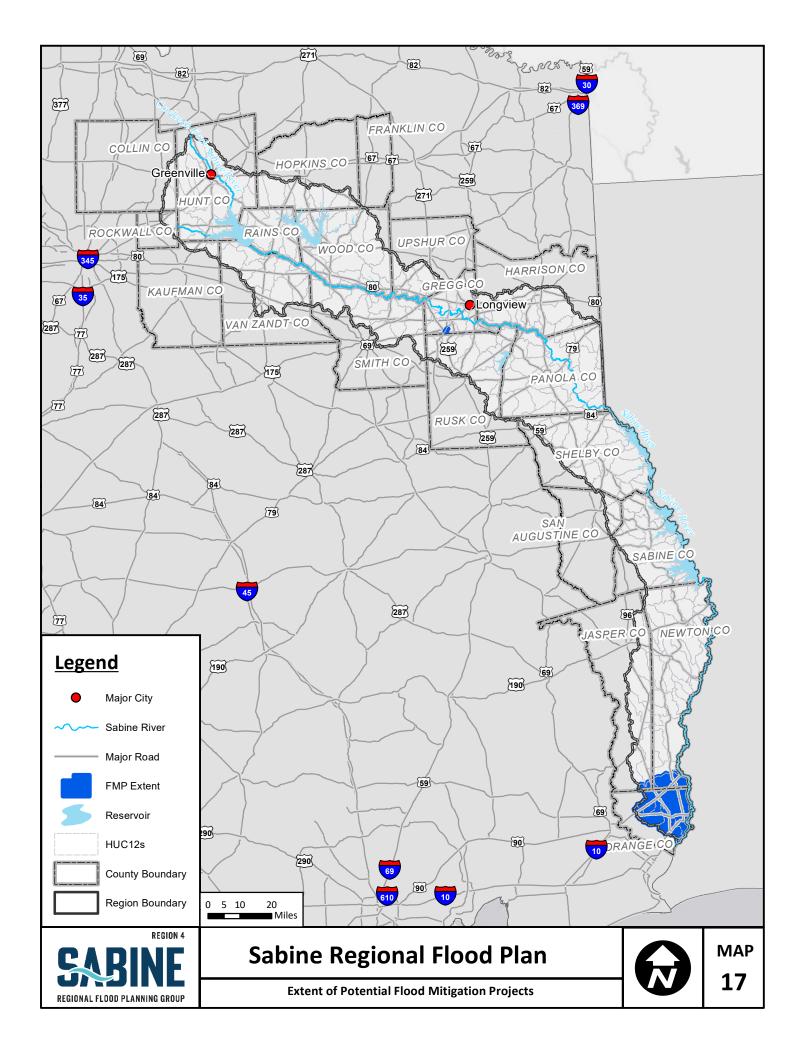


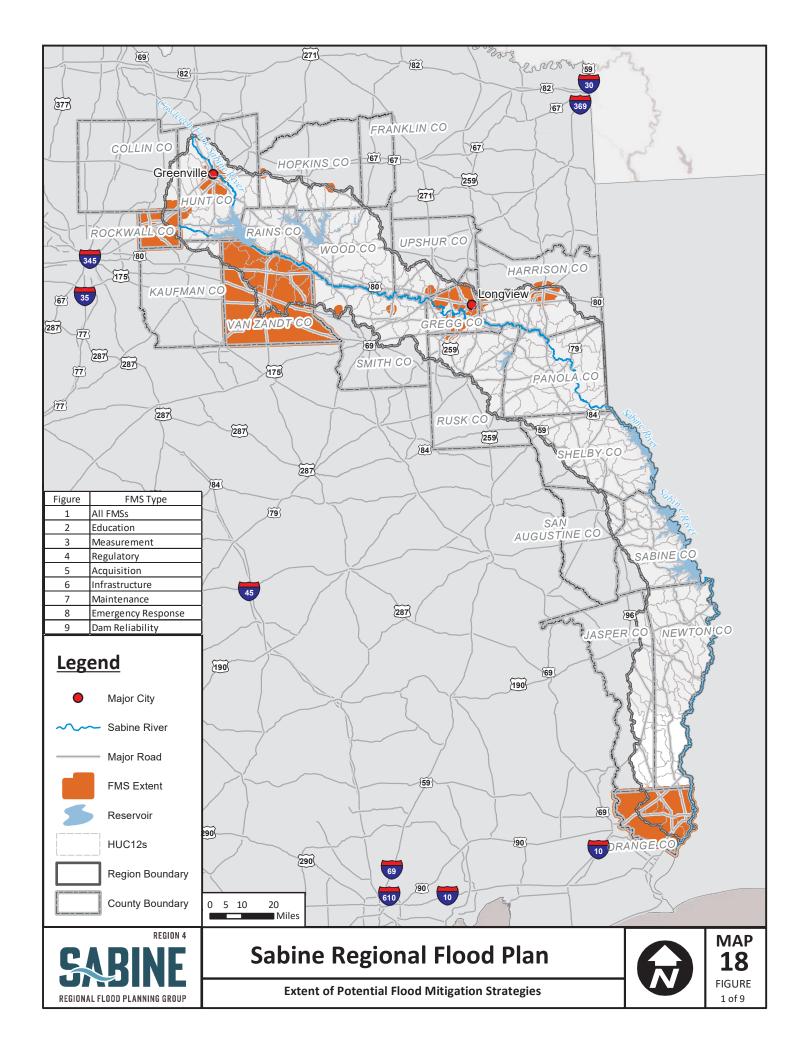


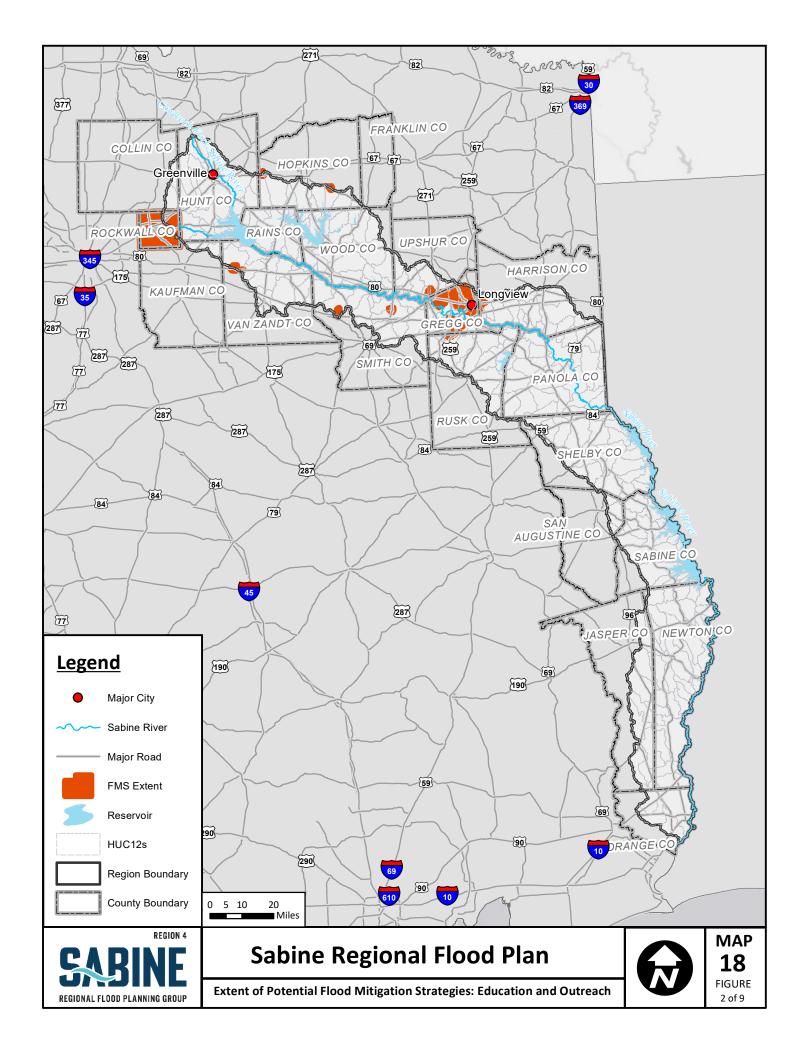


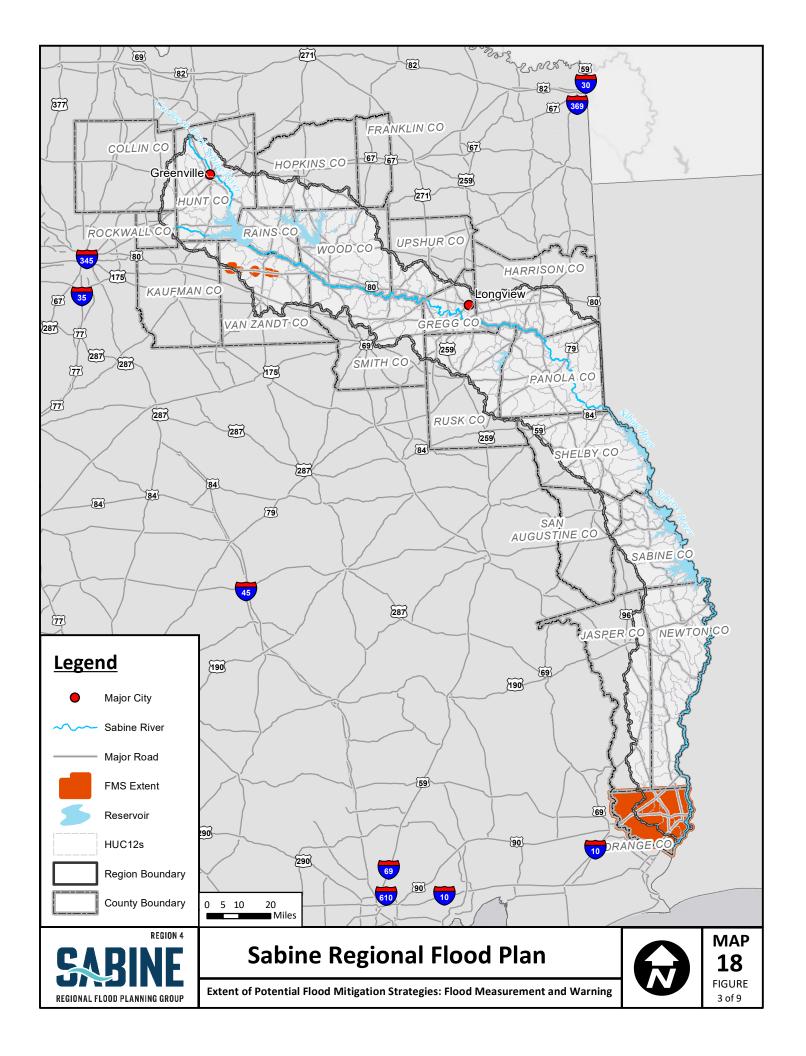


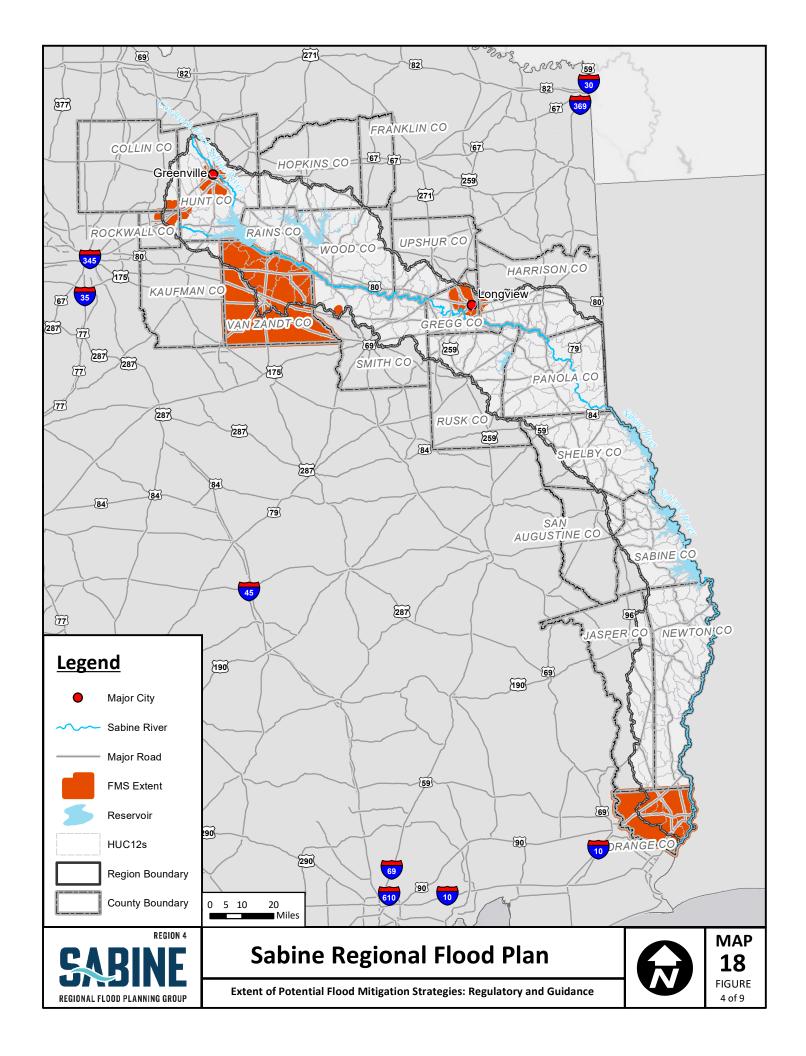


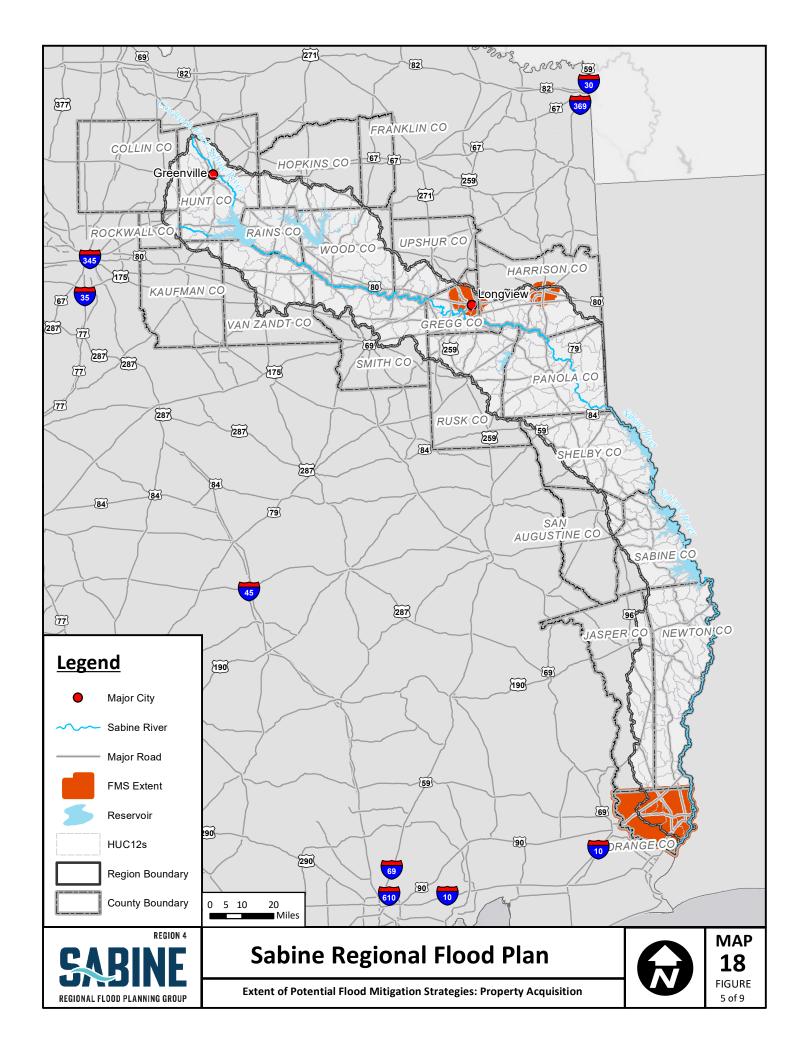


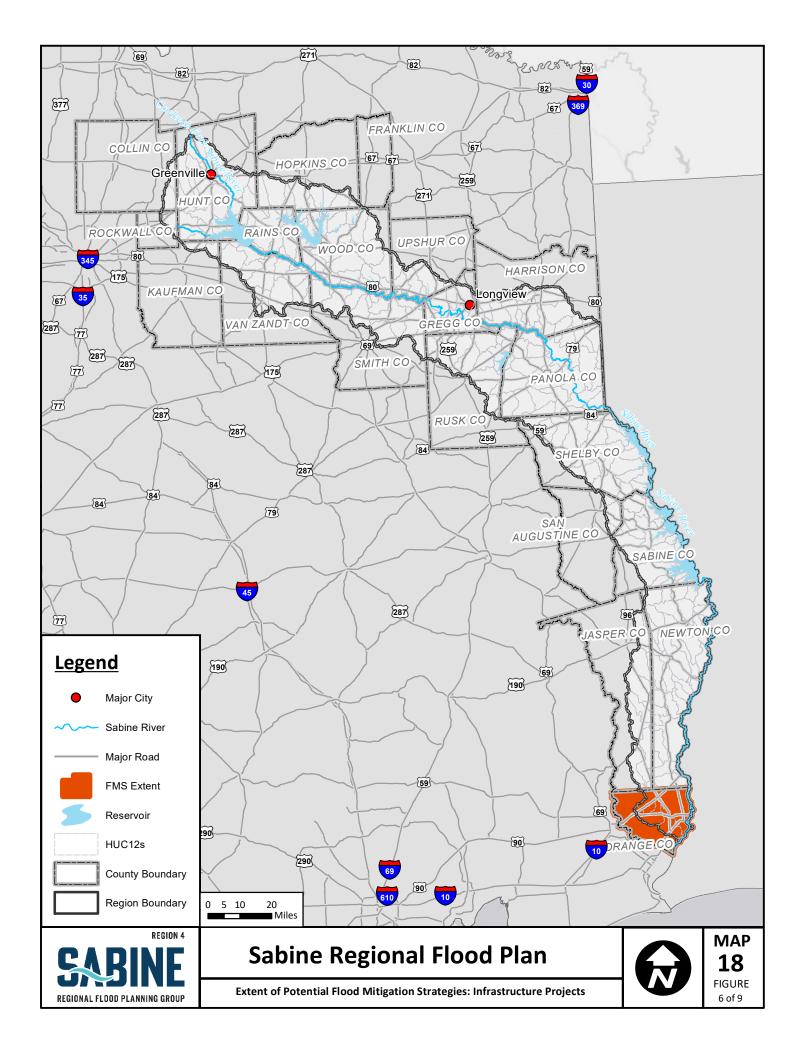


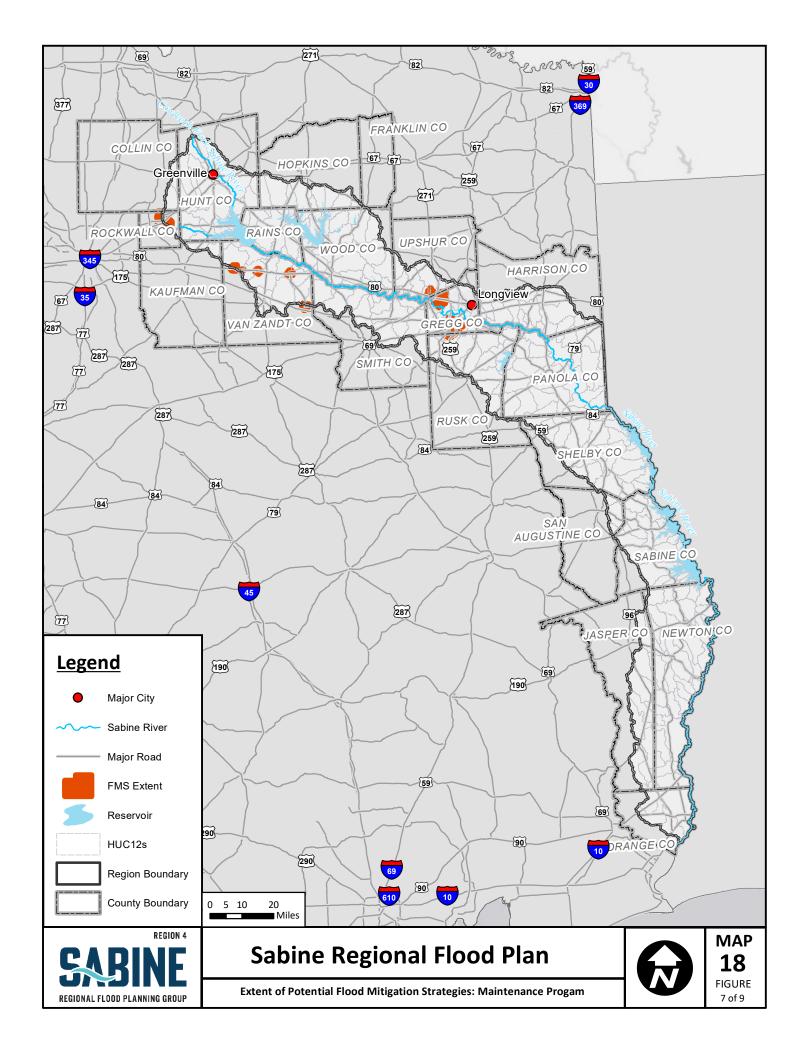


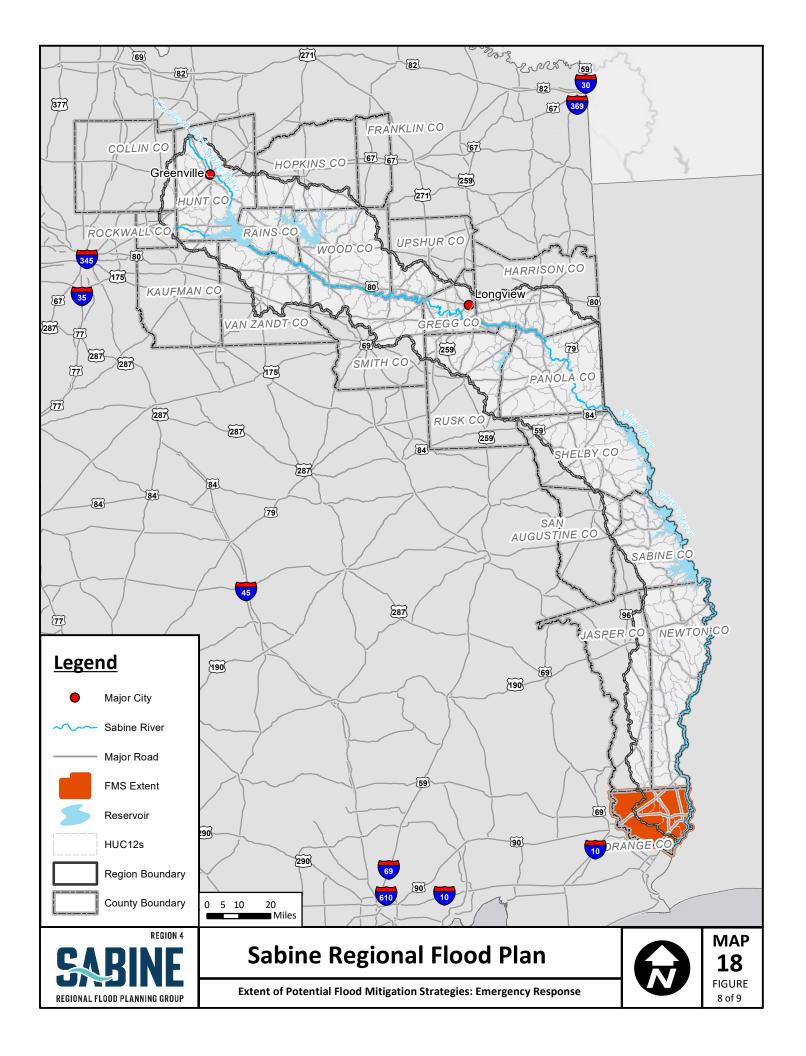


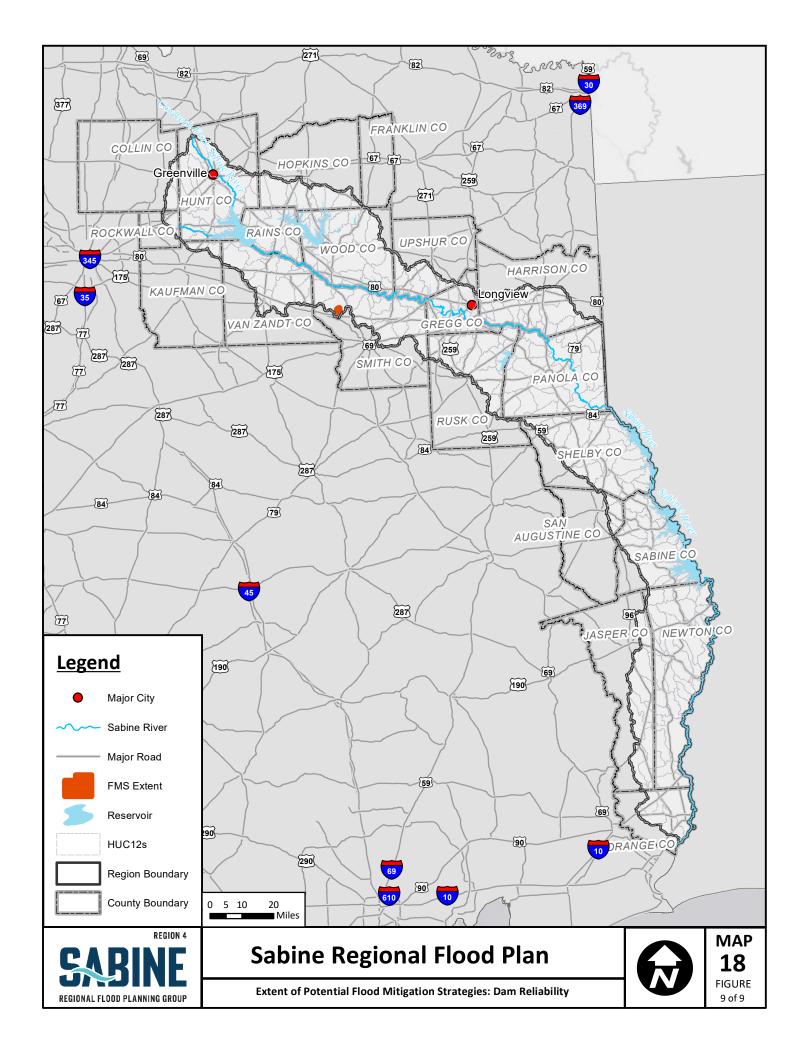












APPENDIX 4-B SUPPORTING TABLES FOR CHAPTER 4

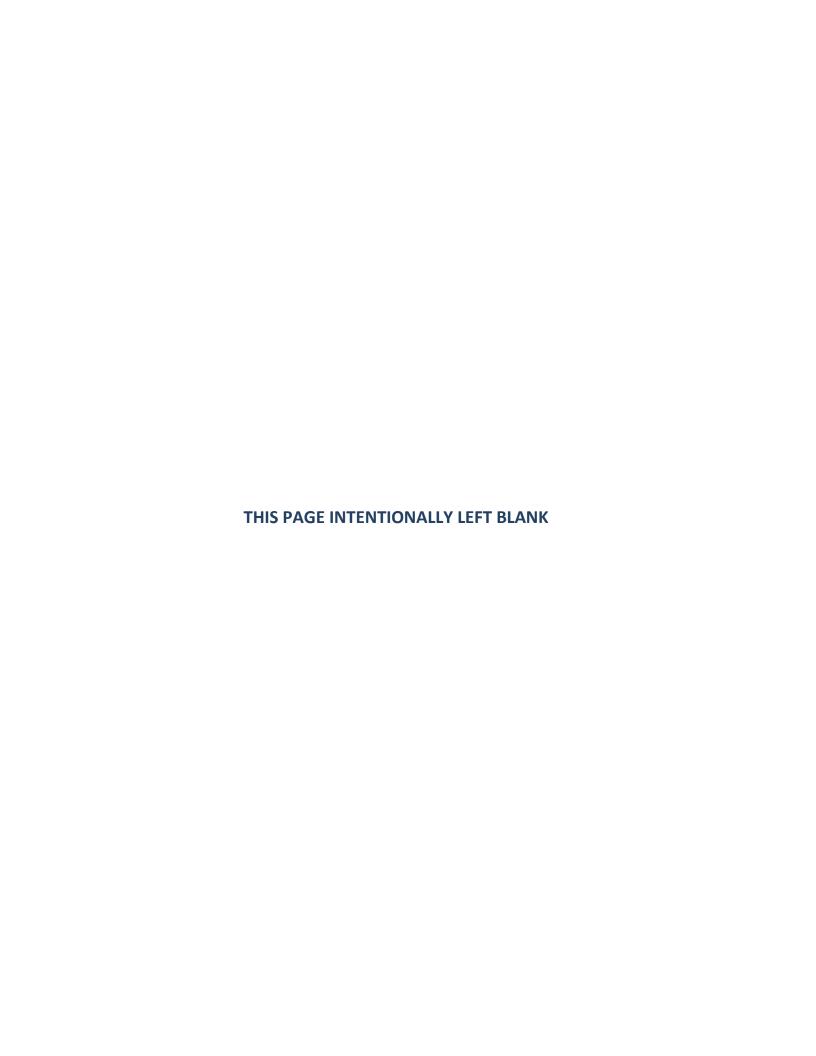


Table 12: Potential Flood Management Evaluations Identified by RFPG

| | | | | | | | | | Tabi | le 12: Potential Fl | ood Managem | ent Evaluations | s Identified by RFPG | | | | | | | | | | | | | | |
|-----------|----------|-----------|--|---|------------------------------------|-------------------------------------|-----------------------|--|--|-----------------------|--------------------|----------------------|----------------------|----------------------------|-------------------|-------------------------|------------------------|---|---------------|--|---------------|--|-----------|-----|--|--|---|
| FME ID | RFPG No. | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Entities with Oversight | Emergency Need | Estimated Study Cost | Funding Sources and | Estimated number of structures at flood risk | structures at | Estimated Population at flood risk | facilities at | Number of low water crossings at flood risk (#) | number of | | Estimated active farm & ranch land at flood risk (acres) | Existing or Anticipated Models (year) | Existing or Anticipated Maps (year) |
| 041000002 | 4 | Sabine | Newton County Flood Hazard Mapping | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes. | 04000012, 04000013, 04000014 | Newton, Sabine | 12010005 | 120100051005, 120100051004, 120100051100, 120100051003 | Lower Sabine | Watershed Planning | 936 | Riverine, Coastal | Newton | Newton | Yes | \$2,340,000 | Yes | 3,237 | 1990 | 3,373 | 324 | 10 | 10 | 152 | 8,621 | BLE, 2022 | |
| 041000003 | 4 | Sabine | Smith County Flood Hazard Mapping | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes. | 04000012, 04000013, 04000014 | Smith, Van Zandt, Rains, Wood | 12010001, 12010002 | 120100010603, 120100010608, 120100010607, 120100020105, 120100020101, 120100020106, 120100020107, 120100020501, 120100020301, 120100020501, 120100020303, 120100020403, 120100020404, 120100020405, 120100020502, 120100020102, 120100020104 | Upper Sabine, Middle Sabine | Watershed Planning | 946 | Riverine | Smith | Smith | Yes | \$4,275,000 | Yes | 1,303 | 767 | 2,893 | 7 | 0 | 0 | 61 | 10,559 | BLE, 2022 | |
| 041000004 | 4 | Sabine | Smith County Drainage Master Plan | Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000012, 04000013, 04000014 | Smith, Van Zandt, Rains, Wood | 12010001, 12010002 | 120100010603, 120100010608, 120100010607, 120100020105, 120100020101, 120100020106, 120100020107, 120100020501, 120100020301, 120100020302, 120100020303, 120100020403, 120100020404, 120100020405, 120100020502, 120100020102, 120100020104 | Upper Sabine, Middle Sabine | Watershed Planning | 946 | Riverine | Smith | Smith | Yes | \$1,900,000 | Yes | 1,303 | 767 | 2,893 | 7 | 0 | 0 | 61 | 10,559 | BLE, 2022 | |
| 041000005 | 4 | Sabine | Harrison County Flood Hazard Mapping | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes. | 04000012, 04000013, 04000014 | Panola, Harrison | 12010002 | 120100020906, 120100020904, 120100021102, 120100020703, 120100020601, 120100020602, 120100020603, 120100020607, 120100020608, 120100020701, 120100020702, 120100020704, 120100020706, 120100020903, 120100020705, 120100021101 | Middle Sabine | Watershed Planning | 912 | Riverine | Harrison | Harrison | Yes | \$1,850,000 | Yes | 1,086 | 782 | 6,481 | 3 | 2 | 2 | 82 | 9,144 | BLE, 2022 | |
| 041000006 | 4 | Sabine | Van Zandt County Flood Hazard Mapping | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes. | 04000012, 04000013, 04000014 | Van Zandt, Rains, Hunt | 12010001 | 120100010407, 120100010503, 120100010501, 120100010502, 120100010504, 120100010601, 120100010507, 120100010603, 120100010608, 120100010605, 120100010607, 120100010505, 120100010405, 120100010604 | Upper Sabine | Watershed Planning | 856 | Riverine | Van Zandt | Van Zandt | Yes | \$2,230,000 | Yes | 1,080 | 452 | 1,954 | 13 | 9 | 9 | 79 | 26,372 | BLE, 2022 | |
| 041000007 | 4 | Sabine | Upshur County Drainage Master Plan | Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000012, 04000013, 04000014 | Smith, Wood, Upshur | 12010002 | 120100020107, 120100020205, 120100020206, 120100020402, 120100020401, 120100020403, 120100020405, 120100020504, 120100020505 | Middle Sabine | Watershed Planning | 590 | Riverine | Upshur | Upshur | Yes | \$200,000 | Yes | 328 | 222 | 299 | 0 | 4 | 4 | 28 | 4,148 | BLE, 2022 | |
| 041000008 | 4 | Sabine | Sabine County Flood Hazard Mapping | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes. | 04000012, 04000013, 04000014 | Sabine | 12010004 | 120100040903, 120100040904, 120100040905, 120100041003, 120100040702, 120100040901, 120100040902, 120100041005, 120100041104, 120100041002, 120100041002, 120100041106, 120100041105, 120100041105, 120100041105, 120100041101, 120100041101, 120100041101, 120100041101, 120100041101, 120100041101 | Toledo Bend Reservoir | Watershed Planning | 574 | Riverine | Sabine | Sabine | Yes | \$1,100,000 | Yes | 1,611 | 1245 | 764 | 0 | 6 | 6 | 33 | 2,311 | BLE, 2022 | |
| 041000009 | 4 | Sabine | Sabine County Drainage Master Plan | Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000012, 04000013, 04000014 | Sabine | 12010004 | 120100040903, 120100040904, 120100040905, 120100041003, 12010004702, 120100040702, 120100040901, 120100040902, 120100041005, 120100041104, 120100041002, 120100041106, 120100041105, 120100041105, 120100041105, 120100041105, 120100041105, 120100041105, 120100041101, 120100041101, 120100041102 | Toledo Bend Reservoir | Watershed Planning | 574 | Riverine | Sabine | Sabine | Yes | \$460,000 | Yes | 1,611 | 1245 | 764 | 0 | 6 | 6 | 33 | 2,311 | BLE, 2022 | |
| 041000010 | 4 | Sabine | San Augustine County Flood Hazard Mapping | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes. | 04000012, 04000013, 04000014 | San Augustine, Shelby | 12010004 | 120100040701, 120100040702, 120100040901, 120100040902 | Toledo Bend Reservoir | Watershed Planning | 590 | Riverine | San Augustine | San Augustine | Yes | \$100,000 | Yes | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 346 | BLE, 2022 | |
| 041000011 | 4 | Sabine | San Augustine County Drainage Master Plan | Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000012, 04000013, 04000014 | San Augustine, Shelby | 12010004 | 120100040701, 120100040702, 120100040901, 120100040902 | Toledo Bend Reservoir | Watershed Planning | 590 | Riverine | San Augustine | San Augustine | Yes | \$50,000 | Yes | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 346 | BLE, 2022 | |
| 041000012 | 4 | Sabine | Shelby County Flood Hazard Mapping | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes. | 04000012, 04000013, 04000014 | Rusk, Panola, Shelby | 12010002, 12010004 | 120100040701, 120100040702, 120100040901, 120100040902 | Middle Sabine, Toledo Bend Reservoir | Watershed Planning | 831 | Riverine | Shelby | Shelby | Yes | \$375,500 | Yes | 800 | 0 | 317 | 0 | 3 | 3 | 49 | 9,764 | BLE, 2022 | |

| FME ID | RFPG No. | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Entities with Oversight | Emergency Need | Estimated Study Cost | Potential Funding Sources and Amount | number of structures at | Habitable structures at flood risk | | Critical facilities at flood risk (#) | Number of low water crossings at flood risk (#) | number of | Estimated length of roads at flood risk (Miles) | Estimated active farm & ranch land at flood risk (acres) | Existing or Anticipated Models (year) | Existing or Anticipated Maps (year) |
|-----------|----------|-----------|--|---|------------------------------------|-------------------------------------|------------------------------------|--|-----------------------------|-----------------------|--------------------|--------------------|----------------|----------------------------|-------------------|-------------------------|---|----------------------------|--|-------|---|--|-----------|---|--|--|---|
| 041000013 | 4 | Sabine | Rusk County Flood Hazard Mapping | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes. | 04000012, 04000013, 04000014 | Rusk, Smith, Gregg | 12010002 | 120100020501, 120100021004, 120100021005, 120100021006, 120100020502, 120100020502, 120100020503, 120100020604, 120100020605, 120100020605, 120100020606, 120100020608, 120100020601, 120100020803, 120100020801, 120100020803, 120100020801, 120100020804, 120100020803, 120100020804, 120100020804, 120100020804, 120100020804, 120100020808 | Middle Sabine | Watershed Planning | 935 | Riverine | Rusk | Rusk | Yes | \$1,850,000 | Yes | 899 | 543 | 1,789 | 2 | 5 | 5 | 55 | 13,283 | BLE, 2022 | |
| 041000014 | 4 | Sabine | Panola County Flood Hazard Mapping | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes. | 04000012, 04000013, 04000014 | Panola | 12010002 | 120100020501, 120100021004, 120100021005, 120100021006, 120100020506, 120100020502, 120100020503, 120100020601, 120100020603, 120100020604, 120100020605, 120100020606, 120100020608, 120100020801, 120100020803, 120100020901, 120100020804, 120100020802 | Middle Sabine | Watershed Planning | 818 | Riverine | Panola | Panola | Yes | \$3,700,000 | Yes | 750 | 317 | 1,870 | 2 | 10 | 10 | 119 | 24,459 | BLE, 2022 | |
| 041000015 | 4 | Sabine | Panola County Drainage Master Plan | Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000012, 04000013, 04000014 | Panola | 12010002 | 120100020501, 120100021004, 120100021005, 120100021006, 120100020502, 120100020502, 120100020503, 120100020604, 120100020605, 120100020606, 120100020608, 120100020601, 120100020803, 120100020801, 120100020803, 120100020801, 120100020804, 120100020803, 120100020803, 120100020803, 120100020803, 120100020803, 120100020804, 120100020804, 120100020802 | Middle Sabine | Watershed Planning | 818 | Riverine | Panola | Panola | Yes | \$1,700,000 | Yes | 750 | 317 | 1,870 | 2 | 10 | 10 | 119 | 24,459 | BLE, 2022 | |
| 041000016 | 4 | Sabine | Rains County Flood Hazard Mapping | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes. | 04000012, 04000013, 04000014 | Rains, Hunt | 12010001, 12010003 | 120100010406, 120100010407, 120100010601, 120100010506, 120100010507, 120100010603, 120100010505, 120100010602, 120100030101, 120100030102, 120100030103, 120100030107, 120100030104, 120100030105, 120100030106, 120100030204 | Upper Sabine, Lake Fork | Watershed Planning | 257 | Riverine | Rains | Rains | Yes | \$2,100,000 | Yes | 277 | 211 | 352 | 0 | 4 | 4 | 35 | 13,842 | BLE, 2022 | |
| 041000017 | 4 | Sabine | Rains County Drainage Master Plan | Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000012, 04000013, 04000014 | Rains, Hunt | 12010001, 12010003 | 120100010406, 120100010407, 120100010601, 120100010506, 120100010507, 120100010603, 120100010505, 120100010602, 120100030101, 120100030107, 120100030103, 120100030107, 120100030104, 120100030105, 120100030106, 120100030204 | Upper Sabine, Lake Fork | Watershed Planning | 257 | Riverine | Rains | Rains | Yes | \$600,000 | Yes | 277 | 211 | 352 | 0 | 4 | 4 | 35 | 13,842 | BLE, 2022 | |
| 041000018 | 4 | Sabine | | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes. | 04000012, 04000013, 04000014 | Smith, Van Zandt, Rains, Wood | 12010001, 12010002, 12010003 | 120100010406, 120100010407, 120100010601, 120100010506, 120100010507, 120100010603, 120100010505, 120100010602, 120100030101, 120100030102, 120100030103, 120100030107, 120100030104, 120100030105, 120100030106, 120100030204 | Upper Sabine, Lake Fork | Watershed Planning | 693 | Riverine | Wood | Wood | Yes | \$3,200,000 | Yes | 1,546 | 813 | 2,449 | 7 | 1 | 1 | 105 | 18,534 | BLE, 2022 | |
| 041000019 | 4 | Sabine | Hazard Mapping | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes. | 04000012, 04000013, 04000014 | Wood, Hopkins, Franklin | | 120100020201, 120100030101, 120100030102, 120100030103, 120100030107, 120100030104, 120100030105, 120100030106, 120100030205, 120100030201, 120100030202, 120100030203 | Middle Sabine, Lake Fork | Watershed Planning | 791 | Riverine | Hopkins | Hopkins | Yes | \$1,550,000 | Yes | 156 | 87 | 104 | 0 | 5 | 5 | 48 | 13,195 | BLE, 2022 | |
| 041000020 | 4 | Sabine | Vidor Drainage Master Plan | Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed. | 04000012, 04000013, 04000014 | Orange | 12010005 | 120100051004, 120100051003 | Lower Sabine | Watershed Planning | 12 | Riverine | Vidor | Vidor | Yes | \$1,200,000 | Yes | 1,154 | 1031 | 2,657 | 0 | 0 | 0 | 26 | 58 | BLE, 2022 | |
| 041000021 | 4 | Sabine | City of Fate Drainage Master Plan | Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed. | 04000012, 04000013, 04000014 | Rockwall, Collin, Hunt | 12010001 | 120100010301 | Upper Sabine | Watershed Planning | 12 | Riverine | Fate | Fate | No | \$450,000 | Yes | 21 | 21 | 128 | 0 | 1 | 1 | 3 | 164 | BLE, 2022 | |
| 041000022 | 4 | Sabine | Nevada Drainage Master Plan | Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed. | 04000012, 04000013, 04000014 | Rockwall, Collin, Hunt | 12010001 | 120100010301 | Upper Sabine | Watershed Planning | 2 | Riverine | Nevada | Nevada | No | \$100,000 | Yes | 1 | 1 | 3 | 0 | 0 | 0 | 0 | 11 | BLE, 2022 | |
| 041000023 | 4 | Sabine | City of Newton Drainage Master Plan | Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000012, 04000013, 04000014 | Newton | 12010005 | 120100051005, 120100051004, 120100051100, 120100051003 | Lower Sabine | Watershed Planning | 5 | Riverine | City of Newton | City of Newton | No | \$100,000 | Yes | 96 | 48 | 181 | 17 | 2 | 2 | 3 | 33 | BLE, 2022 | |

| FME ID | RFPG No. | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Entities with Oversight | Emergency Need | Estimated Study Cost | Funding Sources and | Estimated number of structures at flood risk | Habitable E structures at P flood risk at | | Critical facilities at lood risk (#) | Number of low water crossings at flood risk (#) | | 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) |
|-----------|----------|-----------|---|---|------------------------------------|-------------------|----------|--|----------------|-----------------------|--------------------|--------------------|-------------|----------------------------|-------------------|-------------------------|------------------------|---|---|--------|--|--|---|---|--|--|---|
| 041000024 | 4 | Sabine | Newton Drainage Master Plan | Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed. | 04000012, 04000013, 04000014 | Newton | 12010005 | 120100051005, 120100051004, 120100051100, 120100051003 | Lower Sabine | Watershed Planning | 5 | Riverine | Newton | Newton | No | \$400,000 | Yes | 96 | 48 | 181 | 17 | 2 | 2 | 3 | 33 | BLE, 2022 | |
| 041000025 | 4 | Sabine | Longview Drainage Master Plan | Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed. | 04000012, 04000013, 04000014 | Rusk, Gregg | 12010002 | 120100020506, 120100020601, 120100020504, 120100020505, 120100020602 | Middle Sabine | Watershed Planning | 56 | Riverine | Longview | Longview | Yes | \$1,100,000 | Yes | 1,379 | 1024 | 12,707 | 9 | 0 | 0 | 41 | 295 | BLE, 2022 | |
| 041000026 | 4 | Sabine | Josephine Drainage Master Plan | Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed. | 04000012, 04000013, 04000014 | Collin, Hunt | 12010001 | 120100010202, 120100010301 | Upper Sabine | Watershed Planning | 2 | Riverine | Josephine | Josephine | No | \$100,000 | Yes | 94 | 79 | 147 | 0 | 1 | 1 | 1 | 110 | BLE, 2022 | |
| 041000027 | 4 | Sabine | Kirbyville Drainage Master Plan | Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed. | 04000012, 04000013, 04000014 | Jasper, Newton | 12010005 | 120100050901, 120100050607, 120100050608 | Lower Sabine | Watershed Planning | 2 | Riverine | Kirbyville | Kirbyville | Yes | \$600,000 | Yes | 135 | 44 | 517 | 3 | 3 | 3 | 3 | 12 | BLE, 2022 | |
| 041000028 | 4 | Sabine | Marshall Drainage Master Plan | Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed. | 04000012, 04000013, 04000014 | Harrison | 12010002 | 120100020703, 120100020701, 120100020702, 120100020704 | Middle Sabine | Watershed Planning | 30 | Riverine | Marshall | Marshall | No | \$500,000 | Yes | 561 | 374 | 4,969 | 0 | 0 | 0 | 18 | 222 | BLE, 2022 | |
| 041000029 | 4 | Sabine | Scottsville Drainage Master Plan | Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed. | 04000012, 04000013, 04000014 | Harrison | 12010002 | 120100020703 | Middle Sabine | Watershed Planning | 1 | Riverine | Scottsville | Scottsville | No | \$300,000 | Yes | 22 | 20 | 48 | 0 | 0 | 0 | 0 | 72 | BLE, 2022 | |
| 041000030 | 4 | Sabine | City of Edgewood Stormwater Drain and Culvert Improvement Study | Install and upgrade undersized stormwater drains and culverts | 04000007 | Van Zandt | 12010001 | 120100010502, 120100010504 | Upper Sabine | Project Planning | 1 | Riverine | Edgewood | Edgewood | No | \$100,000 | Yes | 27 | 11 | 32 | 0 | 0 | 0 | 1 | 29 | BLE, 2022 | |
| 041000031 | 4 | Sabine | City of Edgewood Stormwater Detention Study | Increase drainage capacity; add stormwater detention and / or retention basins as deemed necessary to reduce flood risk upstream of Edgewood City Dam | 0400007 | Van Zandt | 12010001 | 120100010502, 120100010504 | Upper Sabine | Project Planning | 1 | Riverine | Edgewood | Edgewood | No | \$100,000 | Yes | 27 | 11 | 32 | 0 | 0 | 0 | 1 | 29 | BLE, 2022 | |
| 041000032 | 4 | Sabine | City of Greenville Critical Facilities Flood Protection Study | Elevation or flood proofing of critical structures and/or the construction of barriers around critical structures | 04000004, | Hunt | 12010001 | 120100010103, 120100010102, 120100010204, 120100010401 | Upper Sabine | Project Planning | 33 | Riverine | Greenville | Greenville | No | \$300,000 | Yes | 429 | 254 | 6,227 | 28 | 0 | 0 | 26 | 1,339 | BLE, 2022 | |
| 041000033 | 4 | Sabine | City of Fruitvale Drainage Infrastructure Improvement Study | Evaluate access and road conditions for response vehicles. Develop and implement options to improve access and/or add redundant access routes in high risk areas. | 04000001, 04000014 | Van Zandt | 12010001 | 120100010504, 120100010601 | Upper Sabine | Project Planning | 2 | Riverine | Fruitvale | Fruitvale | No | \$200,000 | Yes | 4 | 1 | 12 | 0 | 0 | 0 | 2 | 127 | BLE, 2022 | |
| 041000034 | 4 | Sabine | City of Canton Drainage Infrastructure Improvements Study | Increase drainage capacity; install french drains or elevate building and upgrade undersized pipe under state Hwy | 04000012 | Van Zandt | 12010001 | 120100010503, 120100010604 | Upper Sabine | Project Planning | 6 | Riverine | Canton | Canton | No | \$300,000 | Yes | 231 | 45 | 1,054 | 12 | 2 | 2 | 4 | 147 | BLE, 2022 | |
| 041000035 | 4 | Sabine | City of Kilgore Drainage Infrastructure Improvements Study | Improvements to drainage infrastructure in the downtown area by installing new inlets and storm drains | 04000014 | Rusk | 12010002 | 120100020506, 120100020405, 120100020502, 120100020503 | Middle Sabine | Project Planning | 19 | Riverine | Kilgore | Kilgore | No | \$300,000 | Yes | 296 | 224 | 1,284 | 3 | 3 | 3 | 15 | 96 | BLE, 2022 | |
| 041000036 | 4 | Sabine | City of Kilgore Library Drainage Improvement Study | Construct network of underground drainage structures to capture and direct subsurface water away from the library structure | 04000014 | Rusk | 12010002 | 120100020506, 120100020405, 120100020502, 120100020503 | Middle Sabine | Project Planning | 19 | Riverine | Kilgore | Kilgore | Yes | \$400,000 | Yes | 296 | 224 | 1,284 | 3 | 3 | 3 | 15 | 96 | BLE, 2022 | |
| 041000037 | 4 | Sabine | City of Henderson Flood Instructure Improvements Study | Replace riprap lining with a concrete lining to increase maintenance efficiency and flood protection. | 04000007 | Rusk | 12010002 | 120100020605, 120100020801 | Middle Sabine | Project Planning | 12 | Riverine | Henderson | Henderson | Yes | \$200,000 | Yes | 27 | 24 | 629 | 0 | 0 | 0 | 0 | 15 | BLE, 2022 | |
| 041000038 | 4 | Sabine | City of Henderson Storm Drain Improvement Study | Install new storm drain system to address localized neighborhood drainage issues | 04000007 | Rusk | 12010002 | 120100020605, 120100020801 | Middle Sabine | Project Planning | 12 | Riverine | Henderson | Henderson | Yes | \$100,000 | Yes | 27 | 24 | 629 | 0 | 0 | 0 | 0 | 15 | BLE, 2022 | |

| FME ID | RFPG No. | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Entities with Oversight | Emergency Need | Estimated Study Cost | Funding Sources and | Estimated number of structures at flood risk | Habitable Esti structures at Pop flood risk at fle | | ical lovies at cro | | stimated iumber of | | Estimated active farm & ranch land at flood risk (acres) | Existing or Anticipated Models (year) Existing or Anticipated Maps (year) |
|-----------|----------|-----------|---|--|---|----------|-----------------------|--|----------------------------|------------------|--------------------|----------------------|------------------------------------|------------------------------------|-------------------|-------------------------|------------------------|---|--|---------|--------------------|----|-----------------------|-----|--|--|
| 041000039 | 4 | Sabine | City of Longview Critical Facilities Flood Protection Study | Ensure that critical facilities owned by the jurisdiction are protected from flood. | 04000003 | Gregg | 12010002 | 120100020506, 120100020601, 120100020504, 120100020505, 120100020602 | Middle Sabine | Project Planning | 56 | Riverine | Longview | Longview | Yes | \$85,000 | Yes | 1,379 | 1024 12 | ,707 | | 0 | 0 | 41 | 295 | BLE, 2022 |
| 041000040 | 4 | Sabine | Lone Oak - Dam Inundation Study | Dam inundation study, safety study, and inventory of mitigation activities to implement for the county dams. | 04000014 | Hunt | 12010001, 12010003 | 120100010406, 120100010401, 120100030102 | Upper Sabine, Lake Fork | Other | 1 | Riverine | Lone Oak | Lone Oak | Yes | \$500,000 | Yes | 3 | 2 | 2 (| | 0 | 0 | 0 | 30 | BLE, 2022 |
| 04100004: | 4 | Sabine | Kirbyville Drainage Improvement Study | Coordinate and improve storm water drainage throughout the county; encourage new development to balance impervious surfaces with adjacent green space | 04000007, 04000014 | Jasper | 12010005 | 120100050901, 120100050607, 120100050608 | Lower Sabine | Project Planning | 2 | Riverine | Kirbyville | Kirbyville | Yes | \$100,000 | Yes | 135 | 44 ! | :17 : | | 3 | 3 | 3 | 12 | BLE, 2022 |
| 041000042 | 2 4 | Sabine | Conceptual Design of | H&H Study and Modeling for Feasibility Assessment of Dredging of Segments of Adams Bayou | 04000007, 04000012, 04000013, 04000014 | Orange | 12010005 | 120100051100 | Lower Sabine | Project Planning | 146 | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes | \$2,000,000 | Yes | 10,571 | 8463 29 | ,689 30 | 6 | 15 | 15 | 240 | 9,260 | BLE, 2022 |
| 041000043 | 3 4 | Sabine | Feasibility Assessment and Conceptual Design of Dredging of Segments of Cow Bayou | H&H Study and Modeling for Feasibility Assessment of Dredging of Segments of Cow Bayou | 04000007, 04000012, 04000013, 04000014 | Orange | 12010005 | 120100051003, 120100051004, 120100051005 | Lower Sabine | Project Planning | 119 | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes | \$600,000 | Yes | 7,655 | 6390 16 | ,257 | | 7 | 7 | 156 | 9,437 | BLE, 2022 |
| 041000044 | 4 | Sabine | Feasibility Assessment and Conceptual Design of Dredging of Segments of Little Cypress Bayou | H&H Study and Modeling for Feasibility Assessment of Dredging of Segments of Little Cypress Bayou | 04000007, 04000012, 04000013, 04000014 | Orange | 12010005 | 120100051100 | Lower Sabine | Project Planning | 146 | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes | \$1,000,000 | Yes | 10,571 | 8463 29 | ,689 30 | 6 | 15 | 15 | 240 | 9,260 | BLE, 2022 |
| 041000045 | 5 4 | Sabine | Feasibility Assessment and Conceptual Design of Constructing a Stormwater Detention Pond Adjacent to Cow Bayou near Claiborne Park | H&H Study and Modeling for Feasibility Assessment of Construction of a Stormwater Detention Pond Adjacent to Cow Bayou near Claiborne Park | 04000007, 04000012, 04000013, 04000014 | Orange | 12010005 | 120100051003, 120100051004, 120100051005 | Lower Sabine | Project Planning | 119 | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes | \$600,000 | Yes | 7,655 | 6390 16 | ,257 | | 7 | 7 | 156 | 9,437 | BLE, 2022 |
| 041000046 | i 4 | Sabine | Feasibility Assessment and Conceptual Design of Increasing the Size of Culverts and Railroad Trestles on Major Drainage Structures | H&H Study and Modeling for Determination of Need and Feasibility Assessment for Increase in Size of Culverts and Railroad Trestles on Major Drainage Structures Throughout Orange County | 04000007, 04000012, 04000013, 04000014 | Orange | 12010005 | 120100051005, 120100051004, 120100051100, 120100051003 | Lower Sabine | Project Planning | 371 | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes | \$500,000 | Yes | 16,974 | 14040 44 | ,427 27 | 6 | 22 | 22 | 364 | 17,171 | BLE, 2022 |

| FME ID | RFPG No. | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Entities with Oversight | Emergency Need | Estimated Study Cost | Funding | Estimated number of structures at flood risk | Habitable structures at flood risk | | Critical facilities at flood risk (#) | Number of low water crossings at flood risk (#) | Estimated number of road closures (#) | | Estimated active farm & ranch land at flood risk (acres) | Existing or Anticipated Models (year) | Existing or Anticipated Maps (year) |
|-----------|----------|-----------|--|---|---|---------------------------|-----------------------|---|----------------------------|-------------------------|--------------------|----------------------|------------------------------------|------------------------------------|-------------------|-------------------------|---------|---|--|--------|---|--|--|-----|--|--|---|
| 041000047 | 4 | Sabine | Feasibility Assessment and Conceptual Design of Increasing Capacity of Drainage Ditches and Channels that Convey Stormwater from Neighborhoods | H&H Study and Modeling for Determination of Need and Feasibility Assessment of the Capacity of Drainage Ditches and Channels that Convey Stornwater from Neighborhoods Located Within Orange County | 04000007, 04000012, 04000013, 04000014 | Orange | 12010005 | 120100051005, 120100051004, 120100051100, 120100051003 | Lower Sabine | Project Planning | 371 | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes | \$1,000,000 | Yes | 16,974 | 14040 | 44,427 | 276 | 22 | 22 | 364 | 17,171 | BLE, 2022 | |
| 041000048 | 4 | Sabine | City of Fate Culvert Improvement Study | Culverts improvements to meet 100- YR fully developed conditions | 04000007, 04000012, 04000013, 04000014 | Rockwall, Collin, Hunt | 12010001 | 120100010301 | Upper Sabine | Project Planning | 56 | Riverine | Fate | Fate | No | \$100,000 | Yes | 295 | 220 | 828 | 0 | 12 | 12 | 18 | 4,104 | BLE, 2022 | |
| 041000049 | 4 | Sabine | Newton County Flood and Drainage Study | Reconstructing bridges and culverts in a major drainage basin flowing into the Sabine River in Newton County. | 04000007, 04000012, 04000013, 04000014 | Newton, Jasper | 12010005 | 120100050504, 120100050601, 120100050602, 120100050603, 120100050605, 120100050606 | Lower Sabine | Project Planning | 159 | Riverine | Newton | Newton | Yes | \$600,000 | Yes | 260 | 132 | 294 | 17 | 5 | 5 | 19 | 892 | BLE, 2022 | |
| 041000050 | 4 | Sabine | Orange County Drainage Improvements at Kinard Estates Study | First-time sewer service, detention pond, and other drainage improvements to reduce flooding and environmental impacts. | 04000007, 04000012, 04000013, 04000014 | Orange | 12010005 | 120100051005, 120100051004, 120100051100, 120100051003 | Lower Sabine | Project Planning | 371 | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes | \$250,000 | Yes | 16,974 | 14040 | 44,427 | 276 | 22 | 22 | 364 | 17,171 | BLE, 2022 | |
| 041000051 | 4 | Sabine | West Orange Drainage Improvements Study | West Orange Drainage Improvements Study to quantify benefits, evaluate impacts, and begin design. | 04000012, 04000013, 04000014 | Orange | 12010005 | 120100051100 | Lower Sabine | Project Planning | 3 | Riverine, Coastal | West Orange | West Orange | Yes | \$350,000 | Yes | 1,143 | 1007 | 2,990 | 0 | 0 | 0 | 20 | 30 | BLE, 2022 | |
| 041000052 | 4 | Sabine | Adams Bayou Detention Ponds Study | Flood Protection Planning Study Cow Bayou & Adams Bayou Alternative | 04000007, 04000012, 04000013, 04000014 | Orange | 12010005 | 120100051100 | Lower Sabine | Project Planning | 146 | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes | \$600,000 | Yes | 10,571 | 8463 | 29,689 | 306 | 15 | 15 | 240 | 9,260 | BLE, 2022 | |
| 041000053 | 4 | Sabine | Cole Creek Detention Ponds Study | Flood Protection Planning Study Cow Bayou & Adams Bayou Alternative | 04000007, 04000012, 04000013, 04000014 | Orange | 12010005 | 120100051003, 120100051004, 120100051005 | Lower Sabine | Project Planning | 119 | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes | \$600,000 | Yes | 7,655 | 6390 | 16,257 | 7 | 7 | 7 | 156 | 9,437 | BLE, 2022 | |
| 041000054 | 4 | Sabine | Cow Bayou Detention Ponds Study | Flood Protection Planning Study Cow Bayou & Adams Bayou Alternative | 04000007, 04000012, 04000013, 04000014 | Orange | 12010005 | 120100051003, 120100051004, 120100051005 | Lower Sabine | Project Planning | 119 | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes | \$600,000 | Yes | 7,655 | 6390 | 16,257 | 7 | 7 | 7 | 156 | 9,437 | BLE, 2022 | |
| 041000055 | 4 | Sabine | North Airport Retention Pond | Feasibility Study of North Airport Retention Pond | 04000007 | Hunt | 12010001 | 120100010102, 120100010103 | Upper Sabine | Project Planning | 80 | Riverine | Greenvile | Greenvile | Yes | \$640,000 | Yes | 489 | 310 | 2,472 | 3 | 0 | 0 | 29 | 5,957 | BLE, 2022 | |
| 041000056 | 4 | Sabine | Parker Creek Detention Pond | Feasibility Study of Parker Creek Detention Pond | 04000007 | Harrison | 12010002 | 120100020703 | Middle Sabine | Project Planning | 47 | Riverine | Marshall | Marshall | Yes | \$380,000 | Yes | 598 | 397 | 5,258 | 1 | 0 | 0 | 23 | 897 | BLE, 2022 | |
| 041000057 | 4 | Sabine | Terry Bayou Detention Ponds Study | Flood Protection Planning Study Cow Bayou & Adams Bayou Alternative | 04000007, 04000012, 04000013, 04000014 | Orange | 12010005 | 120100051004 | Lower Sabine | Project Planning | 40 | Riverine | Orange County Drainage District | Orange County Drainage District | Yes | \$600,000 | Yes | 2,444 | 2143 | 5,198 | 0 | 1 | 1 | 55 | 3,308 | BLE, 2022 | |
| 041000058 | 4 | Sabine | Gregg County Flood Hazard Mapping | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes. | 04000012, 04000013, 04000014 | Gregg | 12010002 | 120100020402, 120100020403, 120100020404, 120100020405, 120100020501, 120100020502, 120100020503, 120100020504, 120100020505, 120100020506, 120100020601, 120100020602, 120100020603, 120100020606, 120100020608 | Middle Sabine | Watershed Planning | 274 | Riverine | Gregg | Gregg | No | \$2,200,000 | Yes | 2,182 | 1544 | 11,464 | 26 | 1 | 1 | 86 | 1 | BLE, 2022 | |
| 041000059 | 4 | Sabine | | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes. | 04000012, 04000013, 04000014 | Hunt | 12010001, 12010003 | 120100010101, 120100010102, 120100010103, 120100010104, 120100010301, 120100010302, 120100010303, 120100010401, 120100010402, 120100010403, 120100010406, 120100010406, 120100010406, 120100030101, 120100030101, 120100030101 | Upper Sabine, Lake Fork | e Watershed Planning | 879 | Riverine | Hunt | Hunt | Yes | \$4,000,000 | Yes | 2,297 | 1325 | 5,968 | 45 | 10 | 10 | 137 | 6 | BLE, 2022 | |
| 041000060 | 4 | Sabine | Jasper County Flood Hazard Mapping | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes. | 04000007, 04000012, 04000013, 04000014 | Jasper | 12010005 | 120100050601, 120100050602, 120100050604, 120100050605, 120100050607, 120100050608, 120100050801, 120100050801, 120100050804, 120100050901, 120100050902, 120100050905, 120100051001, 120100051001, 120100051002, 120100051003 | Lower Sabine | Watershed Planning | 966 | Riverine | Jasper | Jasper | Yes | \$700,000 | Yes | 945 | 915 | 1,739 | 15 | 5 | 5 | 67 | 2 | BLE, 2023 | |
| 041000061 | 4 | Sabine | Lawrence Road Detention Pond Feasibility Study | Lawrence Road Detention Pond Feasibility Study | 04000007, 04000012, 04000013, 04000014 | Orange | 12010005 | 120100051003, 120100051004, 120100051005 | Lower Sabine | Project Planning | 119 | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes | \$400,000 | Yes | 7,655 | 6390 | 16,257 | 7 | 7 | 7 | 156 | 9,437 | BLE, 2024 | |
| 041000062 | 4 | Sabine | Diversion Channel Cow Bayou Feasibility Study | Diversion Channel Cow Bayou Feasibility Study | 04000007, 04000012, 04000013, 04000014 | Orange | 12010005 | 120100051003, 120100051004, 120100051005 | Lower Sabine | Project Planning | 119 | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes | \$5,209,500 | Yes | 7,655 | 6390 | 16,257 | 7 | 7 | 7 | 156 | 9,437 | BLE, 2025 | |
| 041000063 | 4 | Sabine | Parker Creek Corridor Study | Study of Parker Creek Corridor | 04000007 | Harrison | 12010002 | 120100020703 | Middle Sabine | Project Planning | 47 | Riverine | Longview | Longview | Yes | \$380,000 | Yes | 598 | 397 | 5,258 | 1 | 0 | 0 | 23 | 897 | BLE, 2026 | |

Table 13: Potential Flood Mitigation Projects Identified by RFPG

| FMP ID | RFPG No. | RFPG Name | FMP Name | Description | Associated Goals (ID) | Counties | HUC12s | Watershed Name | Project Type | Project Area (sqmi) | Flood Risk Type (Riverine, Coastal, Urban, Playa, Other) | Sponsor | Entities with Oversight | Emergency Need (Y/N) | Estimated Project Cost (\$) | Potential Funding Sources and Amount |
|-----------|----------|-----------|---|---|-----------------------|----------------|---|----------------|---------------------------|------------------------|--|------------------------------------|------------------------------------|-------------------------|--------------------------------|---|
| 043000017 | 4 | Sabine | Sabine Pass to Galveston Bay Coastal Storm Risk Management Project | Program comprised of improvements and construction of new infrastructure currently being implemented to reduce the risk of storm surge impacts in Orange, Jefferson, and Brazoria Counties in Texas. | | Orange, Newton | 120100051005, 120100051004, 120100051100, 120100051003 | Lower Sabine | Flood Walls and Levees | 265 | Riverine | Orange County Drainage District | Orange County Drainage District | Yes | \$2,270,099,968 | Yes \$836,499,968 |
| 043000018 | 4 | Sabine | Kilgore Downtown Storm Sewer Master Plan Improvements | Downtown Storm Sewer Improvements | 04000007 | Gregg | 120100020502, 120100020503 | Middle Sabine | Storm Drain | 1 | Riverine, Coastal | Kilgore | Kilgore | No | \$2,242,305 | No \$0 |

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| | | | | | Flood Risk | | | | | | | | | | Reduction in Floor | d Risk | | | | | |
|-----------|-----------------------------|-----------------------------|--|---|---|---|--|---|--|---|--|-----|---|---|---|--|--|--|----------|---|---|
| FMP ID | Area in 100yr Floodplain | Area in 500yr Floodplain | Estimated number of structures at 100yr flood risk | Residential structures at 100-year flood risk | Estimated Population at 100-year flood risk | Critical Facilities at 100-year flood risk | Number of low water crossings at flood risk | | Estimated length of roads at 100-year flood risk (Miles) | Number of structures with reduced 100yr flood risk | Number of structures removed from 100yr flood risk | | 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 reduction in fatalities (if available) | Estimated reduction in injuries (if available) |
| 043000017 | 52 | 99 | 7,929 | 6,107 | 15,906 | 206 | 21 | 0 | 158 | Unknown | 1618 | 783 | 1272 | 2375 | 9 | 21 | Unknown | 28 | 1,678.72 | Unknown | Unknown |
| 043000018 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | Unknown | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 1 | 0.00 | Unknown | Unknown |

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| FMP ID | 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 | RFPG Recommendation (Y/N) | Reason for Recommendation |
|-----------|----------------------------------|-----------------------------------|----------------------------|--|--------------------------|--------------------------------------|-------------------------------------|-------------------------------|--|--------------------|------------------------------|------------------------------|
| 043000017 | Unknown | 500-Year | \$1,477,132 | 0% | Yes | Environmental Mitigation Included | 0.806 | No | Unknown | 1.67 | Yes | Aligns with RFPGoals |
| 043000018 | Unknown | 100-Year | \$0 | 0% | No | N/A | 0.962 | No | Unknown | 0.01 | Yes | Aligns with RFPGoals |

Table 14: Potentially Feasible Flood Management Strategies Identified by RFPG

| | | | | Table 14: Potentially Feasible Flood Management | our aregies raei | , | | | | | | |
|-----------|-------------|--------------|---|--|-----------------------------------|-----------|----------|--|----------------|---|------------------------------------|-------------------|
| FMS ID | RFPG No. | RFPG Name | FMS Name | Description | Associated Goals (ID) | Counties | HUC8s | HUC12s | Watershed Name | Project Type | Strategy Project Area (sqmi) | Flood Risk Type |
| 042000001 | 4 | Sabine | Orange County Drainage District Design Criteria | Update Design Criteria | 0400009, 04000018, 04000019 | Orange | 12010005 | 120100051100, 120100051003, 120100051004, | Lower Sabine | Regulatory and Guidance | 371 | Riverine, Coastal |
| 042000002 | 4 | Sabine | Orange County Property Buyouts | Administer program to acquire flood prone/repetitive loss properties and convert to open space, parks, boating access, trails, agricultural projects, and/or as a general community asset. | 04000005 | Orange | 12010005 | 120100051100, 120100051003, 120100051004, 120100051005 | Lower Sabine | Property Acquisition and Structural Elevation | 371 | Riverine, Coastal |
| 042000003 | 4 | Sabine | Orange County Drainage District Flood Warning System | Improvement of existing flood warning system | 04000015 | Orange | 12010005 | 120100051100, 120100051003, 120100051004, 120100051005 | Lower Sabine | Flood Measurement and Warning | 371 | Riverine, Coastal |
| 042000004 | 4 | Sabine | Orange County Detention Ponds Throughout County | Series of detention ponds to prevent flooding along IH-10, Hwy 12, Hwy 62, and Hwy 87 – the County's evacuation routes. | 04000007 | Orange | 12010005 | 120100051005, 120100051004, 120100051100, 120100051003 | Lower Sabine | Infrastructure Projects | 371 | Riverine, Coastal |
| 042000005 | 4 | Sabine | Van Zandt County Wide Floodplain Development Regulations | Incorporate higher standards for flood hazard resiliency in local application of the building code. | 04000009, 04000018 | Van Zandt | 12010001 | 120100010407, 120100010503, 120100010501, 120100010502, 120100010504, 120100010601, 120100010603, 120100010608, 120100010605, 120100010607, 120100010505, 120100010405, 120100010604 | Upper Sabine | Regulatory and Guidance | 856 | Riverine |
| 042000006 | 4 | Sabine | Rockwall Countywide Flood Awareness Program | Develop a public education and awareness website to educate and inform Rockwall County residents/businesses about the natural hazards and the potential ways to mitigate them. | 04000009 | Rockwall | 12010001 | 120100010301, 120100010302 | Upper Sabine | Education and Outreach | 148 | Riverine |
| 042000008 | 4 | Sabine | Orange County Emergency Response Staging Area | Staging Area and "lily pads" for use during disaster events. | 04000011 | Orange | 12010005 | 120100051005, 120100051004, 120100051100, 120100051003 | Lower Sabine | Other | 371 | Riverine, Coastal |
| 042000009 | 4 | Sabine | Orange County Elevation of Residential Structures Program | Elevations of homes within Floodplains throughout County. | 04000005 | Orange | 12010005 | 120100051005, 120100051004, 120100051100, 120100051003 | Lower Sabine | Property Acquisition and Structural Elevation | 371 | Riverine, Coastal |
| 042000010 | 4 | Sabine | Orange County Drainage District Additional Gages And Warning Systems | Incorporation of additional rain gauges and flood sensors throughout jurisdiction. | 04000015 | Orange | 12010005 | 120100051003, 120100051004, 120100051005, 120100051100 | Lower Sabine | Flood Measurement and Warning | 371 | Riverine, Coastal |
| 042000011 | 4 | Sabine | City of Edgewood Emergency Siren Program | Purchase and install outdoor warning sirens. | 04000015 | Van Zandt | 12010001 | 120100010502, 120100010504 | Upper Sabine | Flood Measurement and Warning | 1 | Riverine |
| 042000012 | 4 | Sabine | City of Edgewood Flood Infrastructure Maintenance | Adopt and implement a program for clearing debris from bridges, drains, and culverts | 04000011 | Van Zandt | 12020001 | 120100010502, 120100010504 | #N/A | Other | 1 | Riverine |
| 042000013 | 4 | Sabine | City of Greenville NFIP Participation | Increase NFIP Participation. Greenville participates in the NFIP program and needs to strongly encourage through education additional residents and businesses to purchase and maintain flood insurance. | 04000009, 04000018 | Hunt | 12010001 | 120100010103, 120100010102, 120100010204, 120100010401 | Upper Sabine | Regulatory and Guidance | 33 | Riverine |
| 042000014 | 4 | Sabine | City of Fruitvale "StormReady" Program | Obtain certification in the National Weather Service StormReady Program. | 0400009, 04000018 | Van Zandt | 12010001 | 120100010504, 120100010601 | Upper Sabine | Regulatory and Guidance | 2 | Riverine |
| 042000015 | 4 | Sabine | City of Fruitvale Flood Emergency Notification System | Implement and enhance an area-wide telephone Emergency Notification System ("Reverse 911"). | 04000015, 04000009 | Van Zandt | 12010001 | 120100010504, 120100010601 | Upper Sabine | Flood Measurement and Warning | 2 | Riverine |
| 042000016 | 4 | Sabine | City of Van "StormReady" Program | Obtain certification in the National Weather Service StormReady Program. | 04000009, 04000018 | Van Zandt | 12010001 | 120100010608, 120100010607 | Upper Sabine | Regulatory and Guidance | 3 | Riverine |
| 042000017 | 4 | Sabine | City of Van Flood Infrastructure Maintenance | Adopt and implement a program for clearing debris from bridges, drains and culverts. | 04000011 | Van Zandt | 12010001 | 120100010608, 120100010607 | Upper Sabine | Other | 3 | Riverine |

| | | | | | | | | | | | Flood Risk | | | | | |
|-----------|------------------------------------|------------------------------------|-------------------------|--|--------------------------------------|---|---|-----------------------------|--|---|--|---------------------------------------|---|---|------------------|--|
| FMS ID | Sponsor | Entities with Oversight | Emergency Need (Y/N) | Nonrecurring, Noncapital Cost (\$) | Estimated Total Project Cost (\$) | Potential Funding Sources and Amount | Area in 100yr (1% annual chance) Floodplain | Area in 500yr Floodplain | Estimated number of structures at 100yr flood risk | Residential structures at flood risk | Estimated Population at flood risk | Critical facilities at flood risk (#) | Number of low water crossings at flood risk (#) | Estimated number of road closures (#) | or roads at nood | Estimated active farm & ranch land at flood risk (acres) |
| 042000001 | Orange County | Orange County | Yes | \$50,000 | \$50,000 | Yes | 341.08 | 58.82 | 16,974 | 14,040 | 44,427 | 276 | 22 | 22 | 364 | 17,171 |
| 042000002 | Orange County | Orange County | Yes | \$100,000 | \$100,000 | Yes | 341.08 | 58.82 | 16,974 | 14,040 | 44,427 | 276 | 22 | 22 | 364 | 17,171 |
| 042000003 | Orange County | Orange County | Yes | \$150,000 | \$150,000 | Yes | 341.08 | 58.82 | 16,974 | 14,040 | 44,427 | 276 | 22 | 22 | 364 | 17,171 |
| 042000004 | Orange County | Orange County | Yes | \$44,000,000 | \$44,000,000 | Yes | 341.08 | 58.82 | 16,974 | 14,040 | 44,427 | 276 | 22 | 22 | 364 | 17,171 |
| 042000005 | Van Zandt | Van Zandt | No | \$10,000 | \$10,000 | Yes | 203.25 | 10.49 | 1,080 | 452 | 1,954 | 13 | 9 | 9 | 79 | 26,372 |
| 042000006 | Rockwall | Rockwall | No | \$2,775 | \$2,775 | Yes | 15.24 | 1.06 | 191 | 149 | 786 | 0 | 11 | 11 | 15 | 3,040 |
| 042000008 | Orange County Drainage District | Orange County Drainage District | Yes | \$10,000 | \$10,000 | Yes | 341.07 | 58.82 | 16,974 | 14,040 | 44,427 | 276 | 22 | 22 | 364 | 17,171 |
| 042000009 | Orange County Drainage District | Orange County Drainage District | Yes | \$50,000 | \$50,000 | Yes | 341.07 | 58.82 | 16,974 | 14,040 | 44,427 | 276 | 22 | 22 | 364 | 17,171 |
| 042000010 | Orange County Drainage District | Orange County Drainage District | Yes | \$200,000 | \$200,000 | Yes | 341.07 | 58.82 | 16,974 | 14,040 | 44,427 | 276 | 22 | 22 | 364 | 17,171 |
| 042000011 | Edgewood | Edgewood | No | \$10,000 | \$10,000 | Yes | 0.28 | 0.02 | 27 | 11 | 32 | 0 | 0 | 0 | 1 | 29 |
| 042000012 | Edgewood | Edgewood | No | \$100,000 | \$100,000 | Yes | 0.28 | 0.02 | 27 | 11 | 32 | 0 | 0 | 0 | 1 | 29 |
| 042000013 | Greenville | Greenville | No | \$10,000 | \$10,000 | Yes | 13.53 | 1.26 | 429 | 254 | 6,227 | 28 | 0 | 0 | 26 | 1,339 |
| 042000014 | Fruitvale | Fruitvale | No | \$10,000 | \$10,000 | Yes | 0.99 | 0.04 | 4 | 1 | 12 | 0 | 0 | 0 | 2 | 127 |
| 042000015 | Fruitvale | Fruitvale | No | \$10,000 | \$10,000 | Yes | 0.99 | 0.04 | 4 | 1 | 12 | 0 | 0 | 0 | 2 | 127 |
| 042000016 | Van | Van | No | \$10,000 | \$10,000 | Yes | 0.01 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 042000017 | Van | Van | No | \$50,000 | \$50,000 | Yes | 0.01 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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

| FMS ID | RFPG No. | RFPG Name | FMS Name | Description | Associated Goals (ID) | Counties | HUC8s | HUC12s | Watershed Name | Project Type | Strategy Project Area (sqmi) | Flood Risk Type |
|-----------|-------------|--------------|--|--|------------------------------|------------------|----------|--|----------------|-------------------------------|------------------------------------|-----------------|
| 042000018 | 4 | Sabine | City of Grand Saline "StormReady" Program | Obtain certification in the National Weather Service StormReady Program. | 04000009, 04000018 | Van Zandt | 12010001 | 120100010601, 120100010605 | Upper Sabine | Regulatory and Guidance | 2 | Riverine |
| 042000019 | 4 | Sabine | City of Grand Saline Flood Infrastructure Maintenance | Adopt and implement a program for clearing debris from bridges, drains, and culverts | 04000011 | Van Zandt | 12010001 | 120100010601, | Upper Sabine | Other | 2 | Riverine |
| 042000020 | 4 | Sabine | City of Wills Point "StormReady" Program | Obtain certification in the National Weather Service StormReady Program. | 04000009, 04000018 | Van Zandt | 12010001 | 120100010501, 120100010502 | Upper Sabine | Regulatory and Guidance | 4 | Riverine |
| 042000021 | 4 | Sabine | City of Wills Point Flood Emergency Notification System | Implement and enhance an area-wide telephone Emergency Notification System ("Reverse 911"). | 04000015, 04000009 | Van Zandt | 12010001 | 120100010501, 120100010502 | Upper Sabine | Flood Measurement and Warning | 4 | Riverine |
| 042000022 | 4 | Sabine | City of Wills Point Flood Infrastructure Maintenance | Adopt and implement a program for clearing debris from bridges, drains and culverts. | 04000011 | Van Zandt | 12010001 | 120100010501, 120100010502 | Upper Sabine | Other | 4 | Riverine |
| 042000023 | 4 | Sabine | City of Wills Point Flood Awareness Program | Educate community on the dangers of low water crossings through the installation of warning signs and promotion of "Turn Around, Don't Drown" Program. | 0400009 <i>,</i> 04000017 | Van Zandt | 12010001 | 120100010501, 120100010502 | Upper Sabine | Education and Outreach | 4 | Riverine |
| 042000024 | 4 | Sabine | City of Fate Flood Access Improvement | Add secondary entry/access roads to existing neighborhoods where possible/enforce two entry/access road requirements in existing code for new construction | 04000011 | Rockwall | 12010001 | 120100010301 | #N/A | Regulatory and Guidance | 12 | Riverine |
| 042000025 | 4 | Sabine | City of Fate Flood Infrastructure Maintenance | Develop and implement a county-wide pre-disaster debris removal and monitoring contracts | 04000011 | Rockwall | 12010001 | 120100010301 | #N/A | Other | 12 | Riverine |
| 042000026 | 4 | Sabine | City of Gladewater Flood Awareness Program | Develop and implement a public education campaign to inform the public about mitigation actions they can take to make their family and home safer. Put information and links to outside resources on city websites and facebook pages. | 04000009 | Gregg, Upshur | 12010002 | 120100020402, 120100020403, 120100020405 | Middle Sabine | Education and Outreach | 12 | Riverine |
| 042000027 | 4 | Sabine | City of Gladewater Flood Awareness Program | Develop and implement the "Turn Around, Don't Drown Program" | 04000009 | Gregg, Upshur | 12010002 | 120100020402, 120100020403, 120100020405 | Middle Sabine | Education and Outreach | 12 | Riverine |
| 042000028 | 4 | Sabine | City of Gladewater Flood Infrastructure Maintenance Program | Implement program to remove debris from drainage culverts when needed to alleviate potential flooding hazards | 04000011 | Gregg, Upshur | 12010002 | 120100020402, 120100020403, 120100020405 | Middle Sabine | Other | 12 | Riverine |
| 042000029 | 4 | Sabine | City of Gladewater Flood Awareness Program | Develop, implement and promote a public education campaign to encourage the public to register for the Nixle warning system; put link on city websites and facebook pages. | 04000009 | Gregg, Upshur | 12010002 | 120100020405 | Middle Sabine | Education and Outreach | 7 | Riverine |
| 042000030 | 4 | Sabine | City of Kilgore "StormReady" Program | Obtain awareness materials from Texas Floodplain Management Association for distribution to the public. Post public awareness content on social media platforms prior to and during flooding. | 04000009 | Gregg, Rusk | 12010002 | 120100020506, 120100020405, 120100020502, 120100020503 | Middle Sabine | Education and Outreach | 19 | Riverine |
| 042000032 | 4 | Sabine | City of Kilgore Flood Infrastructure Inspection and Maintenance Program | Investigate the current condition of culverts, headwalls, and repairs to culverts and headwalls | 04000011 | Rusk | 12010002 | 120100020502, 120100020503, 120100020506, 120100020405 | Middle Sabine | Other | 19 | Riverine |
| 042000033 | 4 | Sabine | City of Clarksville City Flood Infrastructure Inspection and Maintenance Program | Monitor flood-prone areas and remove debris from drainage culverts when needed to alleviate potential flooding hazards. | 04000011 | Gregg, Upshur | 12010002 | 120100020405 | Middle Sabine | Other | 7 | Riverine |
| 042000034 | 4 | Sabine | City of Longview Flood Awareness Program | Promote the "Turn Around Don't Drown" campaign, in partnership with DPS. | 04000009 | Gregg | 12010002 | 120100020506, 120100020601, 120100020504, 120100020505, 120100020602 | Middle Sabine | Education and Outreach | 56 | Riverine |

| | | | | | | | | | Flood Risk | | | | | | | |
|-----------|------------------|-------------------------|-------------------------|--|--------------------------------------|---|---|-----------------------------|--|---|--|---|---|---|-------------------|--|
| FMS ID | Sponsor | Entities with Oversight | Emergency Need (Y/N) | Nonrecurring, Noncapital Cost (\$) | Estimated Total Project Cost (\$) | Potential Funding Sources and Amount | Area in 100yr (1% annual chance) Floodplain | Area in 500yr Floodplain | Estimated number of structures at 100yr flood risk | Residential structures at flood risk | Estimated Population at flood risk | | Number of low water crossings at flood risk (#) | | of roads at flood | Estimated active farm & ranch land at flood risk (acres) |
| 042000018 | Grand Saline | Grand Saline | No | \$10,000 | \$10,000 | Yes | 0.60 | 0.07 | 82 | 34 | 225 | 1 | 0 | 0 | 2 | 24 |
| 042000019 | Grand Saline | Grand Saline | No | \$100,000 | \$100,000 | Yes | 0.60 | 0.07 | 82 | 34 | 225 | 1 | 0 | 0 | 2 | 24 |
| 042000020 | Wills Point | Wills Point | No | \$10,000 | \$10,000 | Yes | 0.32 | 0.04 | 12 | 4 | 36 | 0 | 0 | 0 | 0 | 47 |
| 042000021 | Wills Point | Wills Point | No | \$10,200 | \$10,200 | Yes | 0.32 | 0.04 | 12 | 4 | 36 | 0 | 0 | 0 | 0 | 47 |
| 042000022 | Wills Point | Wills Point | No | \$51,000 | \$51,000 | Yes | 0.32 | 0.04 | 12 | 4 | 36 | 0 | 0 | 0 | 0 | 47 |
| 042000023 | Wills Point | Wills Point | No | \$10,200 | \$10,200 | Yes | 0.32 | 0.04 | 12 | 4 | 36 | 0 | 0 | 0 | 0 | 47 |
| 042000024 | Fate | Fate | No | \$400,000 | \$400,000 | Yes | 1.19 | 0.14 | 21 | 21 | 128 | 0 | 1 | 1 | 3 | 164 |
| 042000025 | Fate | Fate | No | \$100,000 | \$100,000 | Yes | 1.19 | 0.14 | 21 | 21 | 128 | 0 | 1 | 1 | 3 | 164 |
| 042000026 | Gladewater | Gladewater | No | \$10,000 | \$10,000 | Yes | 7.45 | 0.66 | 146 | 103 | 300 | 0 | 0 | 0 | 4 | 308 |
| 042000027 | Gladewater | Gladewater | No | \$10,000 | \$10,000 | Yes | 7.45 | 0.66 | 146 | 103 | 300 | 0 | 0 | 0 | 4 | 308 |
| 042000028 | Gladewater | Gladewater | No | \$20,000 | \$20,000 | Yes | 7.45 | 0.66 | 146 | 103 | 300 | 0 | 0 | 0 | 4 | 308 |
| 042000029 | Gladewater | Gladewater | No | \$10,000 | \$10,000 | Yes | 3.50 | 0.26 | 25 | 9 | 49 | 0 | 0 | 0 | 1 | 118 |
| 042000030 | Kilgore | Kilgore | No | \$5,000 | \$5,000 | Yes | 7.03 | 0.94 | 296 | 224 | 1,284 | 3 | 3 | 3 | 15 | 96 |
| 042000032 | Kilgore | Kilgore | No | \$30,000 | \$30,000 | Yes | 7.03 | 0.94 | 296 | 224 | 1,284 | 3 | 3 | 3 | 15 | 96 |
| 042000033 | Clarksville City | Clarksville City | No | \$20,000 | \$20,000 | Yes | 3.50 | 0.26 | 25 | 9 | 49 | 0 | 0 | 0 | 1 | 118 |
| 042000034 | Longview | Longview | No | \$10,000 | \$10,000 | Yes | 17.05 | 2.19 | 1,379 | 1,024 | 12,707 | 9 | 0 | 0 | 41 | 295 |

| | Reduction in Flood Risk | | | | | | | | | | | | | | | | |
|-----------|---|---|---|--|---|-------------|--|-----------------|--|--|---|--|-------------------------------|--|--------------------------|---|----------------------------------|
| FMS ID | Number of structures with reduced 100yr Flood risk | Number of structures removed from 100yr Flood risk | Number of structures removed from 500yr Flood risk | Residential structures removed from 100yr Flood risk | Estimated Population removed from 100yr Flood risk | Temoved mom | Number of low water crossings removed from 100yr Flood risk (#) | in road clocuro | Estimated length of roads removed from 100yr flood risk (Miles) | Estimated active farm & ranch land removed from 100yr flood risk (acres) | Estimated reduction in fatalities (if available) | Estimated reduction in injuries (if available) | Cost/ Structure removed | Consideration of Nature based Solution (Y/N) | Negative Impact (Y/N) | Negative Impact Mitigation (Y/N) | Water Supply Benefit (Y/N) |
| 042000018 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | None | No | N/A | No |
| 042000019 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | None | No | N/A | No |
| 042000020 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | None | No | N/A | No |
| 042000021 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | None | No | N/A | No |
| 042000022 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | None | No | N/A | No |
| 042000023 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | None | No | N/A | No |
| 042000024 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | None | No | N/A | No |
| 042000025 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | None | No | N/A | No |
| 042000026 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | None | No | N/A | No |
| 042000027 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | None | No | N/A | No |
| 042000028 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | None | No | N/A | No |
| 042000029 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | None | No | N/A | No |
| 042000030 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | None | No | N/A | No |
| 042000032 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | None | No | N/A | No |
| 042000033 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | None | No | N/A | No |
| 042000034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | None | No | N/A | No |

| FMS ID | RFPG No. | RFPG Name | FMS Name | Description | Associated Goals (ID) | Counties | HUC8s | HUC12s | Watershed Name | Project Type | Strategy Project Area (sqmi) | Flood Risk Type |
|-----------|-------------|--------------|--|--|--------------------------|------------------------------|----------|--|----------------|---|------------------------------------|-----------------|
| 042000035 | 4 | Sabine | City of Longview Flood Mitigation Training Program | Seek state and FEMA sponsored training in flood mitigation for key personnel. | 0400009, 04000018 | Gregg | 12010002 | 120100020506, 120100020601, 120100020504, 120100020505, 120100020602 | Middle Sabine | Regulatory and Guidance | 56 | Riverine |
| 042000036 | 4 | Sabine | Longview Flood Mitigation Floodplain Development Regulations | Improve the long-range management and use of flood-prone areas by the adoption and enforcement of local ordinances to regulate new development within the floodplain. Review and revise ordinances, when needed. | 04000009, 04000018 | Gregg | 12010002 | 120100020506, 120100020601, 120100020504, 120100020505, 120100020602 | Middle Sabine | Regulatory and Guidance | 56 | Riverine |
| 042000037 | 4 | Sabine | City of Longview Online Flood Awareness Program | Place links on local websites to free FEMA training for independent study via the internet, such as 15-271 "Anticipating Hazardous Weather and Community Risk." | 04000009 | Gregg | 12010002 | 120100020506, 120100020601, 120100020504, 120100020505, 120100020602 | Middle Sabine | Education and Outreach | 56 | Riverine |
| 042000038 | 4 | Sabine | City of Longview Regulatory Flood Hazard Map Program | Work with state and federal agencies to maintain current flood maps. | 04000009, 04000018 | Gregg | 12010002 | 120100020506, 120100020601, 120100020504, 120100020505, 120100020602 | Middle Sabine | Regulatory and Guidance | 56 | Riverine |
| 042000039 | 4 | Sabine | City of Longview Property Acquisition Program | Implementation of program to purchase properties and severe loss-repetitive loss homes in floodplain areas to reserve them from development. | 04000005 | Gregg | 12010002 | 120100020506, 120100020601, 120100020504, 120100020505, 120100020602 | Middle Sabine | Property Acquisition and Structural Elevation | 56 | Riverine |
| 042000041 | 4 | Sabine | City of Longview Dam Development | Promote FEMA-recommended construction methods for any new dam | 04000009, 04000018 | Gregg | 12010002 | 120100020506, 120100020601, 120100020504, 120100020505, 120100020602 | Middle Sabine | Regulatory and Guidance | 56 | Riverine |
| 042000042 | 4 | Sabine | City of Hideaway Flood Awareness Program | Conduct public outreach to educate homeowners on flood mitigation measures for their homes. | 04000009 | Smith | 12010002 | 120100020102 | Middle Sabine | Education and Outreach | 2 | Riverine |
| 042000043 | 4 | Sabine | City of Hideaway Floodplain Development Regulations | Mandate 2 FT Freeboard on Hideaway Lakes Dams | 04000009, 04000018 | Smith | 12010002 | 120100020102 | Middle Sabine | Regulatory and Guidance | 2 | Riverine |
| 042000044 | 4 | Sabine | City of Hideaway Flood Awareness Program | Public Awareness of Evacuation Routes from rising water from dam failure. | 04000009 | Smith | 12010002 | 120100020102 | Middle Sabine | Education and Outreach | 2 | Riverine |
| 042000045 | 4 | Sabine | City of Hideaway Dam Reliability Program | The city will remove trees from earthen dams on hideaway lakes #2 and #3 to mitigate erosion and assist with soil adhesion. | 04000011 | Smith | 12010002 | 120100020102 | Middle Sabine | Other | 2 | Riverine |
| 042000046 | 4 | Sabine | City of Winona Flood Awareness Program | Conduct public outreach to homeowners and residents on flood mitigation measures for their residents. | 04000009 | Smith | 12010002 | 120100020107, 120100020303 | Middle Sabine | Education and Outreach | 2 | Riverine |
| 042000047 | 4 | Sabine | City of Royse City Floodplain Management Ordinances | Update Flood Prevention ordinance, adopting a "no-rise" in Base Flood Elevation in the 100-year floodplain. | 0400009, 04000018 | Rockwall, Collin, Hunt | 12010001 | 120100010202, 120100010301, 120100010302 | Upper Sabine | Regulatory and Guidance | 18 | Riverine |
| 042000048 | 4 | Sabine | City of Royse City "StormReady" Program | Achieve certification by the National Weather Service as a "StormReady" Community. | 0400009, 04000018 | Rockwall, Collin, Hunt | 12010001 | 120100010202, 120100010301, 120100010302 | Upper Sabine | Regulatory and Guidance | 18 | Riverine |
| 042000049 | 4 | Sabine | City of Como Flood Awareness Program | Disseminate PSA's, Newspaper Articles through local media about dangers of flooded county roads and to "Turn Around; Don't Drown." | 04000009 | Hopkins | 12010003 | 120100030201 | Lake Fork | Education and Outreach | 1 | Riverine |
| 042000050 | 4 | Sabine | City of Cumby Flood Awareness Program | Develop and implement the "Turn Around, Don't Drown Program" | 04000009 | Hopkins | 12010003 | 120100030101, 120100030104 | Lake Fork | Education and Outreach | 1 | Riverine |
| 042000051 | 4 | Sabine | City of Cumby Flood Awareness Program | Disseminate PSA's, Newspaper Articles through local media about dangers of flooded county roads | 04000009 | Hopkins | 12010003 | 120100030101, 120100030104 | Lake Fork | Education and Outreach | 1 | Riverine |
| 042000052 | 4 | Sabine | City of Marshall Property Acquisition Program | Encourage development of acquisition and management strategies to preserve open space for flood mitigation and water quality in the floodplain. | 04000005 | Harrison | 12010002 | 120100020703, 120100020701, 120100020702, 120100020704 | Middle Sabine | Property Acquisition and Structural Elevation | 30 | Riverine |

| | | | | | | | | | | | Flood Risk | | | | | |
|-----------|------------|-------------------------|-------------------------|--|--------------------------------------|---|---|-----------------------------|--|---|--|---|---|---|----|-------|
| FMS ID | Sponsor | Entities with Oversight | Emergency Need (Y/N) | Nonrecurring, Noncapital Cost (\$) | Estimated Total Project Cost (\$) | Potential Funding Sources and Amount | Area in 100yr (1% annual chance) Floodplain | Area in 500yr Floodplain | Estimated number of structures at 100yr flood risk | Residential structures at flood risk | Estimated Population at flood risk | | Number of low water crossings at flood risk (#) | | | |
| 042000035 | Longview | Longview | No | \$2,000 | \$2,000 | Yes | 17.05 | 2.19 | 1,379 | 1,024 | 12,707 | 9 | 0 | 0 | 41 | 295 |
| 042000036 | Longview | Longview | No | \$0 | \$0 | Yes | 17.05 | 2.19 | 1,379 | 1,024 | 12,707 | 9 | 0 | 0 | 41 | 295 |
| 042000037 | Longview | Longview | No | \$0 | \$0 | Yes | 17.05 | 2.19 | 1,379 | 1,024 | 12,707 | 9 | 0 | 0 | 41 | 295 |
| 042000038 | Longview | Longview | No | \$0 | \$0 | Yes | 17.05 | 2.19 | 1,379 | 1,024 | 12,707 | 9 | 0 | 0 | 41 | 295 |
| 042000039 | Longview | Longview | No | \$100,000 | \$100,000 | Yes | 17.05 | 2.19 | 1,379 | 1,024 | 12,707 | 9 | 0 | 0 | 41 | 295 |
| 042000041 | Longview | Longview | No | \$10,000 | \$10,000 | Yes | 17.05 | 2.19 | 1,379 | 1,024 | 12,707 | 9 | 0 | 0 | 41 | 295 |
| 042000042 | Hideaway | Hideaway | No | \$10,500 | \$10,500 | Yes | 1.22 | 0.05 | 249 | 224 | 365 | 0 | 0 | 0 | 1 | 4 |
| 042000043 | Hideaway | Hideaway | No | \$10,000 | \$10,000 | Yes | 1.22 | 0.05 | 249 | 224 | 365 | 0 | 0 | 0 | 1 | 4 |
| 042000044 | Hideaway | Hideaway | No | \$10,500 | \$10,500 | Yes | 1.22 | 0.05 | 249 | 224 | 365 | 0 | 0 | 0 | 1 | 4 |
| 042000045 | Hideaway | Hideaway | No | \$60,000 | \$60,000 | Yes | 1.22 | 0.05 | 249 | 224 | 365 | 0 | 0 | 0 | 1 | 4 |
| 042000046 | Winona | Winona | No | \$104,000 | \$104,000 | Yes | 0.66 | 0.08 | 8 | 4 | 9 | 0 | 0 | 0 | 0 | 26 |
| 042000047 | Royse City | Royse City | No | \$10,000 | \$10,000 | Yes | 8.83 | 0.77 | 131 | 92 | 552 | 0 | 8 | 8 | 19 | 1,451 |
| 042000048 | Royse City | Royse City | No | \$10,000 | \$10,000 | Yes | 8.83 | 0.77 | 131 | 92 | 552 | 0 | 8 | 8 | 19 | 1,451 |
| 042000049 | Como | Como | No | \$10,000 | \$10,000 | Yes | 0.06 | 0.01 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 11 |
| 042000050 | Cumby | Cumby | No | \$0 | \$0 | Yes | 0.04 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 042000051 | Cumby | Cumby | No | \$11,500 | \$11,500 | Yes | 0.04 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 042000052 | Marshall | Marshall | No | \$50,000 | \$50,000 | Yes | 7.06 | 0.80 | 561 | 374 | 4,969 | 0 | 0 | 0 | 18 | 222 |

| | | | | | | Reduction in | Flood Risk | | | | | | | | | | |
|-----------|---|---|---|--|---|----------------|--|---------------------|--|--|--|--|-------------------------------|--|--------------------------|---|----------------------------------|
| FMS ID | Number of structures with reduced 100yr Flood risk | Number of structures removed from 100yr Flood risk | Number of structures removed from 500yr Flood risk | Residential structures removed from 100yr Flood risk | Estimated Population removed from 100yr Flood risk | Tellioved from | Number of low water crossings removed from 100yr Flood risk (#) | to accept also con- | Estimated length of roads removed from 100yr flood risk (Miles) | Estimated active farm & ranch land removed from 100yr flood risk (acres) | Estimated reduction in fatalities (if available) | Estimated reduction in injuries (if available) | Cost/ Structure removed | Consideration of Nature based Solution (Y/N) | Negative Impact (Y/N) | Negative Impact Mitigation (Y/N) | Water Supply Benefit (Y/N) |
| 042000035 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | None | No | N/A | No |
| 042000036 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | None | No | N/A | No |
| 042000037 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | None | No | N/A | No |
| 042000038 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | None | No | N/A | No |
| 042000039 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | None | No | N/A | No |
| 042000041 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | None | No | N/A | No |
| 042000042 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | None | No | N/A | No |
| 042000043 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | None | No | N/A | No |
| 042000044 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | None | No | N/A | No |
| 042000045 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | None | No | N/A | No |
| 042000046 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | None | No | N/A | No |
| 042000047 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | None | No | N/A | No |
| 042000048 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | None | No | N/A | No |
| 042000049 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | None | No | N/A | No |
| 042000050 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | None | No | N/A | No |
| 042000051 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | None | No | N/A | No |
| 042000052 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | None | No | N/A | No |

APPENDIX 4-C LIST OF INFEASIBLE FMPS AND FMSS

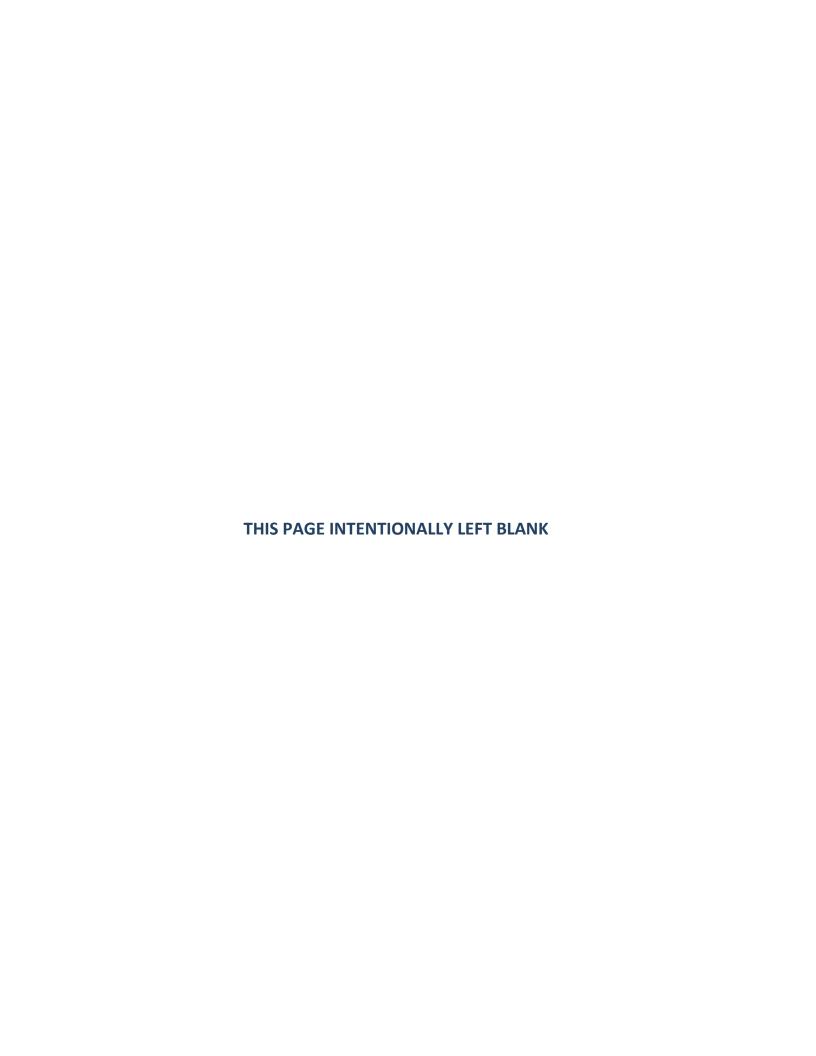
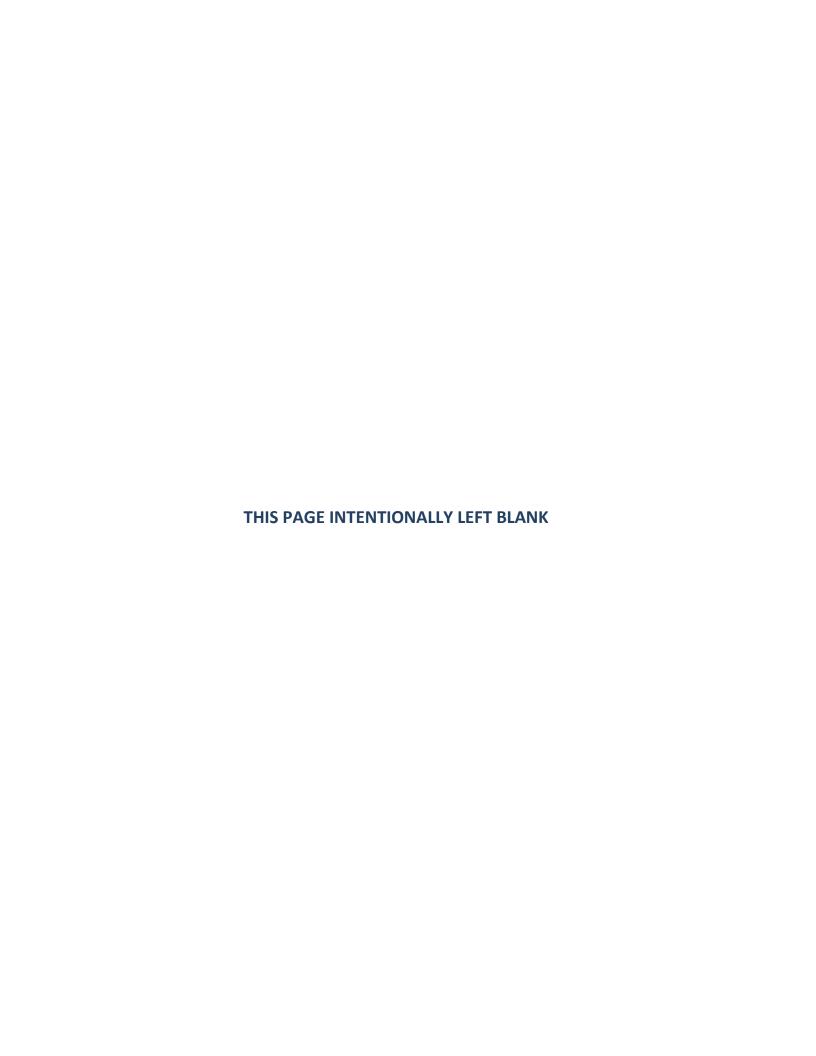


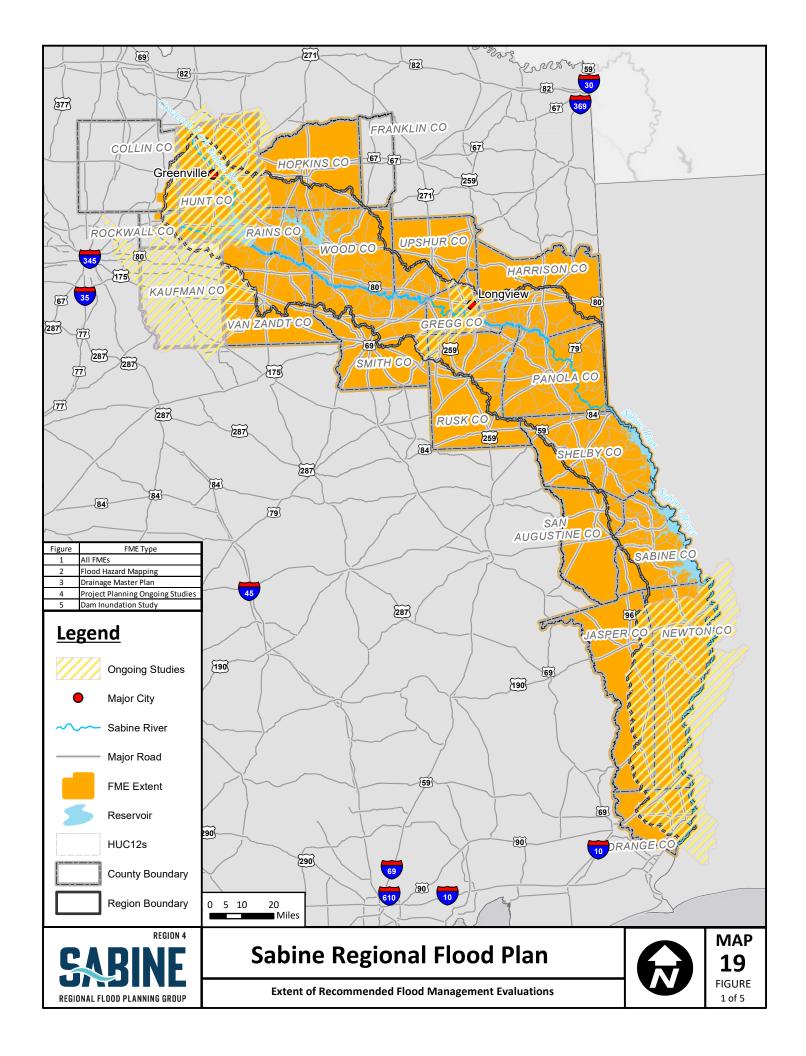
Table 4C-1: Infeasible FMSs and FMPs

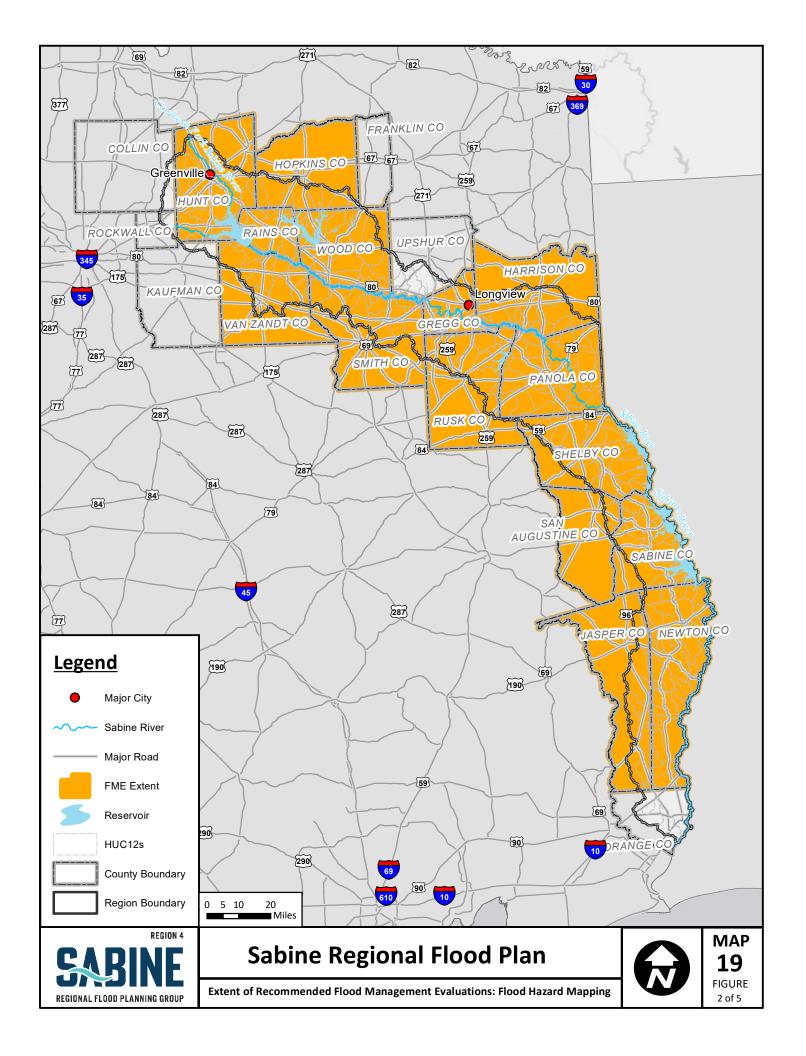
| Flood Mitigation Action Name | Description | Entity | Estimated Project Cost (\$) | Reason Action Infeasible |
|-------------------------------------|---|---------------------|--------------------------------|--|
| City of Fate Action #12 | Purchase NOAA weather radios for early warning and place in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

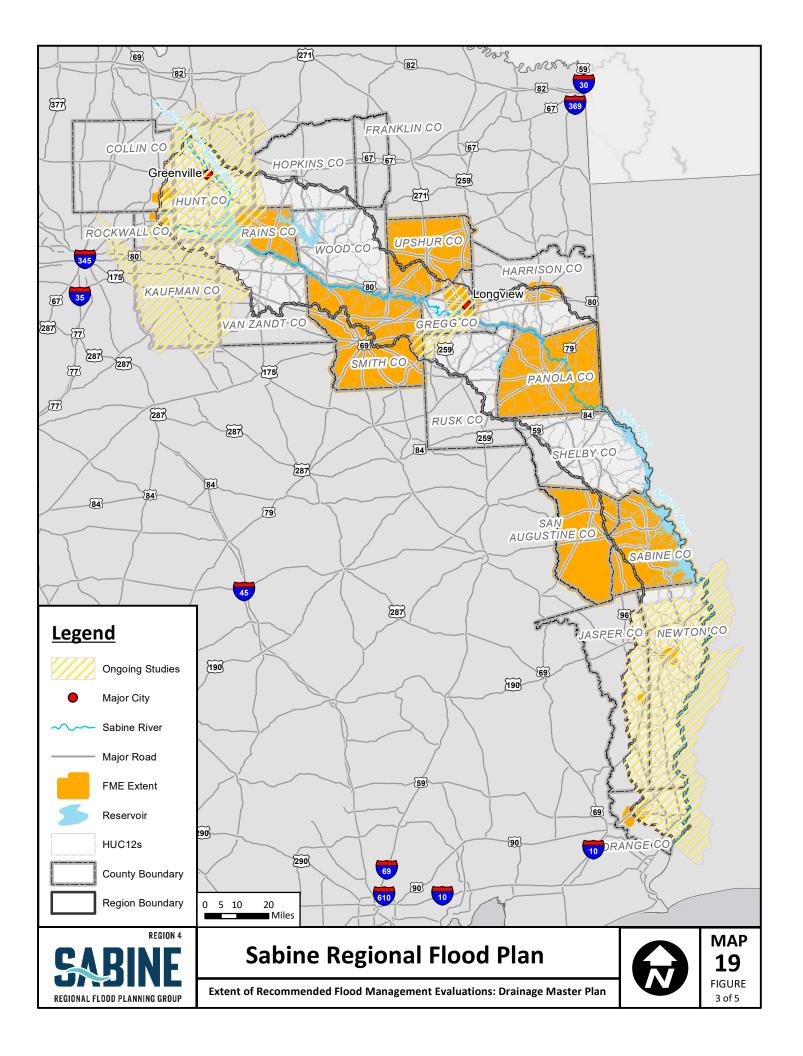
| Flood Mitigation Action Name | Description | Entity | Estimated Project Cost (\$) | Reason Action Infeasible |
|---------------------------------|---|-----------------|--------------------------------|---|
| City of Winona Action #1 | Purchase and install an electric back-up generator at the water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

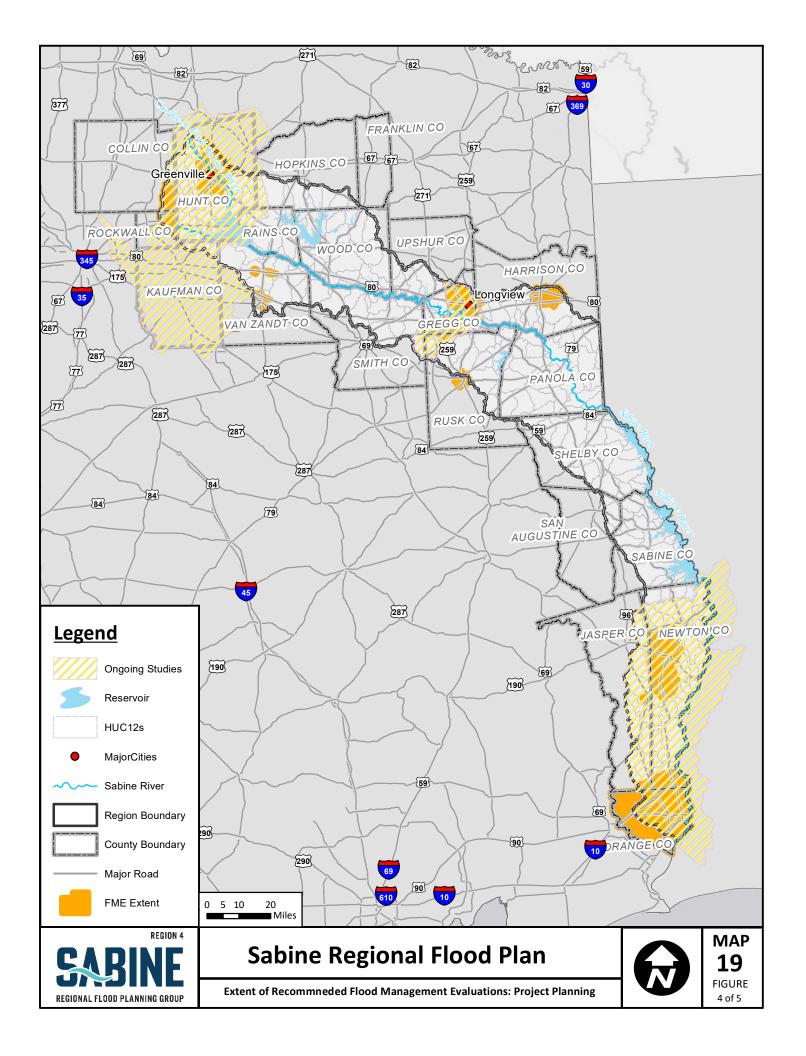
APPENDIX 5-A SUPPORTING MAPS FOR CHAPTER 5

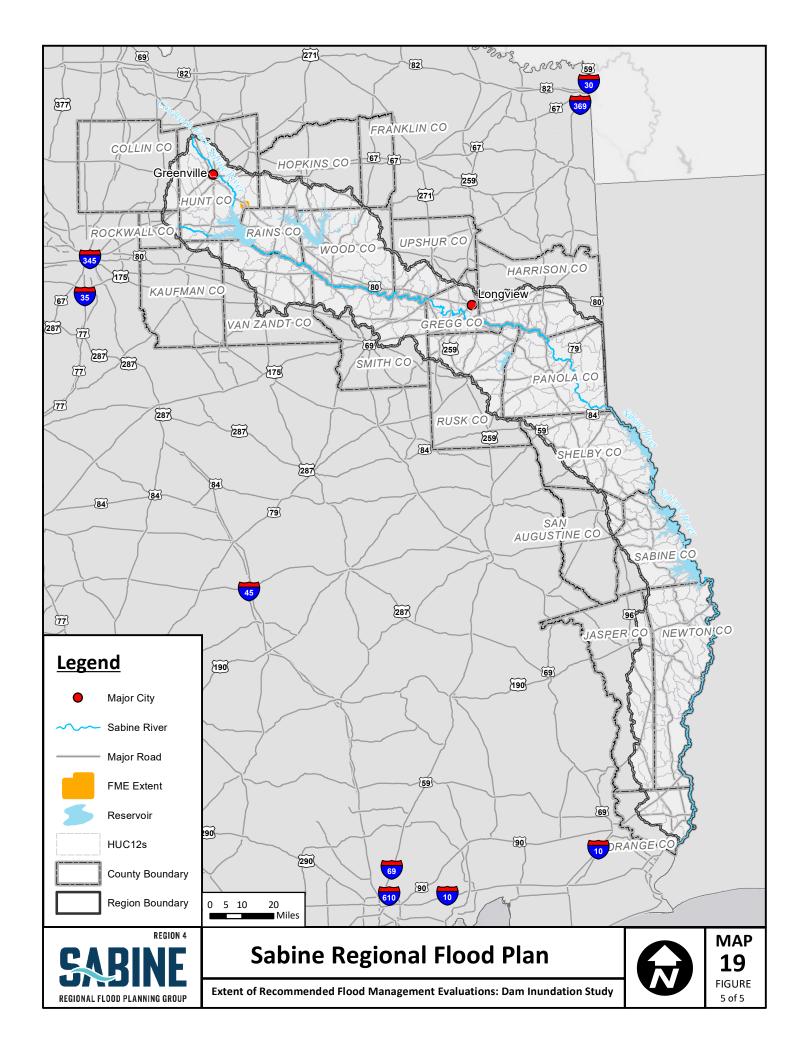


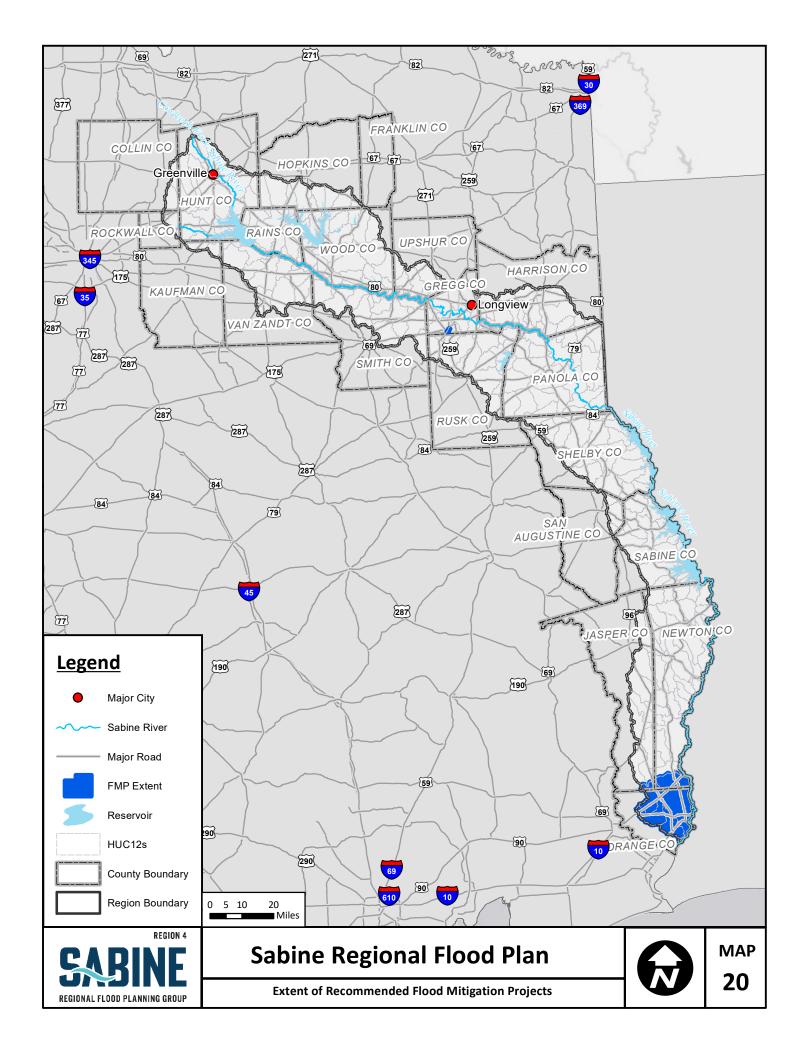


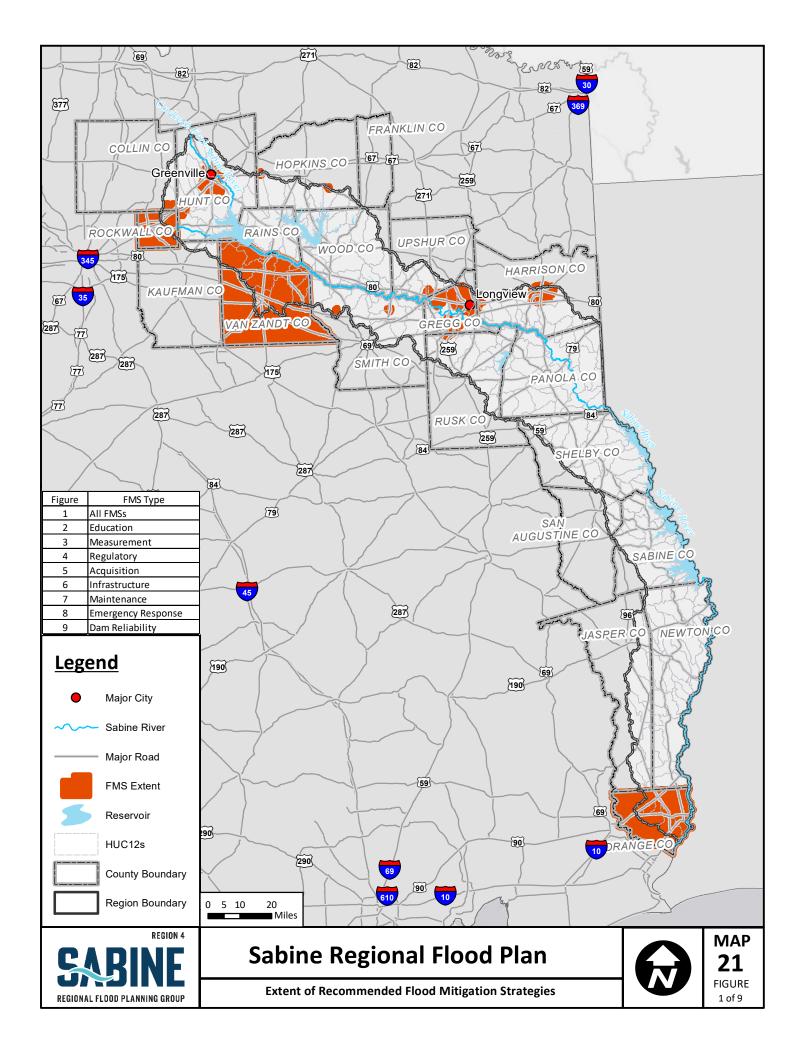


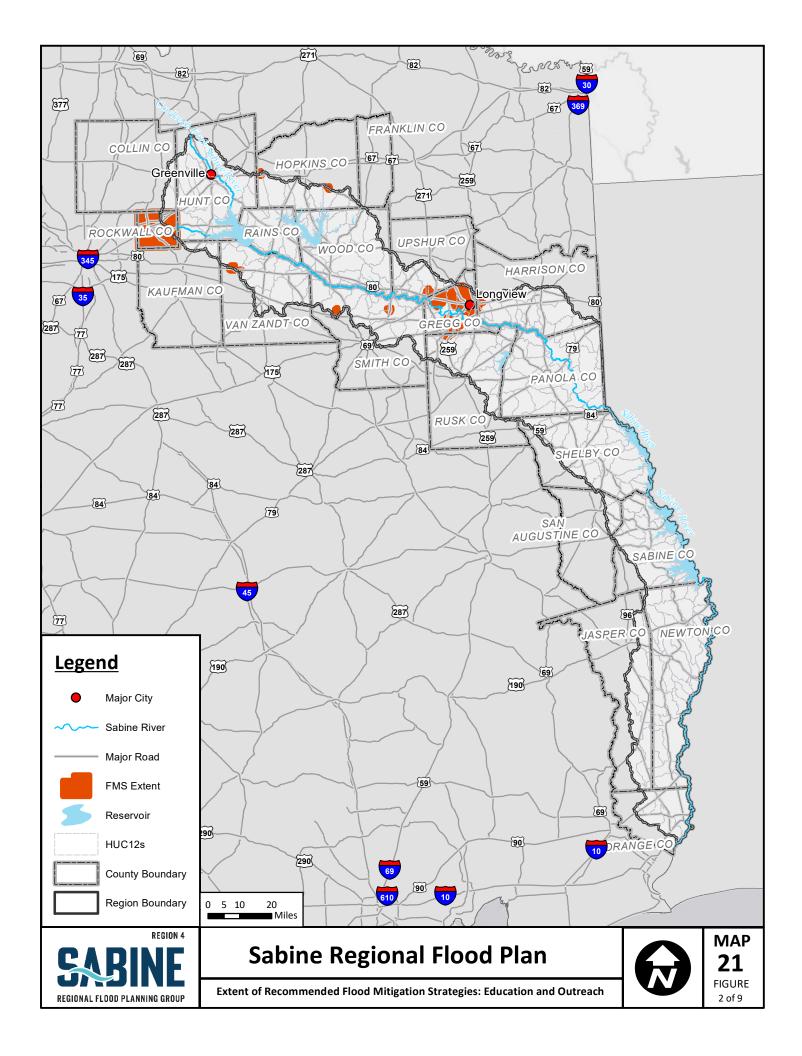


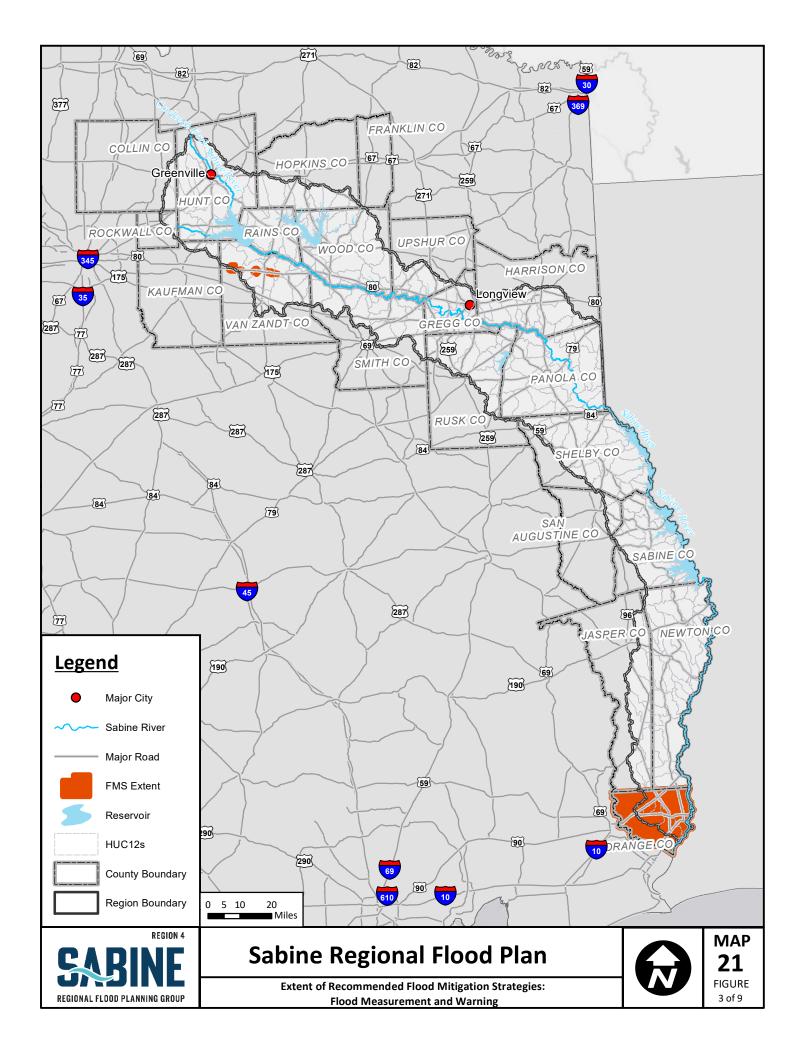


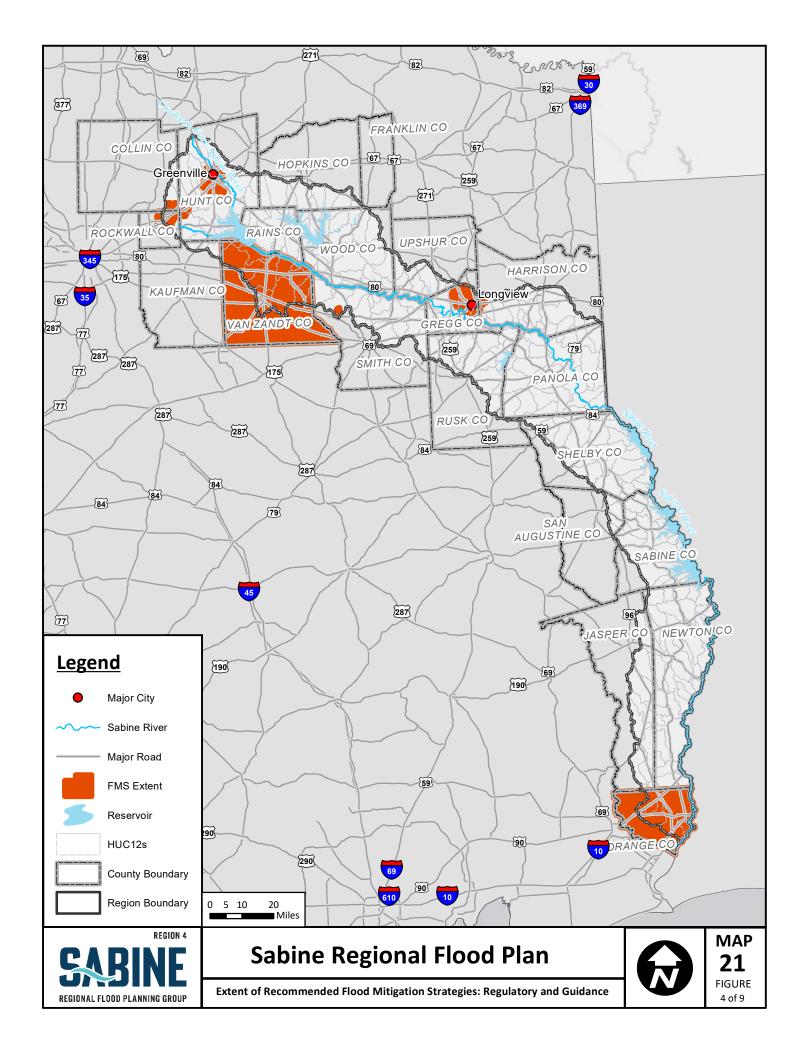


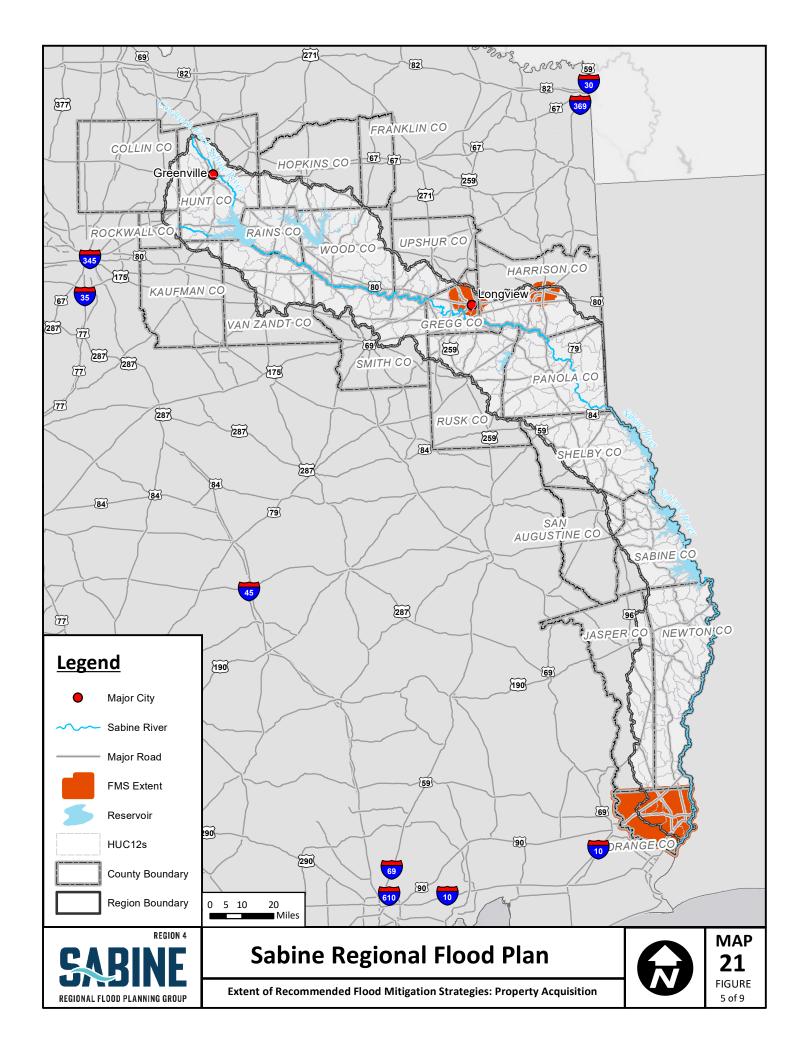


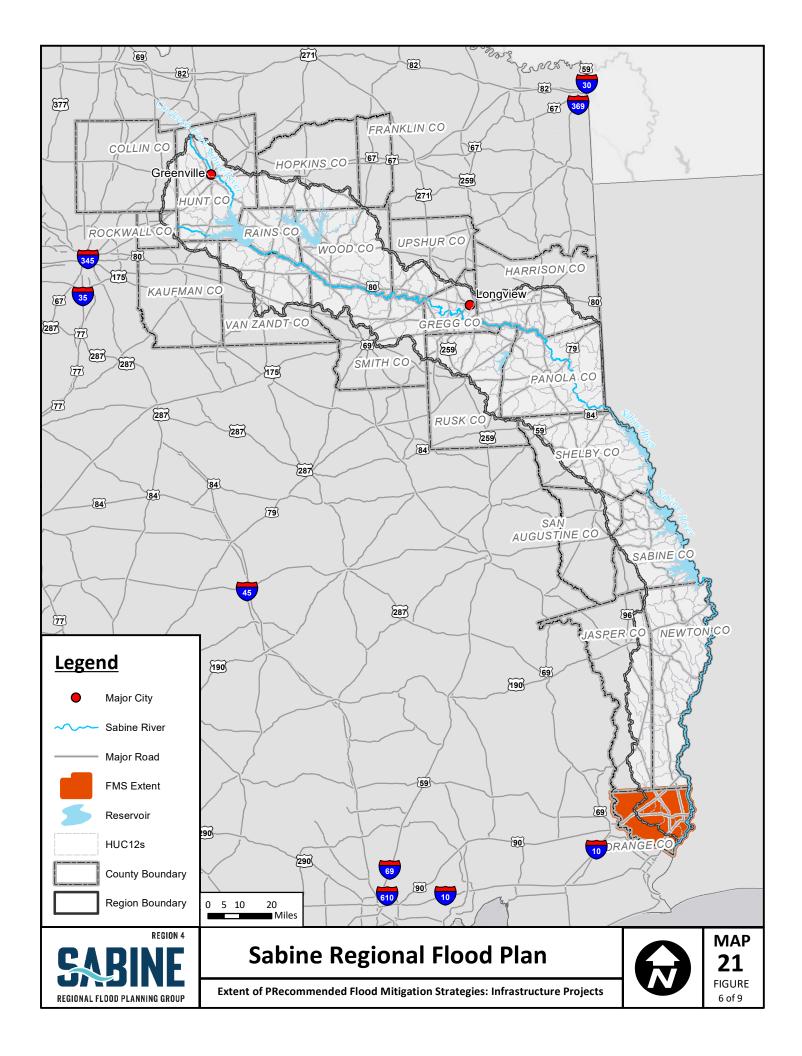


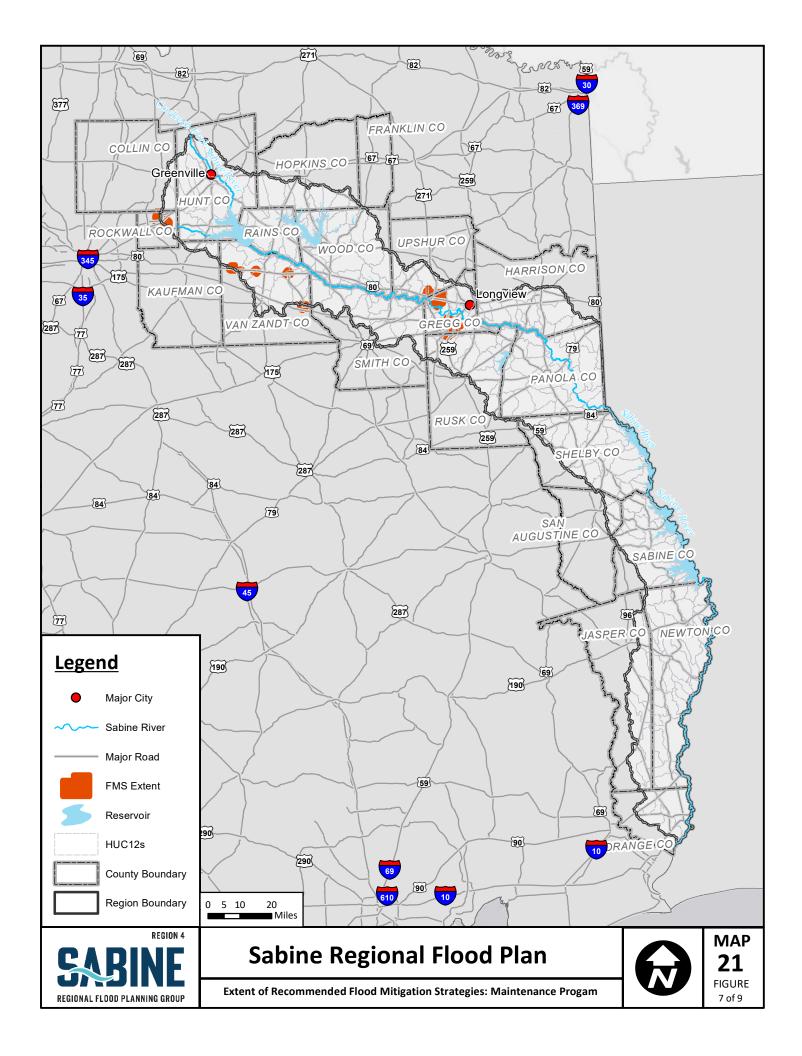


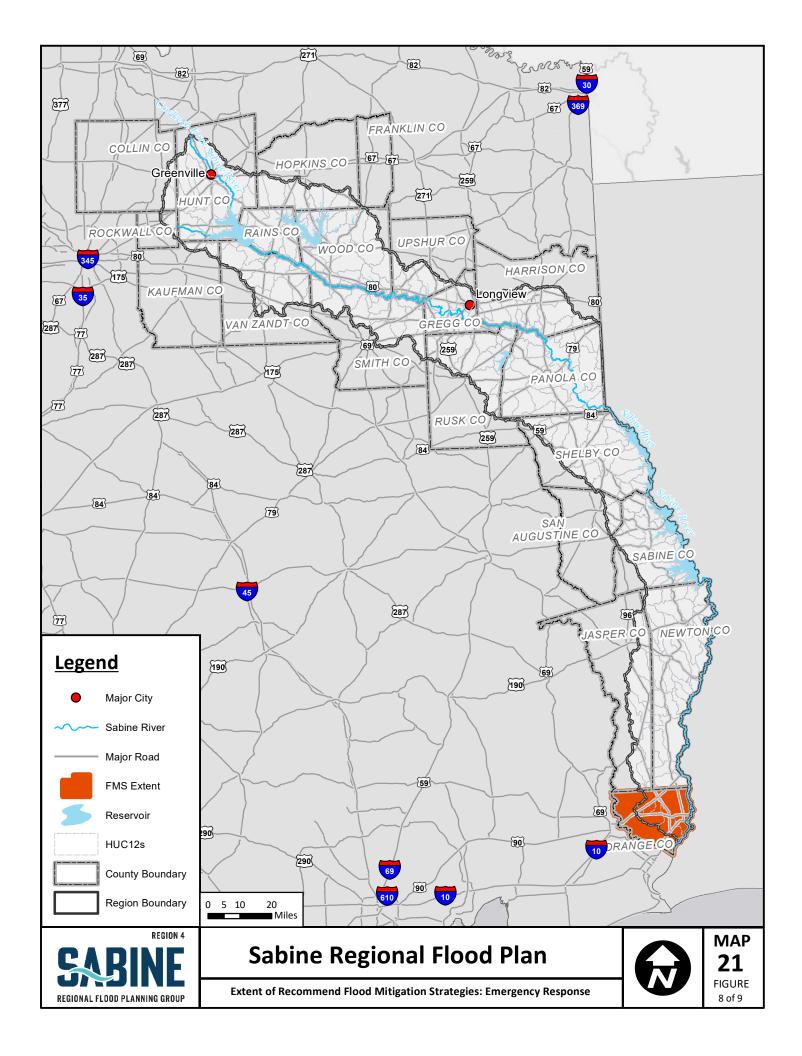


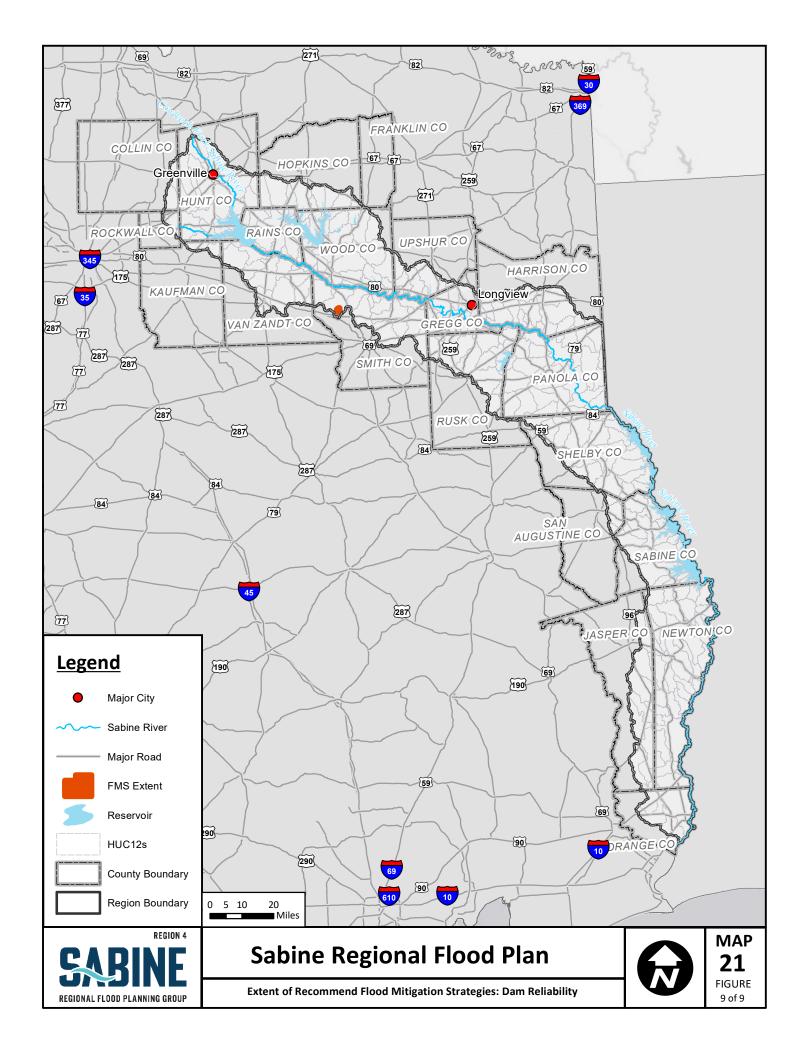


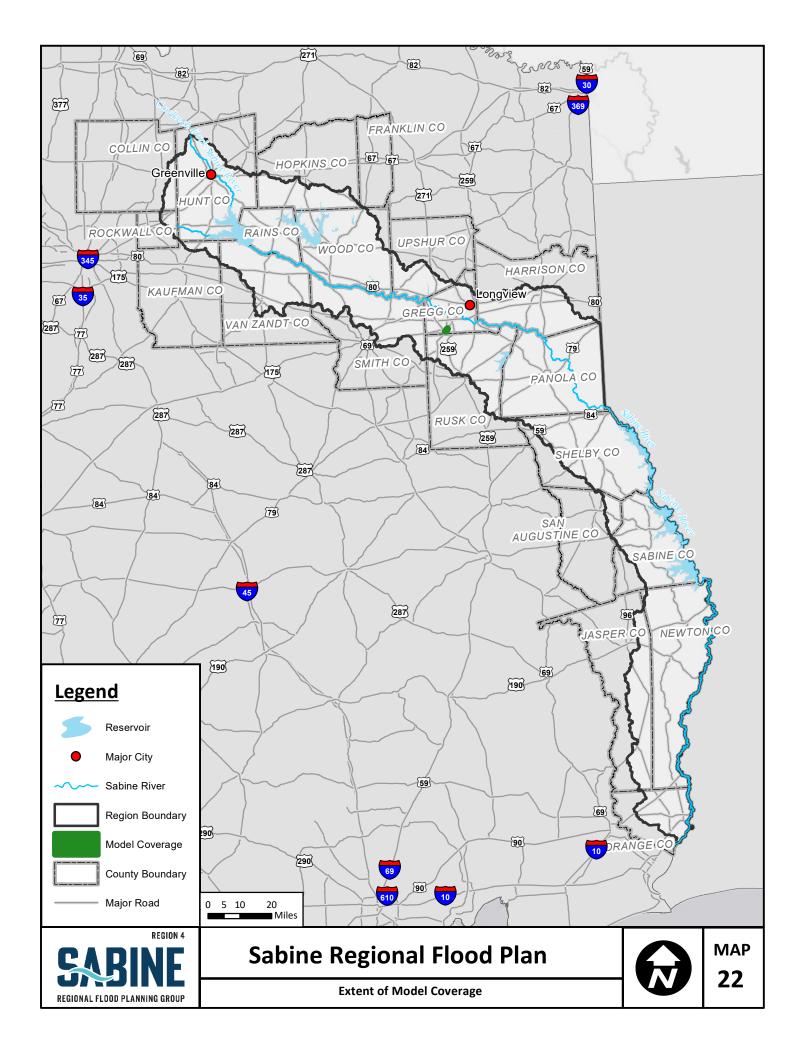












APPENDIX 5-B SUPPORTING TABLES FOR CHAPTER 5

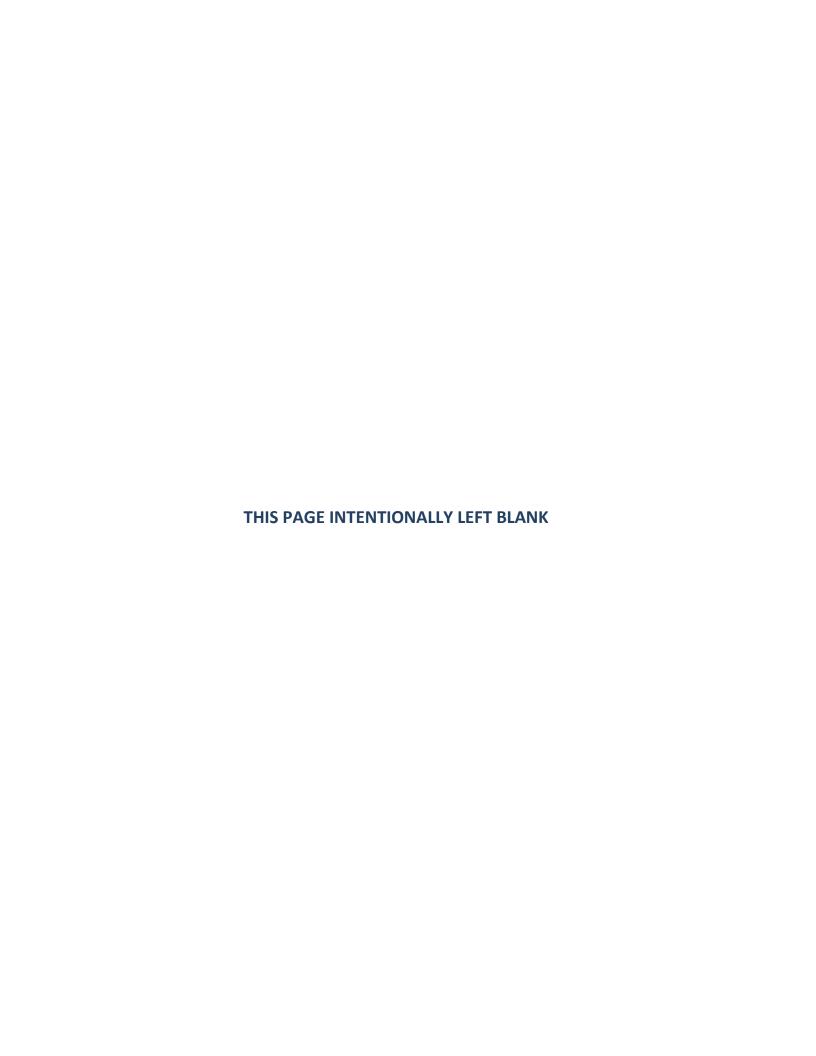


Table 15: Recommended Flood Management Evaluations Identified by RFPG

| Table 15: Rec | ommenaed | d Flood Ivlanag | gement Evaluations Identified | by RFPG | | | | | | | | | | | | | | |
|---------------|----------|-----------------|--|---|------------------------------------|-------------------------------------|-----------------------|---|--------------------------------|-----------------------|--------------------|----------------------|-----------|----------------------------|-------------------|-------------------------|----------------------------------|---------------------------|
| FME ID | RFPG No. | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Entities with Oversight | Emergency Need | Estimated Study Cost | RFPG Recommendat ion (Y/N) | Reason for Recommendation |
| 041000002 | 4 | Sabine | Newton County Flood Hazard Mapping | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes. | 04000012, 04000013, 04000014 | Newton, Sabine | 12010005 | 120100051005, 120100051004, 120100051100, 120100051003 | Lower Sabine | Watershed Planning | 936 | Riverine, Coastal | Newton | Newton | Yes | \$2,340,000 | Yes | Aligns with RFPG Goals |
| 041000003 | 4 | Sabine | Smith County Flood Hazard Mapping | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes. | 04000012, 04000013, 04000014 | Smith, Van Zandt, Rains, Wood | 12010001, 12010002 | 120100010603, 120100010608, 120100010607, 120100020105, 120100020101, 120100020106, 120100020107, 120100020501, 120100020301, 120100020302, 120100020303, 120100020403, 120100020404, 120100020405, 120100020502, 120100020102, 120100020104 | Upper Sabine, Middle Sabine | Watershed Planning | 946 | Riverine | Smith | Smith | Yes | \$4,275,000 | Yes | Aligns with RFPG Goals |
| 041000004 | 4 | Sabine | Smith County Drainage Master Plan | Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000012, 04000013, 04000014 | Smith, Van Zandt, Rains, Wood | 12010001, 12010002 | 120100010603, 120100010608, 120100010607, 120100020105, 120100020101, 120100020106, 120100020107, 120100020501, 120100020301, 120100020302, 120100020303, 120100020403, 120100020404, 120100020405, 120100020502, 120100020102, 120100020104 | Upper Sabine, Middle Sabine | Watershed Planning | 946 | Riverine | Smith | Smith | Yes | \$1,900,000 | Yes | Aligns with RFPG Goals |
| 041000005 | 4 | Sabine | Harrison County Flood Hazard Mapping | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes. | 04000012, 04000013, 04000014 | Panola, Harrison | 12010002 | 120100020906, 120100020904, 120100021102, 120100020703, 120100020601, 120100020602, 120100020603, 120100020607, 120100020608, 120100020701, 120100020702, 120100020704, 120100020706, 120100020903, 120100020705, 120100021101 | Middle Sabine | Watershed Planning | 912 | Riverine | Harrison | Harrison | Yes | \$1,850,000 | Yes | Aligns with RFPG Goals |
| 041000006 | 4 | Sabine | Van Zandt County Flood Hazaro Mapping | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes. | 04000012, 04000013, 04000014 | Van Zandt, Rains, Hunt | 12010001 | 120100010407, 120100010503, 120100010501, 120100010502, 120100010504, 120100010601, 120100010507, 120100010603, 120100010608, 120100010605, 120100010607, 120100010505, 120100010405, 120100010604 | Upper Sabine | Watershed Planning | 856 | Riverine | Van Zandt | Van Zandt | Yes | \$2,230,000 | Yes | Aligns with RFPG Goals |
| 041000007 | 4 | Sabine | Upshur County Drainage Maste Plan | Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000012, 04000013, 04000014 | Smith, Wood, Upshur | 12010002 | 120100020107, 120100020205, 120100020206, 120100020402, 120100020401, 120100020403, 120100020405, 120100020504, 120100020505 | Middle Sabine | Watershed Planning | 590 | Riverine | Upshur | Upshur | Yes | \$200,000 | Yes | Aligns with RFPG Goals |
| 041000008 | 4 | Sabine | Sabine County Flood Hazard Mapping | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes. | 04000012, 04000013, 04000014 | Sabine | 12010004 | 120100040903, 120100040904, 120100040905, 120100041003, 120100040703, 120100040702, 120100040901, 120100040902, 120100041005, 120100041104, 120100040807, 120100041106, 120100041002, 120100041103, 120100041004, 120100041101, 120100041004, 120100041101, | Toledo Bend Reservoir | Watershed Planning | 574 | Riverine | Sabine | Sabine | Yes | \$1,100,000 | Yes | Aligns with RFPG Goals |
| 04100009 | 4 | Sabine | Sabine County Drainage Maste Plan | Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000012, 04000013, 04000014 | Sabine | 12010004 | 120100040903, 120100040904, 120100040905, 120100041003, 120100040703, 120100040702, 120100040901, 120100040902, 120100041005, 120100041104, 120100041002, 120100041106, 120100041105, 120100041103, 120100041004, 120100041101, 120100041102 | Toledo Bend Reservoir | Watershed Planning | 574 | Riverine | Sabine | Sabine | Yes | \$460,000 | Yes | Aligns with RFPG Goals |

| FME ID | RFPG No. | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Entities with Oversight | Emergency Need | Estimated Study Cost | RFPG Recommendat ion (Y/N) | Reason for Recommendation |
|-----------|----------|-----------|--|---|------------------------------------|-------------------------------------|------------------------------------|--|--|-----------------------|--------------------|--------------------|---------------|----------------------------|-------------------|-------------------------|----------------------------------|------------------------------|
| 041000010 | 4 | Sabine | San Augustine County Flood Hazard Mapping | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes. | 04000012, 04000013, 04000014 | San Augustine, Shelby | 12010004 | 120100040701, 120100040702, 120100040901, 120100040902 | Toledo Bend Reservoir | Watershed Planning | 590 | Riverine | San Augustine | San Augustine | Yes | \$100,000 | Yes | Aligns with RFPG Goals |
| 041000011 | 4 | Sabine | San Augustine County Drainage Master Plan | Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000012, 04000013, 04000014 | San Augustine, Shelby | 12010004 | 120100040701, 120100040702, 120100040901, 120100040902 | Toledo Bend Reservoir | Watershed Planning | 590 | Riverine | San Augustine | San Augustine | Yes | \$50,000 | Yes | Aligns with RFPG Goals |
| 041000012 | 4 | Sabine | Shelby County Flood Hazard Mapping | complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes | 04000012, 04000013, 04000014 | Rusk, Panola, Shelby | 12010002, 12010004 | 120100040701, 120100040702, 120100040901, 120100040902 | Middle Sabine, Toledo Bend Reservoir | Watershed Planning | 831 | Riverine | Shelby | Shelby | Yes | \$375,500 | Yes | Aligns with RFPG Goals |
| 041000013 | 4 | Sabine | Rusk County Flood Hazard Mapping | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used | 04000012, 04000013, 04000014 | Rusk, Smith, Gregg | 12010002 | 120100020501, 120100021004, 120100021005, 120100021006, 120100020506, 120100020502, | Middle Sabine | Watershed Planning | 935 | Riverine | Rusk | Rusk | Yes | \$1,850,000 | Yes | Aligns with RFPG Goals |
| 041000014 | 4 | Sabine | Panola County Flood Hazard Mapping | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used | 04000012, 04000013, 04000014 | Panola | 12010002 | 120100020501, 120100021004, 120100021005, 120100021006, 120100020506, 120100020502, | Middle Sabine | Watershed Planning | 818 | Riverine | Panola | Panola | Yes | \$3,700,000 | Yes | Aligns with RFPG Goals |
| 041000015 | 4 | Sabine | Panola County Drainage Master Plan | Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000012, 04000013, 04000014 | Panola | 12010002 | 120100020501, 120100021004, 120100021005, 120100021006, 120100020506, 120100022502, 120100020503, 120100020601, 120100020603, 120100020604, 120100020605, 120100020606, 120100020608, 120100020801, 120100020803, 120100020901, 120100020804, 120100020802 | Middle Sabine | Watershed Planning | 818 | Riverine | Panola | Panola | Yes | \$1,700,000 | Yes | Aligns with RFPG Goals |
| 041000016 | 4 | Sabine | Rains County Flood Hazard Mapping | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes. | 04000012, 04000013, 04000014 | Rains, Hunt | 12010001, 12010003 | 120100010406, 120100010407, 120100010601, 120100010506, 120100010507, 120100010603, 120100010505, 120100010602, 120100030101, 120100030102, 120100030103, 120100030107, 120100030104, 120100030105, 120100030106, 120100030204 | Upper Sabine, Lake Fork | Watershed Planning | 257 | Riverine | Longview | Longview | Yes | \$2,100,000 | Yes | Aligns with RFPG Goals |
| 041000017 | 4 | Sabine | Rains County Drainage Master Plan | Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000012, 04000013, 04000014 | Rains, Hunt | 12010001, 12010003 | 120100010406, 120100010407, 120100010601, 120100010506, 120100010507, 120100010603, 120100030505, 120100010602, 120100030101, 120100030102, 120100030103, 120100030107, 120100030104, 120100030105, 120100030106, 120100030204 | Upper Sabine, Lake Fork | Watershed Planning | 257 | Riverine | Longview | Longview | Yes | \$600,000 | Yes | Aligns with RFPG Goals |
| 041000018 | 4 | Sabine | Wood County Flood Hazard Mapping | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes. | 04000012, 04000013, 04000014 | Smith, Van Zandt, Rains, Wood | 12010001, 12010002, 12010003 | 120100010406, 120100010407, 120100010601, 120100010506, 120100010507, 120100010603, 120100010505, 120100010602, 120100030101, 120100030102, 120100030103, 120100030107, 120100030104, 120100030105, 120100030106, 120100030204 | Upper Sabine, Lake Fork | Watershed Planning | 693 | Riverine | Rockwall | Rockwall | Yes | \$3,200,000 | Yes | Aligns with RFPG Goals |
| 041000019 | 4 | Sabine | Hopkins County Flood Hazard Mapping | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes. | 04000012, 04000013, 04000014 | Wood, Hopkins, Franklin | 12010002, 12010003 | 120100020201, 120100030101, 120100030102, 120100030103, 120100030107, 120100030104, 120100030105, 120100030106, 120100030205, 120100030201, 120100030202, 120100030203 | Middle Sabine, Lake Fork | Watershed Planning | 791 | Riverine | Hopkins | Hopkins | Yes | \$1,550,000 | Yes | Aligns with RFPG Goals |
| 041000020 | 4 | Sabine | Vidor Drainage Master Plan | Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed. | 04000012, 04000013, 04000014 | Orange | 12010005 | 120100051004, 120100051003 | Lower Sabine | Watershed Planning | 12 | Riverine | Vidor | Vidor | Yes | \$1,200,000 | Yes | Aligns with RFPG Goals |
| 041000021 | 4 | Sabine | City of Fate Drainage Master Plan | Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed. | 04000012, 04000013, 04000014 | Rockwall, Collin, Hunt | 12010001 | 120100010301 | Upper Sabine | Watershed Planning | 12 | Riverine | Fate | Fate | No | \$450,000 | Yes | Aligns with RFPG Goals |

| FME ID | RFPG No. | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Entities with Oversight | Emergency Need | Estimated Study Cost | RFPG Recommendat ion (Y/N) | Reason for Recommendation |
|-----------|----------|-----------|---|--|------------------------------------|---------------------------|----------|--|----------------|-----------------------|--------------------|--------------------|------------|----------------------------|-------------------|-------------------------|----------------------------------|------------------------------|
| 041000022 | 4 | Sabine | Nevada Drainage Master Plan | Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed. | 04000012, 04000013, 04000014 | Rockwall, Collin, Hunt | 12010001 | 120100010301 | Upper Sabine | Watershed Planning | 2 | Riverine | Nevada | Nevada | No | \$100,000 | Yes | Aligns with RFPG Goals |
| 041000023 | 4 | Sabine | City of Newton Drainage Master Plan | Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000012, 04000013, 04000014 | Newton | 12010005 | 120100051005, 120100051004, 120100051100, 120100051003 | Lower Sabine | Watershed Planning | 5 | Riverine | Longview | Longview | No | \$100,000 | Yes | Aligns with RFPG Goals |
| 041000024 | 4 | Sabine | Newton Drainage Master Plan | Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed. | 04000012, 04000013, 04000014 | Newton | 12010005 | 120100051005, 120100051004, 120100051100, 120100051003 | Lower Sabine | Watershed Planning | 5 | Riverine | Longview | Longview | No | \$400,000 | Yes | Aligns with RFPG Goals |
| 041000025 | 4 | Sabine | Longview Drainage Master Plan | Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed. | 04000012, 04000013, 04000014 | Rusk, Gregg | 12010002 | 120100020506, 120100020601, 120100020504, 120100020505, 120100020602 | Middle Sabine | Watershed Planning | 56 | Riverine | Longview | Longview | Yes | \$1,100,000 | Yes | Aligns with RFPG Goals |
| 041000026 | 4 | Sabine | Josephine Drainage Master Plar | Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed. | 04000012, 04000013, 04000014 | Collin, Hunt | 12010001 | 120100010202, 120100010301 | Upper Sabine | Watershed Planning | 2 | Riverine | Josephine | Josephine | No | \$100,000 | Yes | Aligns with RFPG Goals |
| 041000027 | 4 | Sabine | Kirbyville Drainage Master Plan | Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed. | 04000012, 04000013, 04000014 | Jasper, Newton | 12010005 | 120100050901, 120100050607, 120100050608 | Lower Sabine | Watershed Planning | 2 | Riverine | Kirbyville | Kirbyville | Yes | \$600,000 | Yes | Aligns with RFPG Goals |
| 041000028 | 4 | Sabine | Marshall Drainage Master Plan | Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed. | 04000012, 04000013, 04000014 | Harrison | 12010002 | 120100020703, 120100020701, 120100020702, 120100020704 | Middle Sabine | Watershed Planning | 30 | Riverine | Longview | Longview | No | \$500,000 | Yes | Aligns with RFPG Goals |
| 041000029 | 4 | Sabine | Scottsville Drainage Master Plar | Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed. | 04000012, 04000013, 04000014 | Harrison | 12010002 | 120100020703 | Middle Sabine | Watershed Planning | 1 | Riverine | Longview | Longview | No | \$300,000 | Yes | Aligns with RFPG Goals |
| 041000030 | 4 | Sabine | City of Edgewood Stormwater Drain and Culvert Improvement Study | Install and upgrade undersized stormwater drains and culverts | 04000007 | Van Zandt | 12010001 | 120100010502, 120100010504 | Upper Sabine | Project Planning | 1 | Riverine | Longview | Longview | No | \$100,000 | Yes | Aligns with RFPG Goals |
| 041000031 | 4 | Sabine | City of Edgewood Stormwater Detention Study | Increase drainage capacity; add stormwater detention and / or retention basins as deemed necessary to reduce flood risk upstream of Edgewood City Dam | 04000007 | Van Zandt | 12010001 | 120100010502, 120100010504 | Upper Sabine | Project Planning | 1 | Riverine | Longview | Longview | No | \$100,000 | Yes | Aligns with RFPG Goals |
| 041000032 | 4 | Sabine | City of Greenville Critical Facilities Flood Protection Study | Elevation or flood proofing of critical structures and/or the construction of barriers around critical structures | 04000004, 04000005 | Hunt | 12010001 | 120100010103, 120100010102, 120100010204, 120100010401 | Upper Sabine | Project Planning | 33 | Riverine | Longview | Longview | No | \$300,000 | Yes | Aligns with RFPG Goals |
| 041000033 | 4 | | City of Fruitvale Drainage Infrastructure Improvement Study | Evaluate access and road conditions for response vehicles. Develop and implement options to improve access and/or add redundant access routes in high risk areas. | 04000001, 04000014 | Van Zandt | 12010001 | 120100010504, 120100010601 | Upper Sabine | Project Planning | 2 | Riverine | Longview | Longview | No | \$200,000 | Yes | Aligns with RFPG Goals |
| 041000034 | 4 | Sabine | City of Canton Drainage Infrastructure Improvements Study | Increase drainage capacity; install french drains or elevate building and upgrade undersized pipe under state Hwy | 04000012 | Van Zandt | 12010001 | 120100010503, 120100010604 | Upper Sabine | Project Planning | 6 | Riverine | Canton | Canton | No | \$300,000 | Yes | Aligns with RFPG Goals |
| 041000035 | 4 | | City of Kilgore Drainage Infrastructure Improvements Study | Improvements to drainage infrastructure in the downtown area by installing new inlets and storm drains | 04000014 | Rusk | 12010002 | 120100020506, 120100020405, 120100020502, 120100020503 | Middle Sabine | Project Planning | 19 | Riverine | Longview | Longview | No | \$300,000 | Yes | Aligns with RFPG Goals |

| FME ID | RFPG No. | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Entities with Oversight | Emergency Need | Estimated Study Cost | RFPG Recommendat ion (Y/N) | Reason for Recommendation |
|-----------|----------|-----------|---|--|---|---------------------------|-----------------------|--|----------------------------|------------------|--------------------|----------------------|------------------------------------|------------------------------------|-------------------|-------------------------|----------------------------------|------------------------------|
| 041000036 | 4 | Sabine | City of Kilgore Library Drainage Improvement Study | Construct network of underground drainage structures to capture and direct subsurface water away from the library structure | 04000014 | Rusk | 12010002 | 120100020506, 120100020405, 120100020502, 120100020503 | Middle Sabine | Project Planning | 19 | Riverine | Longview | Longview | Yes | \$400,000 | Yes | Aligns with RFPG Goals |
| 041000037 | 4 | Sabine | City of Henderson Flood Instructure Improvements Study | Replace riprap lining with a concrete lining to increase maintenance efficiency and flood protection. | 04000007 | Rusk | 12010002 | 120100020605, 120100020801 | Middle Sabine | Project Planning | 12 | Riverine | Henderson | Henderson | Yes | \$200,000 | Yes | Aligns with RFPG Goals |
| 041000038 | 4 | Sabine | City of Henderson Storm Drain Improvement Study | Install new storm drain system to address localized neighborhood drainage issues | 04000007 | Rusk | 12010002 | 120100020605, 120100020801 | Middle Sabine | Project Planning | 12 | Riverine | Henderson | Henderson | Yes | \$100,000 | Yes | Aligns with RFPG Goals |
| 041000039 | 4 | Sabine | City of Longview Critical Facilities Flood Protection Study | Ensure that critical facilities owned by the jurisdiction are protected from flood. | 04000003 | Gregg | 12010002 | 120100020506, 120100020601, 120100020504, 120100020505, 120100020602 | Middle Sabine | Project Planning | 56 | Riverine | Longview | Longview | Yes | \$85,000 | Yes | Aligns with RFPG Goals |
| 041000040 | 4 | Sabine | Lone Oak - Dam Inundation Study | Dam inundation study, safety study, and inventory of mitigation activities to implement for the county dams. | 04000014 | Hunt | 12010001, 12010003 | 120100010406, 120100010401, 120100030102 | Upper Sabine, Lake Fork | Other | 1 | Riverine | Lone Oak | Lone Oak | Yes | \$500,000 | Yes | Aligns with RFPG Goals |
| 041000041 | 4 | Sabine | Kirbyville Drainage Improvement Study | Coordinate and improve storm water drainage throughout the county; encourage new development to balance impervious surfaces with adjacent green space | 0400007, 04000014 | Jasper | 12010005 | 120100050901, 120100050607, 120100050608 | Lower Sabine | Project Planning | 2 | Riverine | Kirbyville | Kirbyville | Yes | \$100,000 | Yes | Aligns with RFPG Goals |
| 041000042 | 4 | Sabine | Feasibility Assessment and Conceptual Design of Dredging of Segments of Adams Bayou | H&H Study and Modeling for Feasibility Assessment of Dredging of Segments of Adams Bayou | 04000007, 04000012, 04000013, 04000014 | Orange | 12010005 | 120100051100 | Lower Sabine | Project Planning | 146 | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes | \$2,000,000 | Yes | Aligns with RFPG Goals |
| 041000043 | 4 | Sabine | Feasibility Assessment and Conceptual Design of Dredging of Segments of Cow Bayou | H&H Study and Modeling for Feasibility Assessment of Dredging of Segments of Cow Bayou | 04000007, 04000012, 04000013, 04000014 | Orange | 12010005 | 120100051003, 120100051004, 120100051005 | Lower Sabine | Project Planning | 119 | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes | \$600,000 | Yes | Aligns with RFPG Goals |
| 041000044 | 4 | Sabine | Feasibility Assessment and Conceptual Design of Dredging of Segments of Little Cypress Bayou | H&H Study and Modeling for Feasibility Assessment of Dredging of Segments of Little Cypress Bayou | 04000007, 04000012, 04000013, 04000014 | Orange | 12010005 | 120100051100 | Lower Sabine | Project Planning | 146 | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes | \$1,000,000 | Yes | Aligns with RFPG Goals |
| 041000045 | 4 | Sabine | Feasibility Assessment and Conceptual Design of Constructing a Stormwater Detention Pond Adjacent to Cow Bayou near Claiborne Park | Assessment of Construction of a Stormwater Detention Pond Adjacent to Cow Bayou near Claiborne Park | 04000007, 04000012, 04000013, 04000014 | Orange | 12010005 | 120100051003, 120100051004, 120100051005 | Lower Sabine | Project Planning | 119 | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes | \$600,000 | Yes | Aligns with RFPG Goals |
| 041000046 | 4 | Sabine | Feasibility Assessment and Conceptual Design of Increasing the Size of Culverts and Railroad Trestles on Major Drainage Structures | " Accacement tor Increase in Size of | | Orange | 12010005 | 120100051005, 120100051004, 120100051100, 120100051003 | Lower Sabine | Project Planning | 371 | Riverine, Coastal | Orange County Drainage District | | Yes | \$500,000 | Yes | Aligns with RFPG Goals |
| 041000047 | 4 | Sabine | Feasibility Assessment and Conceptual Design of Increasing Capacity of Drainage Ditches and Channels that Convey Stormwater from Neighborhoods | H&H Study and Modeling for g Determination of Need and Feasibility Assessment of the Capacity of Drainage Ditches and Channels that Convey Stormwater from Neighborhoods Located Within Orange County | 04000007, 04000012, 04000013, 04000014 | Orange | 12010005 | 120100051005, 120100051004, 120100051100, 120100051003 | Lower Sabine | Project Planning | 371 | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes | \$1,000,000 | Yes | Aligns with RFPG Goals |
| 041000048 | 4 | Sabine | City of Fate Culvert Improvement Study | Culverts improvements to meet 100-YR fully developed conditions | 04000007, 04000012, 04000013, 04000014 | Rockwall, Collin, Hunt | 12010001 | 120100010301 | Upper Sabine | Project Planning | 56 | Riverine | Fate | Fate | No | \$100,000 | Yes | Aligns with RFPG Goals |
| 041000049 | 4 | Sabine | Newton County Flood and Drainage Study | Reconstructing bridges and culverts in a major drainage basin flowing into the Sabine River in Newton County. | 04000007, 04000012, 04000013, 04000014 | Newton, Jasper | 12010005 | 120100050504, 120100050601, 120100050602, 120100050603, 120100050605, 120100050606 | Lower Sabine | Project Planning | 159 | Riverine | Newton | Newton | Yes | \$600,000 | Yes | Aligns with RFPG Goals |
| 041000050 | 4 | Sabine | Orange County Drainage Improvements at Kinard Estates Study | First-time sewer service, detention pond, and other drainage improvements to reduce flooding and environmental impacts. | 0400007, 04000012, 04000013, 04000014 | Orange | 12010005 | 120100051005, 120100051004, 120100051100, 120100051003 | Lower Sabine | Project Planning | 371 | Riverine, Coastal | #N/A | #N/A | Yes | \$250,000 | Yes | Aligns with RFPG Goals |

| FME ID | RFPG No. | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sgmi) | Flood Risk Type | Sponsor | Entities with Oversight | Emergency Need | Estimated Study Cost | RFPG Recommendat | Reason for Recommendation |
|-----------|----------|-----------|---|--|---|------------|-----------------------|--|----------------------------|-----------------------|--------------------|----------------------|------------------------------------|------------------------------------|-------------------|----------------------|---------------------|------------------------------|
| 041000051 | 4 | Sabine | West Orange Drainage Improvements Study | West Orange Drainage Improvements Study to quantify benefits, evaluate impacts, and begin design. | 04000012, 04000013, 04000014 | Orange | 12010005 | 120100051100 | Lower Sabine | Project Planning | 3 | Riverine, Coastal | Longview | Longview | Yes | \$350,000 | ion (Y/N) Yes | Aligns with RFPG Goals |
| 041000052 | 4 | Sabine | Adams Bayou Detention Ponds Study | Flood Protection Planning Study Cow Bayou & Adams Bayou Alternative | 04000007, 04000012, 04000013, 04000014 | Orange | 12010005 | 120100051100 | Lower Sabine | Project Planning | 146 | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes | \$600,000 | Yes | Aligns with RFPG Goals |
| 041000053 | 4 | Sabine | Cole Creek Detention Ponds Study | Flood Protection Planning Study Cow Bayou & Adams Bayou Alternative | 04000007, 04000012, 04000013, 04000014 | Orange | 12010005 | 120100051003, 120100051004, 120100051005 | Lower Sabine | Project Planning | 119 | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes | \$600,000 | Yes | Aligns with RFPG Goals |
| 041000054 | 4 | Sabine | Cow Bayou Detention Ponds Study | Flood Protection Planning Study Cow Bayou & Adams Bayou Alternative | 04000007, 04000012, 04000013, | Orange | 12010005 | 120100051003, 120100051004, 120100051005 | Lower Sabine | Project Planning | 119 | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes | \$600,000 | Yes | Aligns with RFPG Goals |
| 041000055 | 4 | Sabine | North Airport Retention Pond | Feasibility Study of North Airport Retention Pond | 04000007 | Greenville | 12010001 | 120100010102, 120100010103 | Upper Sabine | Project Planning | 80 | Riverine | Longview | Longview | Yes | \$640,000 | Yes | Aligns with RFPG Goals |
| 041000056 | 4 | Sabine | Parker Creek Detention Pond | Feasibility Study of Parker Creek Detention Pond | 04000007 | Harrison | 12010002 | 120100020703 | Middle Sabine | Project Planning | 47 | Riverine | Longview | Longview | Yes | \$380,000 | Yes | Aligns with RFPG Goals |
| 041000057 | 4 | Sabine | Terry Bayou Detention Ponds Study | Flood Protection Planning Study Cow Bayou & Adams Bayou Alternative | 0400007, 04000012, 04000013, 04000014 | Orange | 12010005 | 120100051004 | Lower Sabine | Project Planning | 40 | Riverine | Orange County Drainage District | Orange County Drainage District | Yes | \$600,000 | Yes | Aligns with RFPG Goals |
| 041000058 | 4 | Sabine | Gregg County Flood Hazard Mapping | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes. | 04000012, 04000013, 04000014 | Gregg | 12010002 | 120100020402, 120100020403, 120100020404, 120100020405, 120100020501, 120100020502, 120100020503, 120100020504, 120100020505, 120100020506, 120100020601, 120100020602, 120100020603, 120100020606, 120100020608 | Middle Sabine | Watershed Planning | 274 | Riverine | Gregg | Gregg | No | \$2,200,000 | Yes | Aligns with RFPG Goals |
| 041000059 | 4 | Sabine | Hunt County Flood Hazard Mapping | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes. | 04000012, 04000013, 04000014 | Hunt | 12010001, 12010003 | 120100010101, 120100010102, 120100010103, 120100010104, 120100010301, 120100010302, 120100010303, 120100010401, 120100010402, 120100010403, 120100010404, 120100010405, 120100010406, 120100010407, 120100030101, 120100030102 | Upper Sabine, Lake Fork | Watershed Planning | 879 | Riverine | Hunt | Hunt | Yes | \$4,000,000 | Yes | Aligns with RFPG Goals |
| 041000060 | 4 | Sabine | Jasper County Flood Hazard Mapping | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes. | 0400007, 04000012, 04000013, 04000014 | Jasper | 12010005 | 120100050601, 120100050602, 120100050603, 120100050604, 120100050605, 120100050607, 120100050608, 120100050801, 120100050802, 120100050803, 120100050804, 120100050901, 120100050902, 120100050905, 120100051001, 120100051002, 120100051003 | Lower Sabine | Watershed Planning | 966 | Riverine | Jasper | Jasper | Yes | \$700,000 | Yes | Aligns with RFPG Goals |
| 041000061 | 4 | Sabine | Lawrence Road Detention Pond Feasibility Study | Lawrence Road Detention Pond Feasibility Study | 04000007, 04000012, 04000013, 04000014 | Orange | 12010005 | 120100051003, 120100051004, 120100051005 | Lower Sabine | Project Planning | 119 | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes | \$400,000 | Yes | Aligns with RFPG Goals |
| 041000062 | 4 | Sabine | Diversion Channel Cow Bayou Feasibility Study | Diversion Channel Cow Bayou Feasibility Study | 0400007, 04000012, 04000013, 04000014 | Orange | 12010005 | 120100051003, 120100051004, 120100051005 | Lower Sabine | Project Planning | 119 | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes | \$5,209,500 | Yes | Aligns with RFPG Goals |
| 041000063 | 4 | Sabine | Parker Creek Corridor Study | Study of Parker Creek Corridor | 04000007 | Harrison | 12010002 | 120100020703 | Middle Sabine | Project Planning | 47 | Riverine | Longview | Longview | Yes | \$380,000 | Yes | Aligns with RFPG Goals |

Table 16: Recommended Flood Mitigation Projects Identified by RFPG

| | | | ation i rojects identified by | | | | | | | | | | | | | | | | | | | | | | |
|-----------|----------|--------------|--|--|--------------------------|----------------|---|-------------------|---------------------------|------------------------|---|---------|------------------------------------|-------------------------|-----------------|---|----------------------------|--|-----------------------------|---|--|-------------------------------|-----------------------|---------------------------------|------------------------------|
| FMP ID | RFPG No. | RFPG Name | FMP Name | Description | Associated Goals (ID) | Counties | HUC12s | Watershed Name | Project Type | Project Area (sqmi) | Flood Risk Type (Riverine, Coastal, Urban, Playa, Other) | Sponsor | Entities with Oversight | Emergency Need (Y/N) | | Potential Funding Sources and Amount | 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) | Benefit Cost Ratio | RFPG Recommendation (Y/N) | Reason for Recommendation |
| 043000017 | 4 | Sabine | Coastal Storm Risk Management Project | Program comprised of improvements and construction of new infrastructure currently being implemented to reduce the risk of storm surge impacts in Orange, Jefferson, and Brazoria Counties in Texas. | 0400007 | Orange, Newton | 120100051005, 120100051004, 120100051100, 120100051003 | Lower Sabine | Flood Walls and Levees | 265 | Riverine | | Orange County Drainage District | Yes | \$2,270,099,968 | Yes \$Federal Funds (Long Term Disaster Recovery Investment Plan), Local | \$1,477,132 | 0 | No | No | 0.806 | No | 1.67 | Yes | Yes |
| 043000018 | 4 | I Sabine I | Kilgore Downtown Storm Sewer Master Plan Improvements | Downtown Storm Sewer Improvements | 04000007 | Gregg | 120100020502, 120100020503 | Middle Sabine | Storm Drain | 1 | Riverine, Coastal | Kilgore | Kilgore | No | \$2,242,305 | None | \$0 | 0 | No | No | 0.962 | No | 0.01 | Yes | Yes |

Table 17: Recommended Flood Management Strategies Identified by RFPG

| | | | | Table 17: Recomn | nended Flood Wi | magement 3th | ategies identified | a by KFFG | | | | |
|-----------|----------|-----------|---|---|-----------------------------------|--------------|--------------------|---|----------------|--|---------------------------------|----------------------|
| FMS ID | RFPG No. | RFPG Name | FMS Name | Description | Associated Goals (ID) | Counties | HUC8s | HUC12s | Watershed Name | Project Type | Strategy Project Area (sqmi) | Flood Risk Type |
| 042000001 | 4 | Sabine | Orange County Drainage District Design Criteria | Update Design Criteria | 0400009, 04000018, 04000019 | Orange | 12010005 | 120100051100, 120100051003, 120100051004, 120100051005 | Lower Sabine | Regulatory and Guidance | 371.0352173 | Riverine, Coastal |
| 042000002 | 4 | Sabine | Orange County Property Buyouts | Administer program to acquire flood prone/repetitive loss properties and convert to open space, parks, boating access, trails, agricultural projects, and/or as a general community asset. | 04000005 | Orange | 12010005 | 120100051100, 120100051003, 120100051004, 120100051005 | Lower Sabine | Property Acquisition and Structural Elevation | 371.0352173 | Riverine, Coastal |
| 042000003 | 4 | Sabine | Orange County Drainage District Flood Warning System | Improvement of existing flood warning system | 04000015 | Orange | 12010005 | 120100051100, 120100051003, 120100051004, 120100051005 | Lower Sabine | Flood Measurement and Warning | 371.0352173 | Riverine, Coastal |
| 042000004 | 4 | Sabine | Orange County Detention Ponds Throughout County | Series of detention ponds to prevent flooding along IH-10, Hwy 12, Hwy 62, and Hwy 87 – the County's evacuation routes. | 04000007 | Orange | 12010005 | 120100051005, 120100051004, 120100051100, 120100051003 | Lower Sabine | Infrastructure Projects | 371.0352173 | Riverine, Coastal |
| 042000005 | 4 | Sabine | Van Zandt County Wide Floodplain Development Regulations | Incorporate higher standards for flood hazard resiliency in local application of the building code. | 0400009, 0400018 | Van Zandt | 12010001 | 120100010407, 120100010503, 120100010501, 120100010502, 120100010504, 120100010601, 120100010603, 120100010608, 120100010605, 120100010607, 120100010505, 120100010405, 120100010405, | Upper Sabine | Regulatory and Guidance | 856.3718262 | Riverine |
| 042000006 | 4 | Sabine | Rockwall Countywide Flood Awareness Program | Develop a public education and awareness website to educate and inform Rockwall County residents/businesses about the natural hazards and the potential ways to mitigate them. | 04000009 | Rockwall | 12010001 | 120100010301, 120100010302 | Upper Sabine | Education and Outreach | 148.0785675 | Riverine |

Table 17: Recommended Flood Management Strategies Identified by RFPG

| | | | | Table 17: Red | ommenaea Floc | ıd ıvıanagemen | it Strategies | Identified by RFPG | | | | | |
|-----------|---------------|----------------------------|-------------------------|--|--------------------------------|---|-------------------------------|--|-----------------------------|---|-------------------------------------|----------------------------------|------------------------------|
| FMS ID | Sponsor | Entities with Oversight | Emergency Need (Y/N) | Nonrecurring, Noncapital Cost (\$) | Estimated Project Cost (\$) | Potential Funding Sources and Amount | Cost/ Structure removed | Consideration of Nature based Solution (Y/N) | Negative Impact (Y/N) | Negative Impact Mitigation (Y/N) | Water Supply Benefit (Y/N) | RFPG Recommend ation (Y/N) | Reason for Recommendation |
| 042000001 | Orange County | Orange County | Yes | 50000 | 50000 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000002 | Orange County | Orange County | Yes | 100000 | 100000 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000003 | Orange County | Orange County | Yes | 150000 | 150000 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000004 | Orange County | Orange County | Yes | 44000000 | 44000000 | Yes \$0 | 0 | No | No | None | No | Yes | Aligns with RFPG Goals |
| 042000005 | Van Zandt | Van Zandt | No | 10000 | 10000 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000006 | Rockwall | Rockwall | No | 2775 | 2775 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |

| FMS ID | RFPG No. | RFPG Name | FMS Name | Description | Associated Goals (ID) | Counties | HUC8s | HUC12s | Watershed Name | Project Type | Strategy Project Area (sqmi) | Flood Risk Type |
|-----------|----------|-----------|--|--|--------------------------|-----------|----------|---|----------------|---|---------------------------------|----------------------|
| 042000008 | 4 | Sabine | Orange County Emergency Response Staging Area | Staging Area and "lily pads" for use during disaster events. | 04000011 | Orange | 12010005 | 120100051005, 120100051004, 120100051100, 120100051003 | Lower Sabine | Other | 371.032074 | Riverine, Coastal |
| 042000009 | 4 | Sabine | Orange County Elevation of Residential Structures Program | Elevations of homes within Floodplains throughout County. | 04000005 | Orange | 12010005 | 120100051005, 120100051004, 120100051100, 120100051003 | Lower Sabine | Property Acquisition and Structural Elevation | 371.032074 | Riverine, Coastal |
| 042000010 | 4 | Sabine | Orange County Drainage District Additional Gages And Warning Systems | Incorporation of additional rain gauges and flood sensors throughout jurisdiction. | 04000015 | Orange | 12010005 | 120100051003, 120100051004, 120100051005, 120100051100 | Lower Sabine | Flood Measurement and Warning | 371.032074 | Riverine, Coastal |
| 042000011 | 4 | Sabine | City of Edgewood Emergency Siren Program | Purchase and install outdoor warning sirens. | 04000015 | Van Zandt | 12010001 | 120100010502, 120100010504 | Upper Sabine | Flood Measurement and Warning | 1.40519214 | Riverine |
| 042000012 | 4 | Sabine | City of Edgewood Flood Infrastructure Maintenance | Adopt and implement a program for clearing debris from bridges, drains, and culverts | 04000011 | Van Zandt | 12020001 | 120100010502, 120100010504 | Upper Sabine | Other | 1.40519214 | Riverine |
| 042000013 | 4 | Sabine | City of Greenville NFIP Participation | Increase NFIP Participation. Greenville participates in the NFIP program and needs to strongly encourage through education additional residents and businesses to purchase and maintain flood insurance. | 04000009, 04000018 | Hunt | 12010001 | 120100010103, 120100010102, 120100010204, 120100010401 | Upper Sabine | Regulatory and Guidance | 33.00004578 | Riverine |
| 042000014 | 4 | Sabine | City of Fruitvale "StormReady" Program | Obtain certification in the National Weather Service StormReady Program. | 04000009, 04000018 | Van Zandt | 12010001 | 120100010504, 120100010601 | Upper Sabine | Regulatory and Guidance | 1.90008843 | Riverine |
| 042000015 | 4 | Sabine | City of Fruitvale Flood Emergency Notification System | Implement and enhance an area- wide telephone Emergency Notification System ("Reverse 911"). | 04000015, 04000009 | Van Zandt | 12010001 | 120100010504, 120100010601 | Upper Sabine | Flood Measurement and Warning | 1.90008843 | Riverine |
| 042000016 | 4 | Sabine | City of Van "StormReady" Program | Obtain certification in the National Weather Service StormReady Program. | 04000009, 04000018 | Van Zandt | 12010001 | 120100010608, 120100010607 | Upper Sabine | Regulatory and Guidance | 2.98074651 | Riverine |
| 042000017 | 4 | Sabine | City of Van Flood Infrastructure Maintenance | Adopt and implement a program for clearing debris from bridges, drains and culverts. | 04000011 | Van Zandt | 12010001 | 120100010608, 120100010607 | Upper Sabine | Other | 2.98074651 | Riverine |
| 042000018 | 4 | Sabine | City of Grand Saline "StormReady" Program | Obtain certification in the National Weather Service StormReady Program. | 0400009, 04000018 | Van Zandt | 12010001 | 120100010601, 120100010605 | Upper Sabine | Regulatory and Guidance | 2.1081779 | Riverine |

| FMS ID | Sponsor | Entities with Oversight | Emergency Need (Y/N) | Nonrecurring, Noncapital Cost (\$) | Estimated Project Cost (\$) | Potential Funding Sources and Amount | Cost/ Structure removed | Consideration of Nature based Solution (Y/N) | Negative Impact (Y/N) | Negative Impact Mitigation (Y/N) | Water Supply Benefit (Y/N) | RFPG Recommend ation (Y/N) | Reason for Recommendation |
|-----------|---------------------------------------|---------------------------------------|-------------------------|--|--------------------------------|---|-------------------------------|--|-----------------------------|---|-------------------------------------|----------------------------------|------------------------------|
| 042000008 | Orange County Drainage District | Orange County Drainage District | Yes | 10000 | 10000 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000009 | Orange County Drainage District | Orange County Drainage District | Yes | 50000 | 50000 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000010 | Orange County Drainage District | Orange County Drainage District | Yes | 200000 | 200000 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000011 | Edgewood | Edgewood | No | 10000 | 10000 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000012 | Edgewood | Edgewood | No | 100000 | 100000 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000013 | Greenville | Greenville | No | 10000 | 10000 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000014 | Fruitvale | Fruitvale | No | 10000 | 10000 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000015 | Fruitvale | Fruitvale | No | 10000 | 10000 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000016 | Van | Van | No | 10000 | 10000 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000017 | Van | Van | No | 50000 | 50000 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000018 | Grand Saline | Grand Saline | No | 10000 | 10000 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |

| FMS ID | RFPG No. | RFPG Name | FMS Name | Description | Associated Goals (ID) | Counties | HUC8s | HUC12s | Watershed Name | Project Type | Strategy Project Area (sqmi) | Flood Risk Type |
|-----------|----------|-----------|---|--|--------------------------|---------------|----------|--|----------------|-------------------------------------|---------------------------------|-----------------|
| 042000019 | 4 | Sabine | City of Grand Saline Flood Infrastructure Maintenance | Adopt and implement a program for clearing debris from bridges, drains, and culverts | 04000011 | Van Zandt | 12010001 | 120100010601, | Upper Sabine | Other | 2.1081779 | Riverine |
| 042000020 | 4 | Sabine | City of Wills Point "StormReady" Program | Obtain certification in the National Weather Service StormReady Program. | 04000009, 04000018 | Van Zandt | 12010001 | 120100010501, 120100010502 | Upper Sabine | Regulatory and Guidance | 3.66762781 | Riverine |
| 042000021 | 4 | Sabine | City of Wills Point Flood Emergency Notification System | Implement and enhance an area- wide telephone Emergency Notification System ("Reverse 911"). | 04000015, 04000009 | Van Zandt | 12010001 | 120100010501, 120100010502 | Upper Sabine | Flood Measurement and Warning | 3.66762781 | Riverine |
| 042000022 | 4 | Sabine | City of Wills Point Flood Infrastructure Maintenance | Adopt and implement a program for clearing debris from bridges, drains and culverts. | 04000011 | Van Zandt | 12010001 | 120100010501, 120100010502 | Upper Sabine | Other | 3.66762781 | Riverine |
| 042000023 | 4 | Sabine | City of Wills Point Flood Awareness Program | Educate community on the dangers of low water crossings through the installation of warning signs and promotion of "Turn Around, Don't Drown" Program. | 0400009, 04000017 | Van Zandt | 12010001 | 120100010501, 120100010502 | Upper Sabine | Education and Outreach | 3.66762781 | Riverine |
| 042000024 | 4 | Sabine | City of Fate Flood Access Improvement | Add secondary entry/access roads to existing neighborhoods where possible/enforce two entry/access road requirements in existing code for new construction | 04000011 | Rockwall | 12010001 | 120100010301 | Upper Sabine | Regulatory and Guidance | 11.97986603 | Riverine |
| 042000025 | 4 | Sabine | City of Fate Flood Infrastructure Maintenance | Develop and implement a county- wide pre-disaster debris removal and monitoring contracts | 04000011 | Rockwall | 12010001 | 120100010301 | Upper Sabine | Other | 11.97986603 | Riverine |
| 042000026 | 4 | Sabine | City of Gladewater Flood Awareness Program | Develop and implement a public education campaign to inform the public about mitigation actions they can take to make their family and home safer. Put information and links to outside resources on city websites and facebook pages. | 0400009 | Gregg, Upshur | 12010002 | 120100020402, 120100020403, 120100020405 | Middle Sabine | Education and Outreach | 12.04778767 | Riverine |

| FMS ID | Sponsor | Entities with Oversight | Emergency Need (Y/N) | Nonrecurring, Noncapital Cost (\$) | Estimated Project Cost (\$) | Potential Funding Sources and Amount | Cost/ Structure removed | Consideration of Nature based Solution (Y/N) | Negative Impact (Y/N) | Negative Impact Mitigation (Y/N) | Water Supply Benefit (Y/N) | RFPG Recommend ation (Y/N) | Reason for Recommendation |
|-----------|--------------|----------------------------|-------------------------|--|--------------------------------|---|-------------------------------|--|-----------------------------|---|-------------------------------------|----------------------------------|------------------------------|
| 042000019 | Grand Saline | Grand Saline | No | 100000 | 100000 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000020 | Wills Point | Wills Point | No | 10000 | 10000 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000021 | Wills Point | Wills Point | No | 10200 | 10200 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000022 | Wills Point | Wills Point | No | 51000 | 51000 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000023 | Wills Point | Wills Point | No | 10200 | 10200 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000024 | Fate | Fate | No | 400000 | 400000 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000025 | Fate | Fate | No | 100000 | 100000 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000026 | Gladewater | Gladewater | No | 10000 | 10000 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |

| FMS ID | RFPG No. | RFPG Name | FMS Name | Description | Associated Goals (ID) | Counties | HUC8s | HUC12s | Watershed Name | Project Type | Strategy Project Area (sqmi) | Flood Risk Type |
|-----------|----------|-----------|---|---|--------------------------|---------------|----------|--|----------------|----------------------------|---------------------------------|-----------------|
| 042000027 | 4 | Sabine | City of Gladewater Flood Awareness Program | Develop and implement the "Turn Around, Don't Drown Program" | 04000009 | Gregg, Upshur | 12010002 | 120100020402, 120100020403, 120100020405 | Middle Sabine | Education and Outreach | 12.04778767 | Riverine |
| 042000028 | 4 | Sabine | City of Gladewater Flood Infrastructure Maintenance Program | Implement program to remove debris from drainage culverts when needed to alleviate potential flooding hazards | 04000011 | Gregg, Upshur | 12010002 | 120100020402, 120100020403, 120100020405 | Middle Sabine | Other | 12.04778767 | Riverine |
| 042000029 | 4 | Sabine | City of Gladewater Flood Awareness Program | Develop, implement and promote a public education campaign to encourage the public to register for the Nixle warning system; put link on city websites and facebook pages. | 04000009 | Gregg, Upshur | 12010002 | 120100020405 | Middle Sabine | Education and Outreach | 6.50636148 | Riverine |
| 042000030 | 4 | Sabine | City of Kilgore "StormReady" Program | Obtain awareness materials from Texas Floodplain Management Association for distribution to the public. Post public awareness content on social media platforms prior to and during flooding. | 04000009 | Gregg, Rusk | 12010002 | 120100020506, 120100020405, 120100020502, 120100020503 | Middle Sabine | Education and Outreach | 18.57613373 | Riverine |
| 042000032 | 4 | Sabine | City of Kilgore Flood Infrastructure Inspection and Maintenance Program | Investigate the current condition of culverts, headwalls, and repairs to culverts and headwalls | 04000011 | Rusk | 12010002 | 120100020502, 120100020503, 120100020506, 120100020405 | Middle Sabine | Other | 18.57613373 | Riverine |
| 042000033 | 4 | Sabine | City of Clarksville City Flood Infrastructure Inspection and Maintenance Program | Monitor flood-prone areas and remove debris from drainage culverts when needed to alleviate potential flooding hazards. | 04000011 | Gregg, Upshur | 12010002 | 120100020405 | Middle Sabine | Other | 6.50636148 | Riverine |
| 042000034 | 4 | Sabine | City of Longview Flood Awareness Program | Promote the "Turn Around Don't Drown" campaign, in partnership with DPS. | 04000009 | Gregg | 12010002 | 120100020506, 120100020601, 120100020504, 120100020505, 120100020602 | Middle Sabine | Education and Outreach | 55.7143364 | Riverine |
| 042000035 | 4 | Sabine | City of Longview Flood Mitigation Training Program | Seek state and FEMA sponsored training in flood mitigation for key personnel. | 04000009, 04000018 | Gregg | 12010002 | 120100020506, 120100020601, 120100020504, 120100020505, 120100020602 | Middle Sabine | Regulatory and Guidance | 55.7143364 | Riverine |

| FMS ID | Sponsor | Entities with Oversight | Emergency Need (Y/N) | Nonrecurring, Noncapital Cost (\$) | Estimated Project Cost (\$) | Potential Funding Sources and Amount | Cost/ Structure removed | Consideration of Nature based Solution (Y/N) | Negative Impact (Y/N) | Negative Impact Mitigation (Y/N) | Water Supply Benefit (Y/N) | RFPG Recommend ation (Y/N) | Reason for Recommendation |
|-----------|------------------|----------------------------|-------------------------|--|--------------------------------|---|-------------------------------|--|-----------------------------|---|-------------------------------------|----------------------------------|------------------------------|
| 042000027 | Gladewater | Gladewater | No | 10000 | 10000 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000028 | Gladewater | Gladewater | No | 20000 | 20000 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000029 | Gladewater | Gladewater | No | 10000 | 10000 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000030 | Kilgore | Kilgore | No | 5000 | 5000 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000032 | Kilgore | Kilgore | No | 30000 | 30000 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000033 | Clarksville City | Clarksville City | No | 20000 | 20000 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000034 | Longview | Longview | No | 10000 | 10000 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000035 | Longview | Longview | No | 2000 | 2000 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |

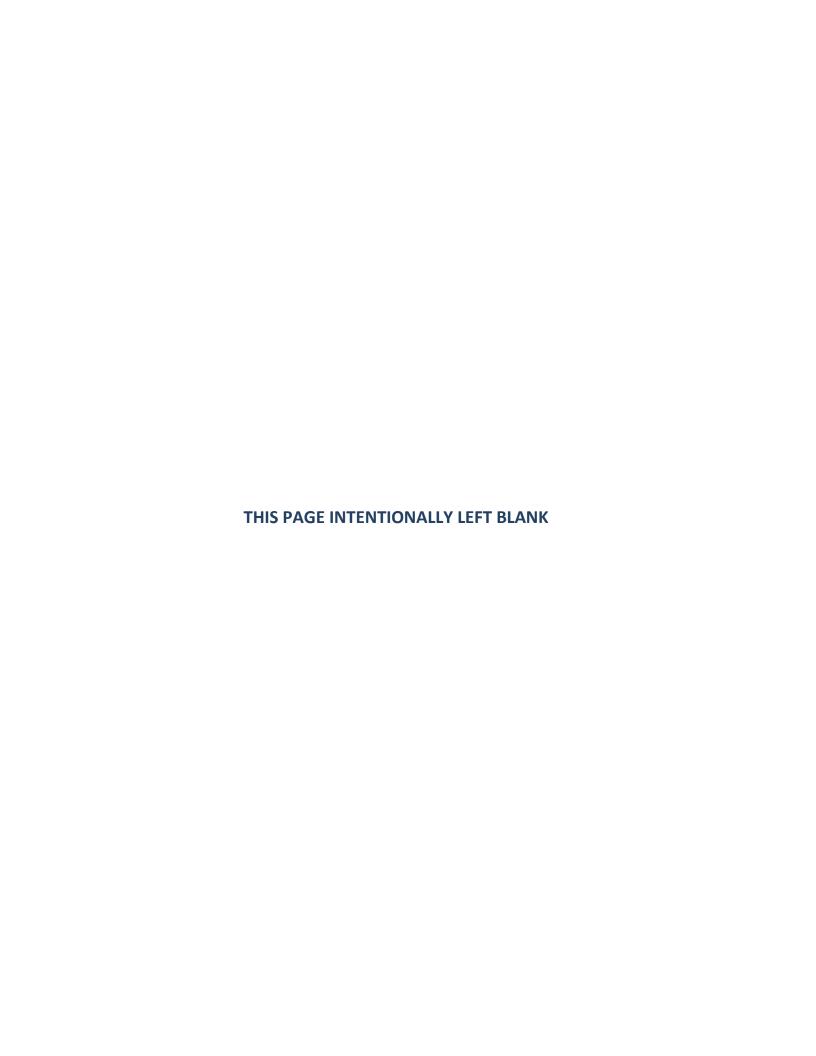
| FMS ID | RFPG No. | RFPG Name | FMS Name | Description | Associated Goals (ID) | Counties | HUC8s | HUC12s | Watershed Name | Project Type | Strategy Project Area (sqmi) | Flood Risk Type |
|-----------|----------|-----------|--|--|--------------------------|----------|----------|--|----------------|--|---------------------------------|-----------------|
| 042000036 | 4 | Sabine | Longview Flood Mitigation Floodplain Development Regulations | Improve the long-range management and use of flood-prone areas by the adoption and enforcement of local ordinances to regulate new development within the floodplain. Review and revise ordinances, when needed. | 0400009, 0400018 | Gregg | 12010002 | 120100020506, 120100020601, 120100020504, 120100020505, 120100020602 | Middle Sabine | Regulatory and Guidance | 55.7143364 | Riverine |
| 042000037 | 4 | Sabine | City of Longview Online Flood Awareness Program | Place links on local websites to free FEMA training for independent study via the internet, such as 15-271 "Anticipating Hazardous Weather and Community Risk." | 04000009 | Gregg | 12010002 | 120100020506, 120100020601, 120100020504, 120100020505, 120100020602 | Middle Sabine | Education and Outreach | 55.7143364 | Riverine |
| 042000038 | 4 | Sabine | City of Longview Regulatory Flood Hazard Map Program | Work with state and federal agencies to maintain current flood maps. | 04000009, 04000018 | Gregg | 12010002 | 120100020506, 120100020601, 120100020504, 120100020505, 120100020602 | Middle Sabine | Regulatory and Guidance | 55.7143364 | Riverine |
| 042000039 | 4 | Sabine | City of Longview Property Acquisition Program | Implementation of program to purchase properties and severe loss-repetitive loss homes in floodplain areas to reserve them from development. | 04000005 | Gregg | 12010002 | 120100020506, 120100020601, 120100020504, 120100020505, 120100020602 | Middle Sabine | Property Acquisition and Structural Elevation | 55.7143364 | Riverine |
| 042000041 | 4 | Sabine | City of Longview Dam Development | Promote FEMA-recommended construction methods for any new dam | 04000009, 04000018 | Gregg | 12010002 | 120100020506, 120100020601, 120100020504, 120100020505, 120100020602 | Middle Sabine | Regulatory and Guidance | 55.7143364 | Riverine |
| 042000042 | 4 | Sabine | City of Hideaway Flood Awareness Program | Conduct public outreach to educate homeowners on flood mitigation measures for their homes. | 04000009 | Smith | 12010002 | 120100020102 | Middle Sabine | Education and Outreach | 2.42082477 | Riverine |

| FMS ID | Sponsor | Entities with Oversight | Emergency Need (Y/N) | Nonrecurring, Noncapital Cost (\$) | Estimated Project Cost (\$) | Potential Funding Sources and Amount | Cost/ Structure removed | Consideration of Nature based Solution (Y/N) | Negative Impact (Y/N) | Negative Impact Mitigation (Y/N) | Water Supply Benefit (Y/N) | RFPG Recommend ation (Y/N) | Reason for Recommendation |
|-----------|----------|----------------------------|-------------------------|--|--------------------------------|---|-------------------------------|--|-----------------------------|---|-------------------------------------|----------------------------------|------------------------------|
| 042000036 | Longview | Longview | No | 0 | 0 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000037 | Longview | Longview | No | 0 | 0 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000038 | Longview | Longview | No | 0 | 0 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000039 | Longview | Longview | No | 100000 | 100000 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000041 | Longview | Longview | No | 10000 | 10000 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000042 | Hideaway | Hideaway | No | 10500 | 10500 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |

| FMS ID | RFPG No. | RFPG Name | FMS Name | Description | Associated Goals (ID) | Counties | HUC8s | HUC12s | Watershed Name | Project Type | Strategy Project Area (sqmi) | Flood Risk Type |
|-----------|----------|-----------|--|---|--------------------------|---------------------------|----------|---|----------------|--|---------------------------------|-----------------|
| 042000043 | 4 | Sabine | City of Hideaway Floodplain Development Regulations | Mandate 2 FT Freeboard on Hideaway Lakes Dams | 04000009, 04000018 | Smith | 12010002 | 120100020102 | Middle Sabine | Regulatory and Guidance | 2.42082477 | Riverine |
| 042000044 | 4 | Sabine | City of Hideaway Flood Awareness Program | Public Awareness of Evacuation Routes from rising water from dam failure. | 04000009 | Smith | 12010002 | 120100020102 | Middle Sabine | Education and Outreach | 2.42082477 | Riverine |
| 042000045 | 4 | Sabine | City of Hideaway Dam Reliability Program | The city will remove trees from earthen dams on hideaway lakes #2 and #3 to mitigate erosion and assist with soil adhesion. | 04000011 | Smith | 12010002 | 120100020102 | Middle Sabine | Other | 2.42082477 | Riverine |
| 042000046 | 4 | Sabine | City of Winona Flood Awareness Program | Conduct public outreach to homeowners and residents on flood mitigation measures for their residents. | 04000009 | Smith | 12010002 | 120100020107, 120100020303 | Middle Sabine | Education and Outreach | 1.5506897 | Riverine |
| 042000047 | 4 | Sabine | City of Royse City Floodplain Management Ordinances | Update Flood Prevention ordinance, adopting a "no-rise" in Base Flood Elevation in the 100-year floodplain. | 04000009, 04000018 | Rockwall, Collin, Hunt | 12010001 | 120100010202, 120100010301, 120100010302 | Upper Sabine | Regulatory and Guidance | 18.35892296 | Riverine |
| 042000048 | 4 | Sabine | City of Royse City "StormReady" Program | Achieve certification by the National Weather Service as a "StormReady" Community. | 04000009, 04000018 | Rockwall, Collin, Hunt | 12010001 | 120100010202, 120100010301, 120100010302 | Upper Sabine | Regulatory and Guidance | 18.35892296 | Riverine |
| 042000049 | 4 | Sabine | City of Como Flood Awareness Program | Disseminate PSA's, Newspaper Articles through local media about dangers of flooded county roads and to "Turn Around; Don't Drown." | 04000009 | Hopkins | 12010003 | 120100030201 | Lake Fork | Education and Outreach | 1.10377705 | Riverine |
| 042000050 | 4 | Sabine | City of Cumby Flood Awareness Program | Develop and implement the "Turn Around, Don't Drown Program" | 04000009 | Hopkins | 12010003 | 120100030101, 120100030104 | Lake Fork | Education and Outreach | 0.95927233 | Riverine |
| 042000051 | 4 | Sabine | City of Cumby Flood Awareness Program | Disseminate PSA's, Newspaper Articles through local media about dangers of flooded county roads | 04000009 | Hopkins | 12010003 | 120100030101, 120100030104 | Lake Fork | Education and Outreach | 0.95927233 | Riverine |
| 042000052 | 4 | Sabine | City of Marshall Property Acquisition Program | Encourage development of acquisition and management strategies to preserve open space for flood mitigation and water quality in the floodplain. | 04000005 | Harrison | 12010002 | 120100020703, 120100020701, 120100020702, 120100020704 | Middle Sabine | Property Acquisition and Structural Elevation | 29.54636765 | Riverine |

| FMS ID | Sponsor | Entities with Oversight | Emergency Need (Y/N) | Nonrecurring, Noncapital Cost (\$) | Estimated Project Cost (\$) | Potential Funding Sources and Amount | Cost/ Structure removed | Consideration of Nature based Solution (Y/N) | Negative Impact (Y/N) | Negative Impact Mitigation (Y/N) | Water Supply Benefit (Y/N) | RFPG Recommend ation (Y/N) | Reason for Recommendation |
|-----------|------------|----------------------------|-------------------------|--|--------------------------------|---|-------------------------------|--|-----------------------------|---|-------------------------------------|----------------------------------|------------------------------|
| 042000043 | Hideaway | Hideaway | No | 10000 | 10000 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000044 | Hideaway | Hideaway | No | 10500 | 10500 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000045 | Hideaway | Hideaway | No | 60000 | 60000 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000046 | Winona | Winona | No | 104000 | 104000 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000047 | Royse City | Royse City | No | 10000 | 10000 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000048 | Royse City | Royse City | No | 10000 | 10000 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000049 | Como | Como | No | 10000 | 10000 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000050 | Cumby | Cumby | No | 0 | 0 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000051 | Cumby | Cumby | No | 11500 | 11500 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |
| 042000052 | Marshall | Marshall | No | 50000 | 50000 | Yes \$0 | 0 | No | No | Non- Structural | No | Yes | Aligns with RFPG Goals |

APPENDIX 5-C
ONE PAGE SUMMARIES



REGION 4

SABINE

REGIONAL FLOOD PLANNING GROUP

Title Orange County Drainage Improvements at Kinard Estates Study

ID# 041000050 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type Projec

Project Planning County Orange

Study description First-time sewer service, detention pond, and other drainage improvements to reduce flooding and environmental impacts.

FME to create new H&H model? No

Emergency Need? Yes

Anticipated models in near term? Yes

Drainage area (sq. mi., est.) 371

Goal(s)

100-Year Flood Risk Summary

Population at risk 26,881

of structures 16,974

of critical facilities 276

Flood risk type: Riverine? Yes

Coastal? Yes

Local Flooding? No

Other? No

Farm/Ranch land impacted (ac.)

17,171

Roadways impacted (miles)

364

of low water crossings

22

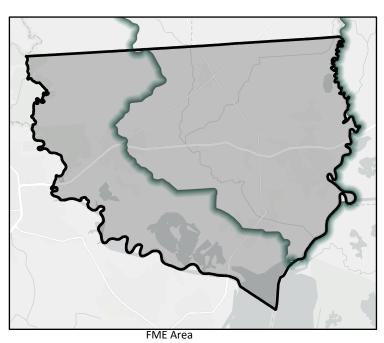
of historical road closures

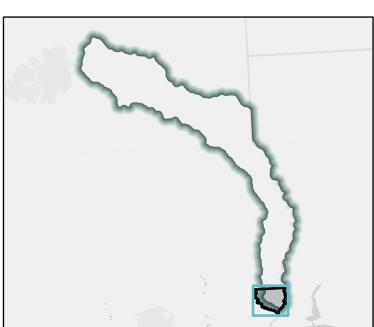
22

Estimated Cost and Funding Availability

Total Cost \$250,000 Potential federal funding availability?

Potential Federal Funding Sources





Regional view of FME area

REGION 4

SABINE

REGIONAL FLOOD PLANNING GROUP

Title Jasper County Flood Hazard Mapping

ID# 041000060 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type Watershed

Watershed Planning County Jasper

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

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? Yes

Drainage area (sq. mi., est.) 966

Goal(s)

100-Year Flood Risk Summary

Population at risk 1,739

of structures 945

of critical facilities 15

Flood risk type: Riverine? Yes

Coastal? No

Local Flooding? No

Other? No

Farm/Ranch land impacted (ac.)

2

Roadways impacted (miles)

67

railii/ Kalicii ialiu iliipacteu (ac.)

2

, , ,

of low water crossings

5

of historical road closures

5

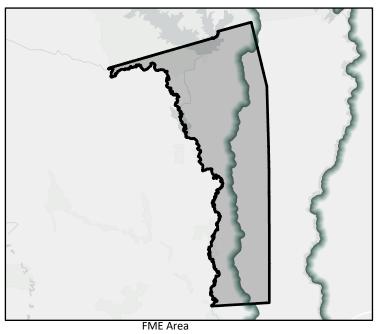
Estimated Cost and Funding Availability

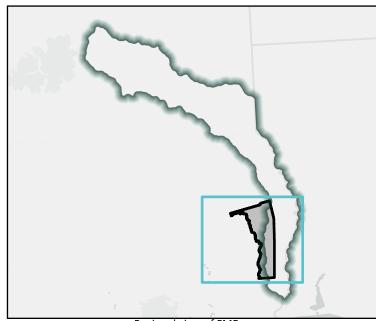
Total \$700,000

Potential federal funding availability?

tv? Yes

Potential Federal Funding Sources





REGION 4

CARIN

REGIONAL FLOOD PLANNING GROUP

Title Newton County Flood Hazard Mapping

ID# 041000002 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type Watershed Planning County Newton, Sabine

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

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.) 936

Goal(s)

100-Year Flood Risk Summary

of critical facilities 324 Population at risk 2,585 # of structures 3,237

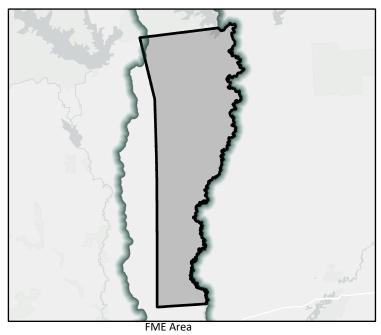
Local Flooding? No Flood risk type: Riverine? Yes Coastal? Other? No

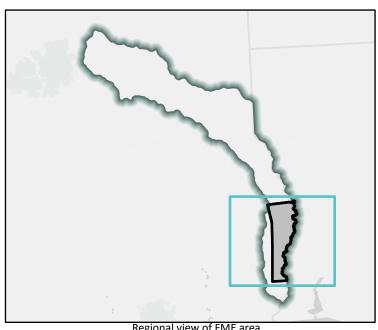
Farm/Ranch land impacted (ac.) 8,621 Roadways impacted (miles) 152 10

of low water crossings 10 # of historical road closures

Estimated Cost and Funding Availability

Potential federal Potential Federal \$2,340,000 funding availability? Yes **Funding Sources** Cost





REGION 4

SABINE

REGIONAL FLOOD PLANNING GROUP

Title Newton County Flood and Drainage Study

ID# 041000049 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type Project Planning County Newton, Jasper

Study description Reconstructing bridges and culverts in a major drainage basin flowing into the Sabine River in Newton County.

FME to create new H&H model? No Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.) 159

Goal(s)

100-Year Flood Risk Summary

Population at risk 249 # of structures 260 # of critical facilities 17

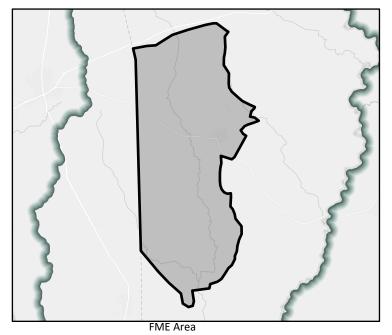
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

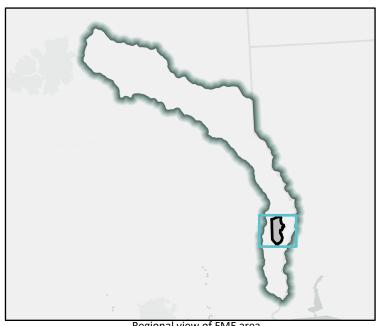
Farm/Ranch land impacted (ac.) 892 Roadways impacted (miles) 19

of low water crossings 5 # of historical road closures 5

Estimated Cost and Funding Availability

Total Cost \$600,000 Potential federal funding availability? Yes Potential Federal Funding Sources 0





Regional view of FME area

REGION 4

SABINE

REGIONAL FLOOD PLANNING GROUP

Title Smith County Flood Hazard Mapping

ID# 041000003 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

on for Aligns with RFPG Goals

Study Details

Study type Watershed Planning County Smith, Van Zandt, Rains, Wood

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

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? No Drainage area (sq. mi., est.) 946

Goal(s)

100-Year Flood Risk Summary

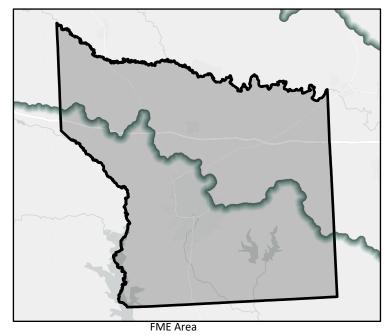
Population at risk 1,990 # of structures 1,303 # of critical facilities 7

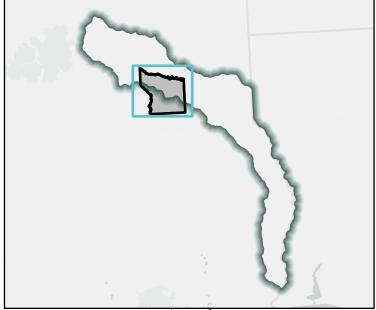
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) 10,559 Roadways impacted (miles) 61
of low water crossings 0 # of historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$4,275,000 Potential federal funding availability? Yes Funding Sources 0





Regional view of FME area

REGION 4

REGIONAL FLOOD PLANNING GROUP

Title Smith County Drainage Master Plan

ID# 041000004 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type

Watershed Planning

County Smith, Van Zandt, Rains, Wood

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

Emergency Need? Yes

Anticipated models in near term? No

Drainage area (sq. mi., est.) 946

Goal(s)

100-Year Flood Risk Summary

FME to create new H&H model? Yes

Population at risk 1,990

of structures 1,303

of critical facilities 7

Flood risk type: Riverine? Yes

Coastal?

Local Flooding? No

Other? No

Farm/Ranch land impacted (ac.)

10,559

Roadways impacted (miles)

61

of low water crossings

0

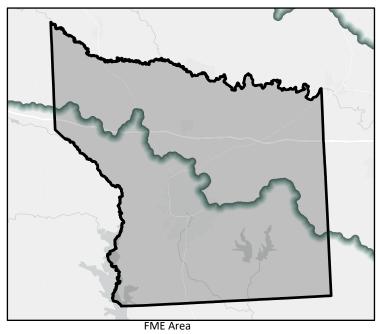
of historical road closures

Estimated Cost and Funding Availability

\$1,900,000 Cost

Potential federal funding availability?

Potential Federal **Funding Sources**





REGION 4

SABINE

REGIONAL FLOOD PLANNING GROUP

Title Gregg County Flood Hazard Mapping

ID# 041000058 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type Watershed Planning County Gregg

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

FME to create new H&H model? Yes Emergency Need? No Anticipated models in near term? No Drainage area (sq. mi., est.) 274

Goal(s)

100-Year Flood Risk Summary

Population at risk 11,464 # of structures 2,182 # of critical facilities 26

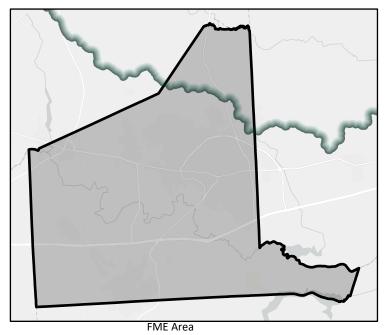
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

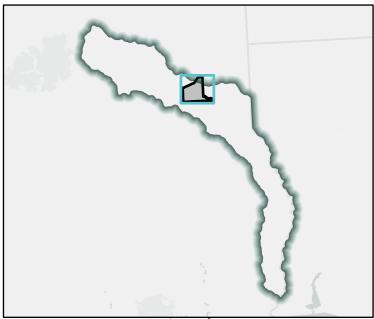
Farm/Ranch land impacted (ac.) 1 Roadways impacted (miles) 86

of low water crossings 1 # of historical road closures

Estimated Cost and Funding Availability

Total Cost \$2,200,000 Potential federal funding availability? Yes Funding Sources 0





Regional view of FME area

REGION 4

SABINE

REGIONAL FLOOD PLANNING GROUP

Title Harrison County Flood Hazard Mapping

ID# 041000005 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type Watershed Planning County Panola, Harrison

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

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? No

Drainage area (sq. mi., est.) 912

Goal(s)

100-Year Flood Risk Summary

Population at risk 5,221 # of structures 1,086 # of critical facilities 3

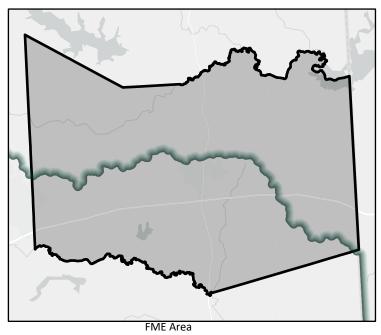
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

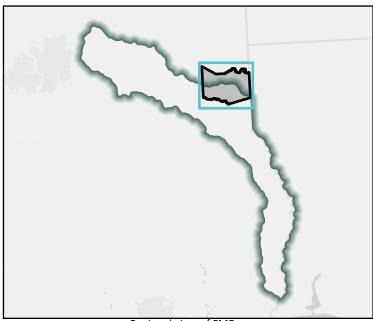
Farm/Ranch land impacted (ac.) 9,144 Roadways impacted (miles) 82

of low water crossings 2 # of historical road closures

Estimated Cost and Funding Availability

Total Cost \$1,850,000 Potential federal funding availability? Yes Potential Federal Funding Sources 0





REGION 4

SABINE

REGIONAL FLOOD PLANNING GROUP

Title Van Zandt County Flood Hazard Mapping

ID# 041000006 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type Watershed Planning County Van Zandt, Rains, Hunt

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

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? No Drainage area (sq. mi., est.) 856

Goal(s)

100-Year Flood Risk Summary

Population at risk 1,471 # of structures 1,080 # of critical facilities 13

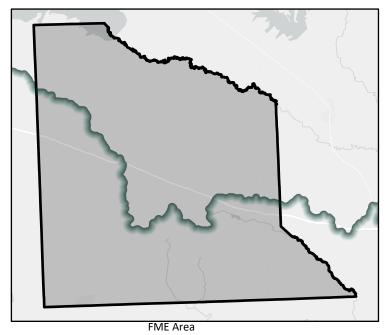
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) 26,372 Roadways impacted (miles) 79

of low water crossings 9 # of historical road closures

Estimated Cost and Funding Availability

Total Cost \$2,230,000 Potential federal funding availability? Yes Funding Sources 0





Regional view of FME area

REGION 4

REGIONAL FLOOD PLANNING GROUP

Title Upshur County Drainage Master Plan

ID# 041000007 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type

Watershed Planning

County Smith, Wood, Upshur

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

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? No

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

Goal(s)

100-Year Flood Risk Summary

Population at risk 281

of structures 328

of critical facilities 0

Flood risk type: Riverine? Yes

Coastal?

Local Flooding? No

Other? No

Farm/Ranch land impacted (ac.)

4,148

Roadways impacted (miles)

28

of low water crossings

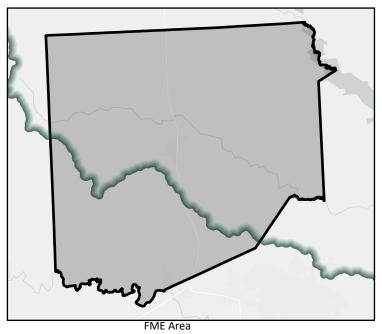
of historical road closures

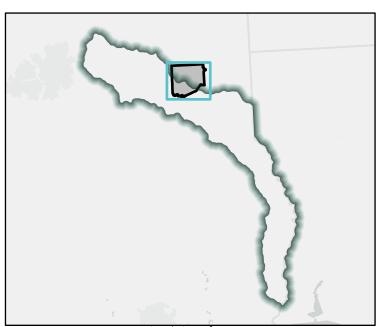
Estimated Cost and Funding Availability

\$200,000 Cost

Potential federal funding availability?

Potential Federal **Funding Sources**





REGION 4

SABINE

REGIONAL FLOOD PLANNING GROUP

Title Sabine County Flood Hazard Mapping

ID# 041000008 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type Watershed Planning County Sabine

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

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? No Drainage area (sq. mi., est.) 574

Goal(s)

100-Year Flood Risk Summary

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

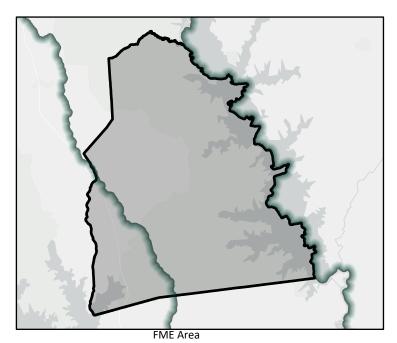
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

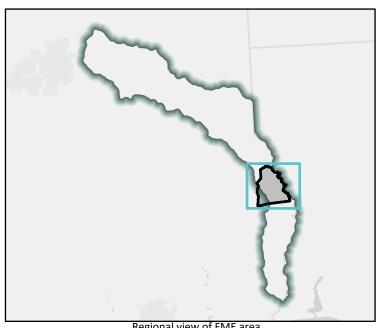
Farm/Ranch land impacted (ac.) 2,311 Roadways impacted (miles) 33

of low water crossings 6 # of historical road closures 6

Estimated Cost and Funding Availability

Total Cost \$1,100,000 Potential federal funding availability? Yes Potential Federal Funding Sources 0





Regional view of FME area

REGION 4

SARIN

REGIONAL FLOOD PLANNING GROUP

Title Sabine County Drainage Master Plan

ID# 041000009 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type

Watershed Planning

County Sabine

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

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? No

Drainage area (sq. mi., est.) 574

Goal(s)

100-Year Flood Risk Summary

Population at risk 762

of structures 1,611

of critical facilities 0

Flood risk type: Riverine? Yes

Coastal?

Local Flooding? No

Other? No

Farm/Ranch land impacted (ac.)

2,311

Roadways impacted (miles)

33

of low water crossings

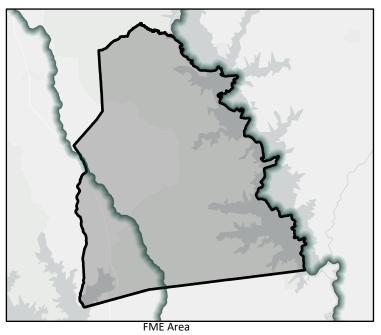
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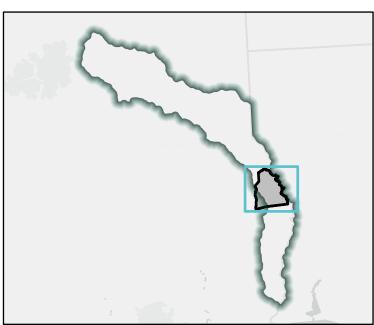
of historical road closures

Estimated Cost and Funding Availability

\$460,000 Cost

Potential federal funding availability? Yes Potential Federal **Funding Sources**





Regional view of FME area

REGION 4

SABINE

REGIONAL FLOOD PLANNING GROUP

Title San Augustine County Flood Hazard Mapping

ID# 041000010 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type Watershed Planning County San Augustine, Shelby

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

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? No Drainage area (sq. mi., est.) 590

Goal(s)

100-Year Flood Risk Summary

Population at risk 0 # of structures 1 # of critical facilities 0

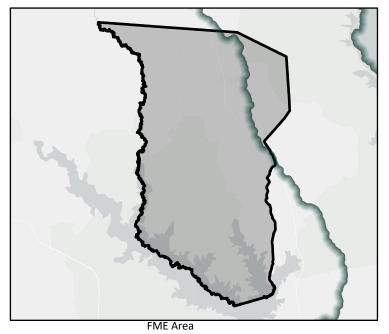
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) 346 Roadways impacted (miles)

of low water crossings 0 # of historical road closures

Estimated Cost and Funding Availability

Total Cost \$100,000 Potential federal funding availability? Yes Funding Sources 0





REGION 4

SARIN

REGIONAL FLOOD PLANNING GROUP

Title San Augustine County Drainage Master Plan

ID# 041000011

Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type

Watershed Planning

County San Augustine, Shelby

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

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? No

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

Goal(s)

100-Year Flood Risk Summary

of critical facilities 0 Population at risk 0 # of structures 1

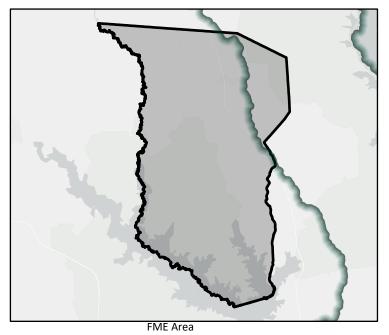
Local Flooding? No Flood risk type: Riverine? Yes Coastal? Other? No

Farm/Ranch land impacted (ac.) 346 Roadways impacted (miles) 2

of low water crossings 0 # of historical road closures

Estimated Cost and Funding Availability

Potential federal Potential Federal \$50,000 funding availability? Yes **Funding Sources** Cost





Regional view of FME area

REGION 4

SABINE

REGIONAL FLOOD PLANNING GROUP

Title Shelby County Flood Hazard Mapping

ID# 041000012 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type Watershed Planning County Rusk, Panola, Shelby

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

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? No

Drainage area (sq. mi., est.) 831

Goal(s)

100-Year Flood Risk Summary

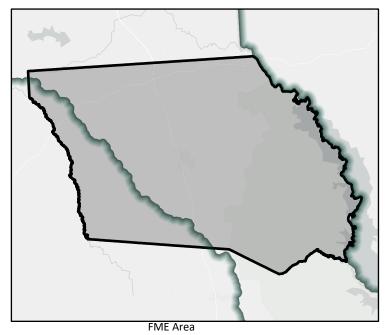
Population at risk 225 # of structures 800 # of critical facilities 0

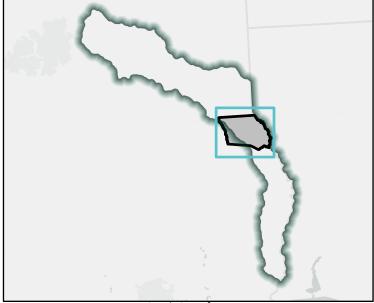
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) 9,764 Roadways impacted (miles) 49
of low water crossings 3 # of historical road closures 3

Estimated Cost and Funding Availability

Total Cost \$375,500 Potential federal funding availability? Potential Federal Funding Sources 0





REGION 4

SABINE

REGIONAL FLOOD PLANNING GROUP

Title Rusk County Flood Hazard Mapping

ID# 041000013 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type Watershed Planning County Rusk, Smith, Gregg

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

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? No

Drainage area (sq. mi., est.) 935

Goal(s)

100-Year Flood Risk Summary

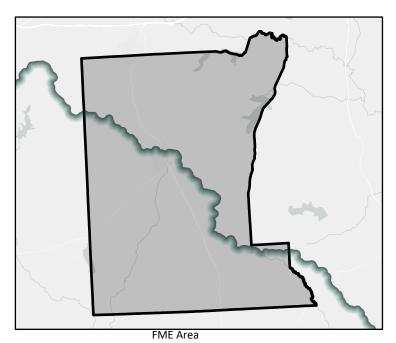
Population at risk 1,374 # of structures 899 # of critical facilities 2

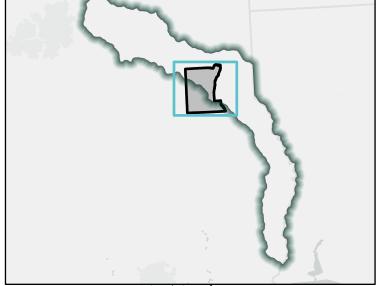
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) 13,283 Roadways impacted (miles) 55
of low water crossings 5 # of historical road closures 5

Estimated Cost and Funding Availability

Total Cost \$1,850,000 Potential federal funding availability? Yes Funding Sources 0





REGION 4

SABINE

REGIONAL FLOOD PLANNING GROUP

Title Panola County Flood Hazard Mapping

ID# 041000014 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type Watershed Planning County Panola

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

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? No Drainage area (sq. mi., est.) 818

Goal(s)

100-Year Flood Risk Summary

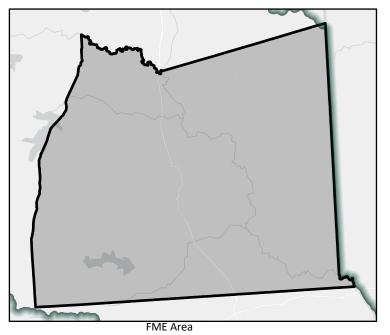
Population at risk 1,416 # of structures 750 # of critical facilities 2

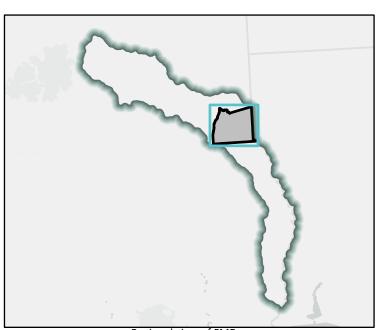
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) 24,459 Roadways impacted (miles) 119
of low water crossings 10 # of historical road closures 10

Estimated Cost and Funding Availability

Total Sample Potential federal Founding Sources Funding Sources





REGION 4

REGIONAL FLOOD PLANNING GROUP

Title Panola County Drainage Master Plan

ID# 041000015 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type

Watershed Planning

County Panola

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

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? No

Drainage area (sq. mi., est.) 818

Goal(s)

100-Year Flood Risk Summary

Population at risk 1,416

of structures 750

of critical facilities 2

Flood risk type: Riverine? Yes

Coastal?

Local Flooding? No

Other? No

Farm/Ranch land impacted (ac.)

24,459

Roadways impacted (miles)

119

of low water crossings

10

of historical road closures

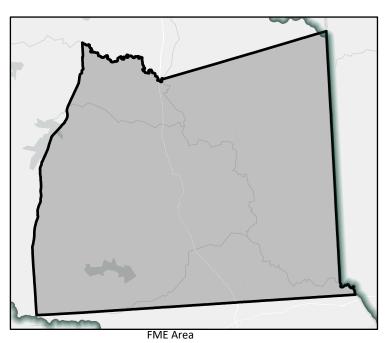
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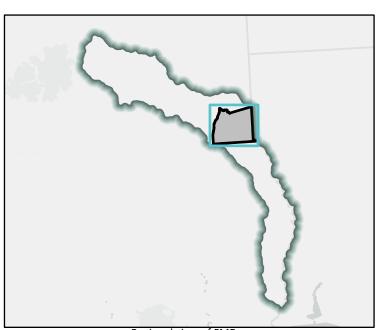
Estimated Cost and Funding Availability

\$1,700,000 Cost

Potential federal funding availability? Yes

Potential Federal **Funding Sources**





REGION 4

SABINE

REGIONAL FLOOD PLANNING GROUP

Title Wood County Flood Hazard Mapping

ID# 041000018 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type Watershed Planning County Smith, Van Zandt, Rains, Wood

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

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? No Drainage area (sq. mi., est.) 693

Goal(s)

100-Year Flood Risk Summary

Population at risk 1,773 # of structures 1,546 # of critical facilities 7

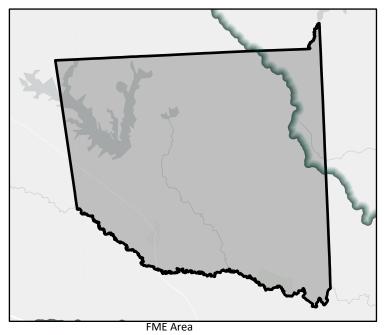
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

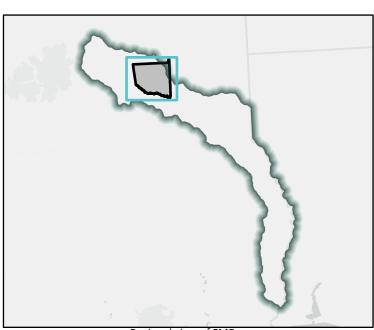
Farm/Ranch land impacted (ac.) 18,534 Roadways impacted (miles) 105

of low water crossings 1 # of historical road closures

Estimated Cost and Funding Availability

Total Cost \$3,200,000 Potential federal funding availability? Yes Funding Sources





REGION 4

REGIONAL FLOOD PLANNING GROUP

Title Hopkins County Flood Hazard Mapping

ID# 041000019 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type County Wood, Hopkins, Franklin Watershed Planning

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

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? No

Drainage area (sq. mi., est.) 791

Goal(s)

100-Year Flood Risk Summary

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

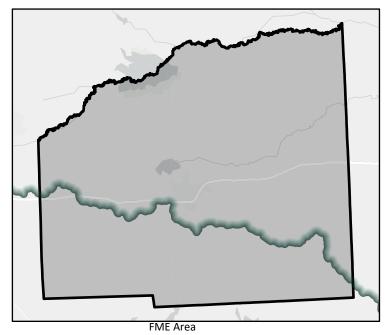
Coastal? Local Flooding? No Flood risk type: Riverine? Yes Other? No

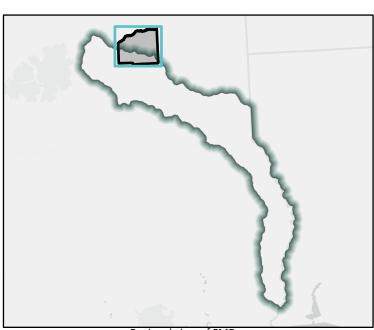
Farm/Ranch land impacted (ac.) 13,195 Roadways impacted (miles) 48

of low water crossings 5 # of historical road closures

Estimated Cost and Funding Availability

Potential federal Potential Federal \$1,550,000 funding availability? **Funding Sources** Cost





REGION 4

CARIN

REGIONAL FLOOD PLANNING GROUP

Title Hunt County Flood Hazard Mapping

ID# 041000059 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type Watershed Planning County Hunt

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

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? No

Drainage area (sq. mi., est.) 879

Goal(s)

100-Year Flood Risk Summary

of critical facilities 45 Population at risk 5,968 # of structures 2,297

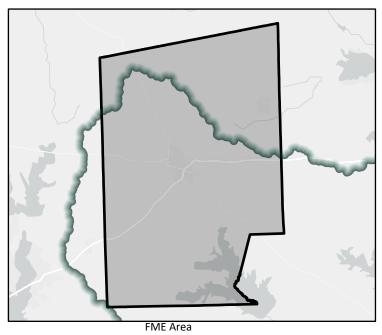
Coastal? Local Flooding? No Flood risk type: Riverine? Yes Other? No

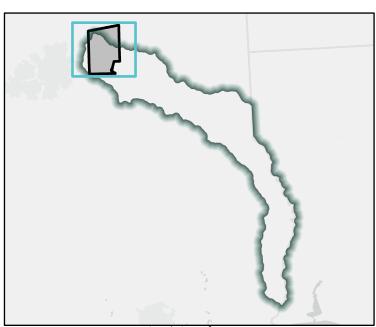
Farm/Ranch land impacted (ac.) 6 Roadways impacted (miles) 137 # of low water crossings

10 # of historical road closures 10

Estimated Cost and Funding Availability

Potential federal Potential Federal \$4,000,000 funding availability? **Funding Sources** Cost





REGION 4

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

ID# 041000042 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals



Study Details

Study type

Project Planning

County Orange

Study description H&H Study and Modeling for Feasibility Assessment

of Dredging of Segments of Adams Bayou

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? Yes

Drainage area (sq. mi., est.) 146

Goal(s)

100-Year Flood Risk Summary

Population at risk 18,428

of structures 10,571

of critical facilities 306

Flood risk type: Riverine? Yes

Coastal?

Local Flooding? No

Other? No

Farm/Ranch land impacted (ac.)

9,260

Roadways impacted (miles)

240

,

.

of low water crossings

15

of historical road closures

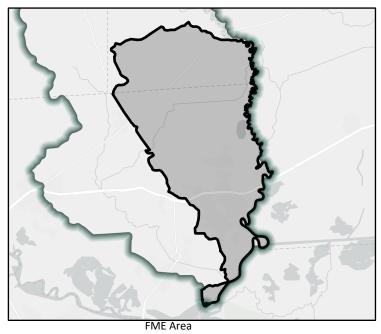
15

Estimated Cost and Funding Availability

Total Cost \$2,000,000 Potential federal

funding availability? Yes

Potential Federal Funding Sources





Regional view of FME area

22 of 63

REGION 4

Title Feasibility Assessment and Conceptual Design of Dredging of Segments of Little Cypress Bayou

ID# 041000044

Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals



Study Details

Study type

Project Planning

County Orange

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

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? Yes

Drainage area (sq. mi., est.) 146

Goal(s)

100-Year Flood Risk Summary

Population at risk 18,428

of structures 10,571

of critical facilities 306

Flood risk type: Riverine? Yes

Coastal?

Local Flooding? No

Other? No

Farm/Ranch land impacted (ac.)

9,260

Roadways impacted (miles)

240

of low water crossings

15

of historical road closures

15

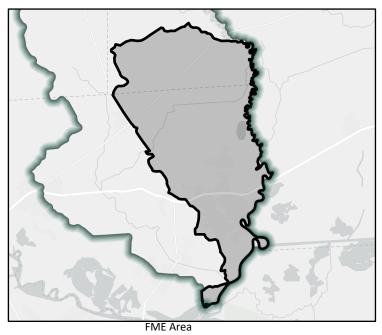
Estimated Cost and Funding Availability

\$1,000,000 Cost

Potential federal

funding availability? Yes

Potential Federal **Funding Sources**





Regional view of FME area

23 of 63

REGION 4

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

ID# 041000046 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals



Study Details

Study type

Project Planning

County Orange

Study description H&H Study and Modeling for Determination of Need and Feasibility Assessment for Increase in Size of Culverts and Railroad Trestles on

Major Drainage Structures Throughout Orange County

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? Yes

Drainage area (sq. mi., est.) 371

Goal(s)

100-Year Flood Risk Summary

Population at risk 26,881

of structures 16,974

of critical facilities 276

Flood risk type: Riverine? Yes

Coastal?

Local Flooding? No

Other? No

Farm/Ranch land impacted (ac.)

17,171

Roadways impacted (miles)

364

of low water crossings

22

of historical road closures

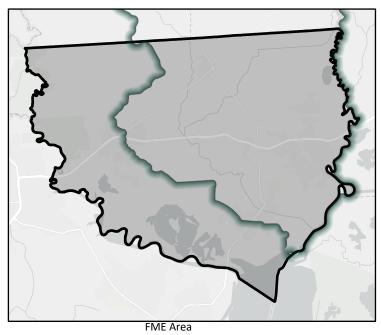
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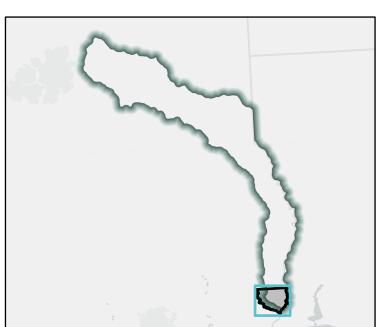
Estimated Cost and Funding Availability

\$500,000 Cost

Potential federal funding availability?

Potential Federal **Funding Sources**





Regional view of FME area

REGION 4

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

ID# 041000047

Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals



Study Details

Study type

Project Planning

County Orange

Study description H&H Study and Modeling for Determination of Need and Feasibility Assessment of the Capacity of Drainage Ditches and Channels that

Convey Stormwater from Neighborhoods Located Within Orange County

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? Yes

Drainage area (sq. mi., est.) 371

Goal(s)

100-Year Flood Risk Summary

Population at risk 26,881

of structures 16,974

of critical facilities 276

Flood risk type: Riverine? Yes

Coastal?

Local Flooding? No

Other? No

Farm/Ranch land impacted (ac.)

17,171

Roadways impacted (miles)

364

of low water crossings

22

of historical road closures

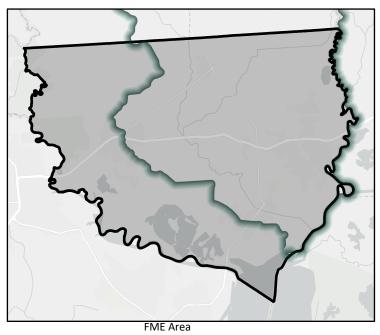
22

Estimated Cost and Funding Availability

\$1,000,000 Cost

Potential federal funding availability?

Potential Federal **Funding Sources**





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REGION 4

SABINE

REGIONAL FLOOD PLANNING GROUP

Title Adams Bayou Detention Ponds Study

ID# 041000052 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

or
Aligns with RFPG Goals

Study Details

Study type Project Planning County Orange

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

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

Goal(s)

100-Year Flood Risk Summary

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

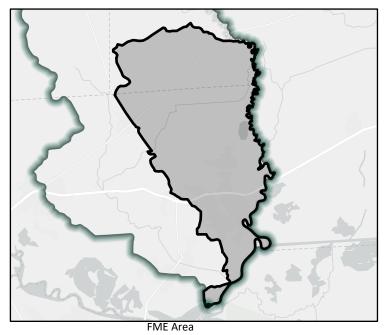
Flood risk type: Riverine? Yes Coastal? Yes Local Flooding? No Other? No

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

of low water crossings 15 # of historical road closures 15

Estimated Cost and Funding Availability

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





REGION 4

SARINE

REGIONAL FLOOD PLANNING GROUP

Title Cole Creek Detention Ponds Study

ID# 041000053 Sponsor

Recommended by RFPG? Yes

Reason for Aligns with RFPG Goals Recommendation

Study Details

Study type **Project Planning**

County Orange

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

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? Yes

Drainage area (sq. mi., est.) 119

Goal(s)

100-Year Flood Risk Summary

Population at risk 10,805

of structures 7,655

of critical facilities 7

Flood risk type: Riverine? Yes

Coastal?

Local Flooding? No

Other? No

Farm/Ranch land impacted (ac.)

9,437

Roadways impacted (miles)

156

of low water crossings

7

of historical road closures

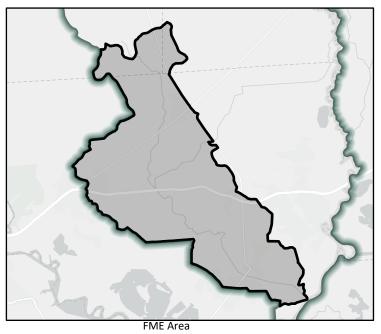
Estimated Cost and Funding Availability

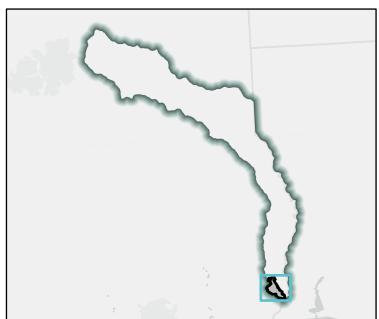
\$600,000 Cost

Potential federal

funding availability? Yes

Potential Federal **Funding Sources**





Regional view of FME area

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REGION 4

SABINE

REGIONAL FLOOD PLANNING GROUP

Title Cow Bayou Detention Ponds Study

ID# 041000054 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type Project Planning County Orange

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

FME to create new H&H model? Yes Emergency Need? Yes

Anticipated models in near term? Yes

Drainage area (sq. mi., est.) 119

Goal(s)

100-Year Flood Risk Summary

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

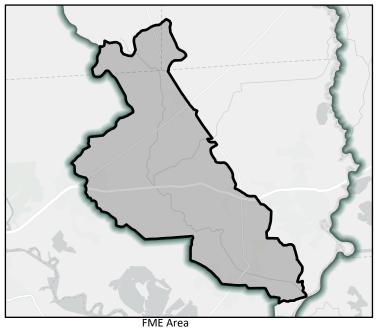
Flood risk type: Riverine? Yes Coastal? Yes Local Flooding? No Other? No

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

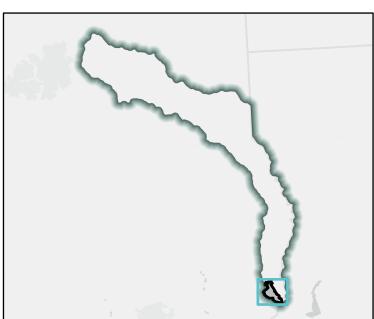
of low water crossings 7 # of historical road closures

Estimated Cost and Funding Availability

Total Cost \$600,000 Potential federal funding availability? Yes Potential Federal Funding Sources 0







REGION 4

SABINE

REGIONAL FLOOD PLANNING GROUP

Title Terry Bayou Detention Ponds Study

ID# 041000057 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type Project Planning County Orange

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

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

Goal(s)

100-Year Flood Risk Summary

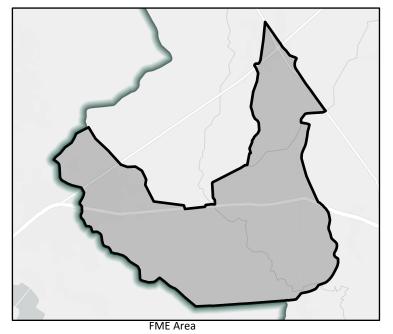
Population at risk 3,541 # of structures 2,444 # of critical facilities 0

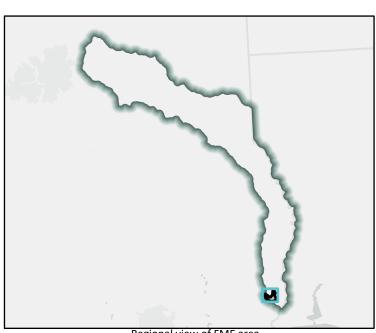
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) 3,308 Roadways impacted (miles) 55
of low water crossings 1 # of historical road closures 1

Estimated Cost and Funding Availability

Total Cost \$600,000 Potential federal funding availability? Yes Potential Federal Funding Sources 0





REGION 4

CARINE

REGIONAL FLOOD PLANNING GROUP

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

ID# 041000043 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type

Project Planning

County Orange

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

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? Yes

Drainage area (sq. mi., est.) 119

Goal(s)

100-Year Flood Risk Summary

Population at risk 10,805

of structures 7,655

of critical facilities 7

Flood risk type: Riverine? Yes

Coastal?

Local Flooding? No

Other? No

Farm/Ranch land impacted (ac.)

9,437

Roadways impacted (miles)

156

of low water crossings

7

of historical road closures

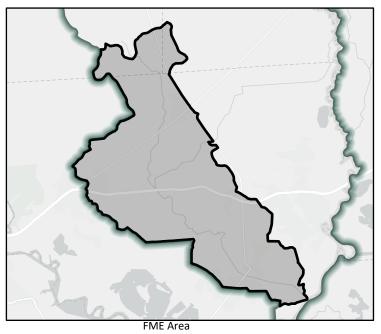
Estimated Cost and Funding Availability

\$600,000 Cost

Potential federal

funding availability? Yes

Potential Federal **Funding Sources**





Regional view of FME area

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REGION 4

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

ID# 041000045 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals



Study Details

Study type

Project Planning

County Orange

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

Claiborne Park

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? Yes

Drainage area (sq. mi., est.) 119

Goal(s)

100-Year Flood Risk Summary

Population at risk 10,805

of structures 7,655

of critical facilities 7

Flood risk type: Riverine? Yes

Coastal?

Local Flooding? No

Other? No

Farm/Ranch land impacted (ac.)

9,437

Roadways impacted (miles)

156

of low water crossings

7

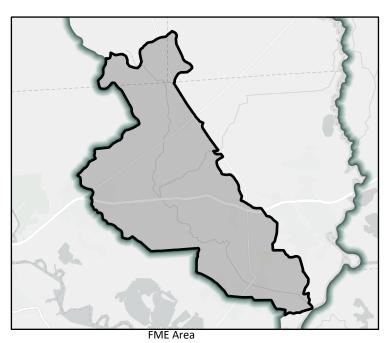
of historical road closures

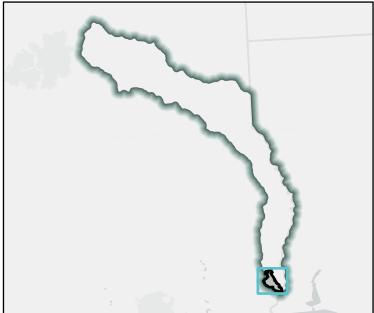
Estimated Cost and Funding Availability

\$600,000 Cost

Potential federal funding availability?

Potential Federal **Funding Sources**





REGION 4

SABINE

REGIONAL FLOOD PLANNING GROUP

Title Diversion Channel Cow Bayou Feasibility Study

ID# 041000062 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type Project Planning County Orange

Study description Diversion Channel Cow Bayou Feasibility Study

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? Yes

Drainage area (sq. mi., est.) 119

Goal(s)

100-Year Flood Risk Summary

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

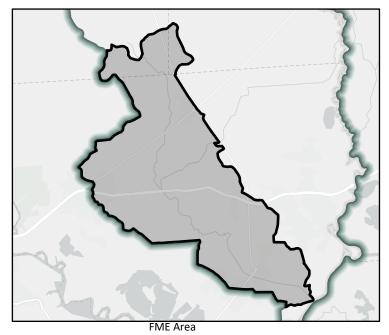
Flood risk type: Riverine? Yes Coastal? Yes Local Flooding? No Other? No

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

of low water crossings 7 # of historical road closures

Estimated Cost and Funding Availability

Total Cost \$5,209,500 Potential federal funding availability? Yes Potential Federal Funding Sources 0





REGION 4

SABINE

REGIONAL FLOOD PLANNING GROUP

Title Lawrence Road Detention Pond Feasibility Study

ID# 041000061 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type Project Planning County Orange

Study description Lawrence Road Detention Pond Feasibility Study

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? Yes

Drainage area (sq. mi., est.) 119

Goal(s)

100-Year Flood Risk Summary

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

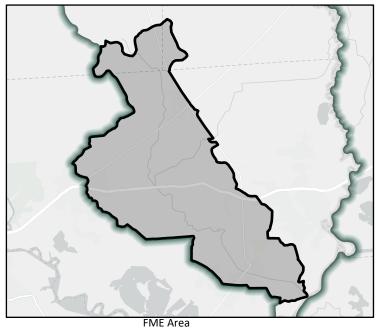
Flood risk type: Riverine? Yes Coastal? Yes Local Flooding? No Other? No

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

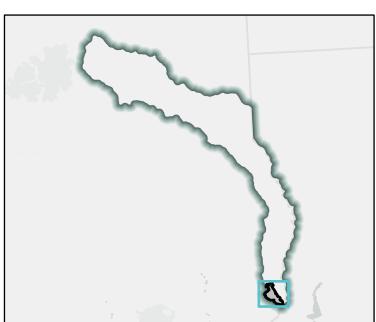
of low water crossings 7 # of historical road closures

Estimated Cost and Funding Availability

Total Cost \$400,000 Potential federal funding availability? Yes Potential Federal Funding Sources 0



ea Regional view of FME area



REGION 4

SABINE

REGIONAL FLOOD PLANNING GROUP

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

ID# 041000060 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type Project Planning County Orange

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

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

Goal(s)

100-Year Flood Risk Summary

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

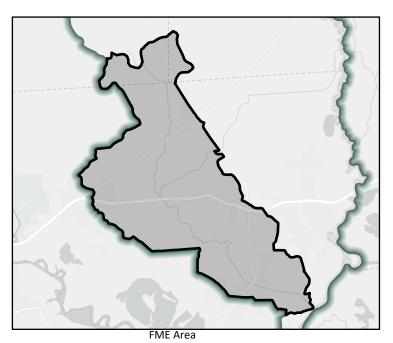
Flood risk type: Riverine? Yes Coastal? Yes Local Flooding? No Other? No

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

of low water crossings 7 # of historical road closures

Estimated Cost and Funding Availability

Total Cost \$500,000 Potential federal funding availability? Yes Potential Federal Funding Sources 0





REGION 4

SABINE

REGIONAL FLOOD PLANNING GROUP

Title Vidor Drainage Master Plan

Sponsor

Recommended by RFPG? Yes

Reason for Recommendation Align

Aligns with RFPG Goals

Study Details

ID# 041000020

Study type Waters

Watershed Planning County Orange

Study description Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? No

Drainage area (sq. mi., est.) 12

Goal(s)

100-Year Flood Risk Summary

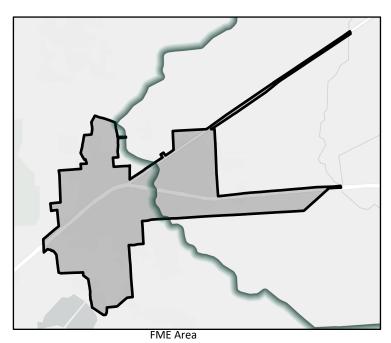
Population at risk 2,001 # of structures 1,154 # of critical facilities 0

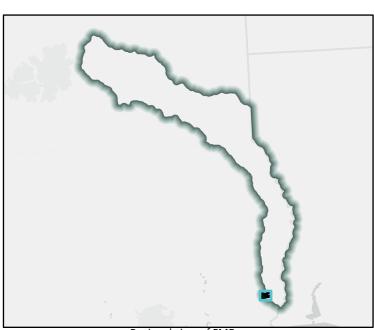
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) 58 Roadways impacted (miles) 26 # of low water crossings 0 # of historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$1,200,000 Potential federal funding availability? Yes Potential Federal Funding Sources 0





REGION 4

SABINE

REGIONAL FLOOD PLANNING GROUP

Title City of Canton Drainage Infrastructure Improvements Study

ID# 041000034 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type Project Planning County Van Zandt

Study description Increase drainage capacity; install french drains or elevate building and upgrade undersized pipe under state Hwy

FME to create new H&H model? No Emergency Need? No Anticipated models in near term? No Drainage area (sq. mi., est.) 6

Goal(s)

100-Year Flood Risk Summary

Population at risk 1,002 # of structures 231 # of critical facilities 12

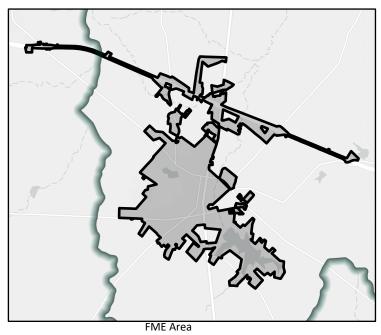
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

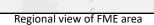
Farm/Ranch land impacted (ac.) 147 Roadways impacted (miles) 4

of low water crossings 2 # of historical road closures 2

Estimated Cost and Funding Availability

Total Cost \$300,000 Potential federal funding availability? Yes Potential Federal Funding Sources 0





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REGION 4

SABINE

REGIONAL FLOOD PLANNING GROUP

Title City of Fate Drainage Master Plan

ID# 041000021 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type Watershed Planning County Rockwall, Collin, Hunt

Study description Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.

FME to create new H&H model? Yes

Emergency Need? No

Anticipated models in near term? No

Drainage area (sq. mi., est.) 12

Goal(s)

100-Year Flood Risk Summary

Population at risk 128 # of structures 21 # of critical facilities 0

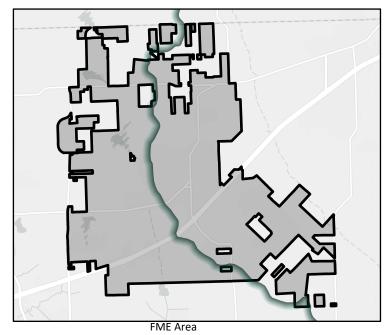
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

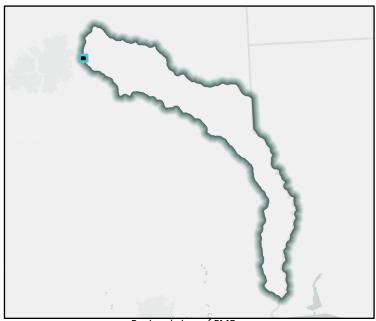
Farm/Ranch land impacted (ac.) 164 Roadways impacted (miles) 3

of low water crossings 1 # of historical road closures

Estimated Cost and Funding Availability

Total Cost \$450,000 Potential federal funding availability? Yes Potential Federal Funding Sources 0





REGION 4

SABINE

REGIONAL FLOOD PLANNING GROUP

Title City of Fate Culvert Improvement Study

ID# 041000048

Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type

Project Planning

County Rockwall, Collin, Hunt

Study description Culverts improvements to meet 100-YR fully developed conditions

FME to create new H&H model? Yes

Emergency Need? No

Anticipated models in near term? No

Drainage area (sq. mi., est.) 56

Goal(s)

100-Year Flood Risk Summary

Population at risk 694

of structures 295

of critical facilities 0

Flood risk type: Riverine? Yes

Coastal?

Local Flooding? No

Other? No

Farm/Ranch land impacted (ac.)

4,104

Roadways impacted (miles)

18

of low water crossings

12

of historical road closures

12

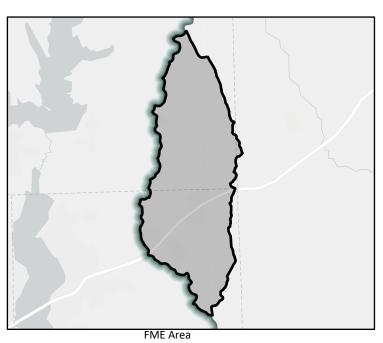
Estimated Cost and Funding Availability

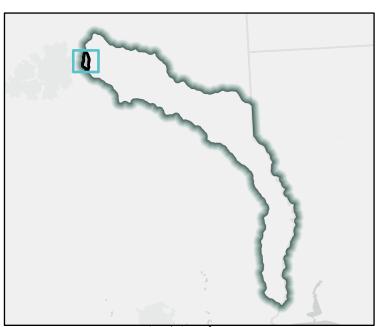
Total \$100,000

Potential federal

funding availability? Yes

Potential Federal Funding Sources





REGION 4

REGIONAL FLOOD PLANNING GROUP

Title Nevada Drainage Master Plan

ID# 041000022 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type County Rockwall, Collin, Hunt Watershed Planning

Study description Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.

FME to create new H&H model? Yes

Emergency Need? No

Anticipated models in near term? No

Drainage area (sq. mi., est.) 2

Goal(s)

100-Year Flood Risk Summary

Population at risk 3 # of critical facilities 0 # of structures 1

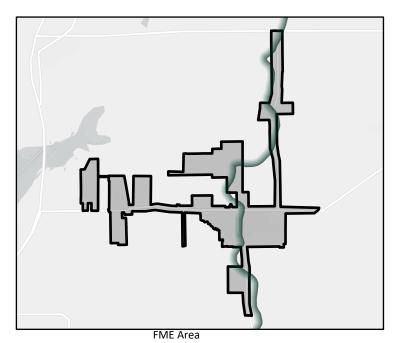
Coastal? Local Flooding? No Flood risk type: Riverine? Yes Other? No

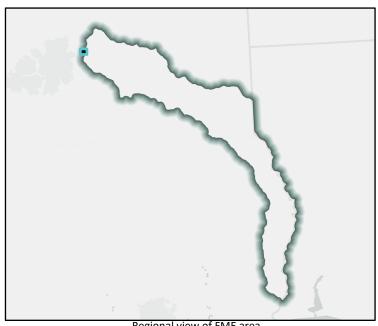
Farm/Ranch land impacted (ac.) 11 Roadways impacted (miles) 0

of low water crossings 0 # of historical road closures

Estimated Cost and Funding Availability

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





REGION 4

REGIONAL FLOOD PLANNING GROUP

Title City of Henderson Flood Instructure Improvements Study

ID# 041000037

Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type **Project Planning** County Rusk

Study description Replace riprap lining with a concrete lining to increase maintenance efficiency and flood protection.

FME to create new H&H model? No

Emergency Need? Yes

Anticipated models in near term? No

Drainage area (sq. mi., est.) 12

Goal(s)

100-Year Flood Risk Summary

of critical facilities 0 Population at risk 422 # of structures 27

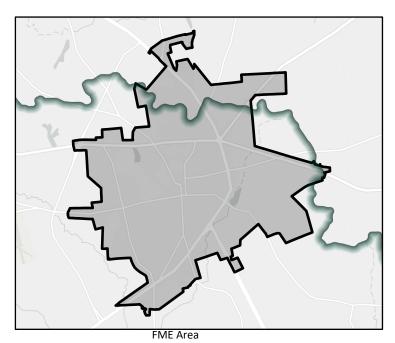
Coastal? Local Flooding? No Flood risk type: Riverine? Yes Other? No

Farm/Ranch land impacted (ac.) 15 Roadways impacted (miles) 0

of historical road closures # of low water crossings 0

Estimated Cost and Funding Availability

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





REGION 4

REGIONAL FLOOD PLANNING GROUP

Title City of Henderson Storm Drain Improvement Study

ID# 041000038 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type County Rusk **Project Planning**

Study description Install new storm drain system to address localized neighborhood drainage issues

FME to create new H&H model? No

Emergency Need? Yes

Anticipated models in near term? No

Drainage area (sq. mi., est.) 12

Goal(s)

100-Year Flood Risk Summary

of critical facilities 0 Population at risk 422 # of structures 27

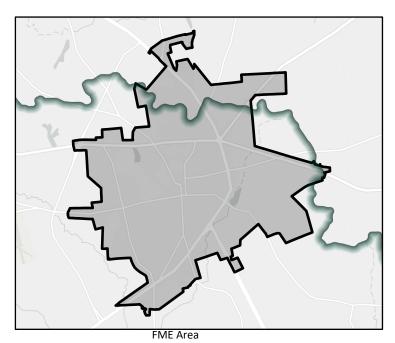
Coastal? Local Flooding? No Flood risk type: Riverine? Yes Other? No

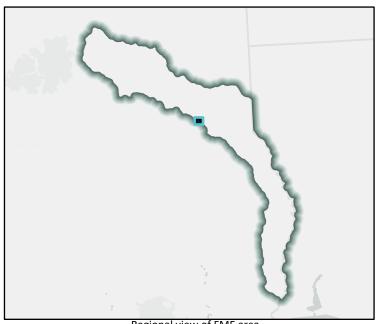
Farm/Ranch land impacted (ac.) 15 Roadways impacted (miles) 0

of low water crossings 0 # of historical road closures

Estimated Cost and Funding Availability

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





REGION 4

SABINE

REGIONAL FLOOD PLANNING GROUP

Title Longview Drainage Master Plan

ID# 041000025 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type Watershed Planning County Rusk, Gregg

Study description Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? No

Drainage area (sq. mi., est.) 56

Goal(s)

100-Year Flood Risk Summary

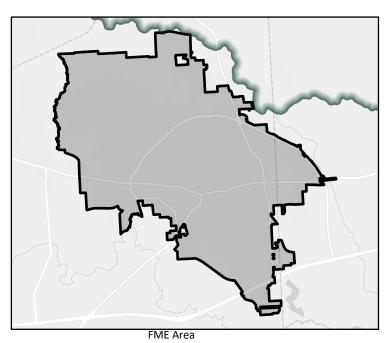
Population at risk 10,126 # of structures 1,379 # of critical facilities 9

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

Farm/Ranch land impacted (ac.) 295 Roadways impacted (miles) 41 # of low water crossings 0 # of historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$1,100,000 Potential federal funding availability? Yes Potential Federal Funding Sources 0





REGION 4

SABINE

REGIONAL FLOOD PLANNING GROUP

Title City of Longview Critical Facilities Flood Protection Study

ID# 041000039 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

r Aligns with RFPG Goals

Study Details

Study type Project Planning County Gregg

Study description Ensure that critical facilities owned by the jurisdiction are protected from flood.

FME to create new H&H model? No Emergency Need? Yes Anticipated models in near term? No Drainage area (sq. mi., est.) 56

Goal(s)

100-Year Flood Risk Summary

Population at risk 10,126 # of structures 1,379 # of critical facilities 9

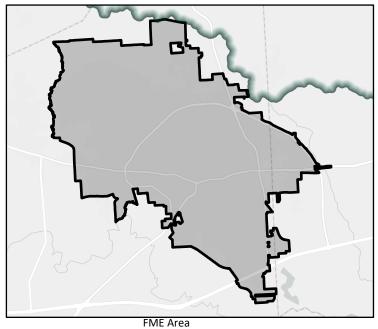
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) 295 Roadways impacted (miles) 41

of low water crossings 0 # of historical road closures 0

Estimated Cost and Funding Availability

Total Section 2015 Potential federal funding availability? Yes Potential Federal Funding Sources O





REGION 4

REGIONAL FLOOD PLANNING GROUP

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

Study Details

ID# 041000028

Title Marshall Drainage Master Plan

Sponsor

Study type County Harrison Watershed Planning

Study description Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.

FME to create new H&H model? Yes Emergency Need? No Anticipated models in near term? No Drainage area (sq. mi., est.) 30

Goal(s)

100-Year Flood Risk Summary

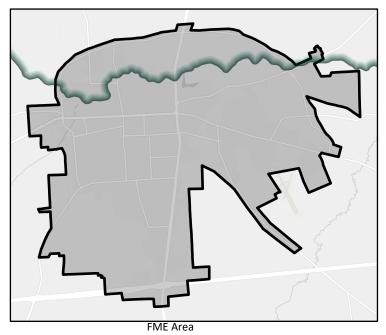
of critical facilities 0 Population at risk 4,312 # of structures 561

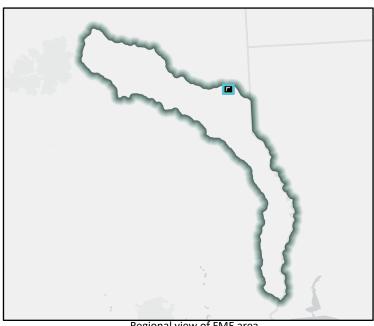
Coastal? Local Flooding? No Flood risk type: Riverine? Yes Other? No

Farm/Ranch land impacted (ac.) 222 Roadways impacted (miles) 18 # of low water crossings 0 # of historical road closures

Estimated Cost and Funding Availability

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





REGION 4

SABINE

REGIONAL FLOOD PLANNING GROUP

Title Parker Creek Detention Pond

ID# 041000056 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type Project Planning County Harrison

Study description Feasibility Study of Parker Creek Detention Pond

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? No

Drainage area (sq. mi., est.) 47

Goal(s)

100-Year Flood Risk Summary

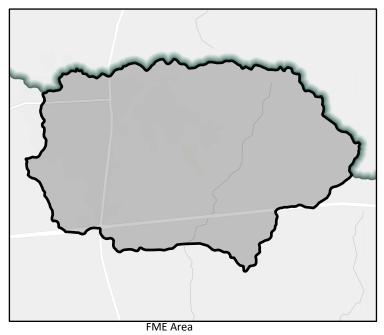
Population at risk 4,563 # of structures 598 # of critical facilities 1

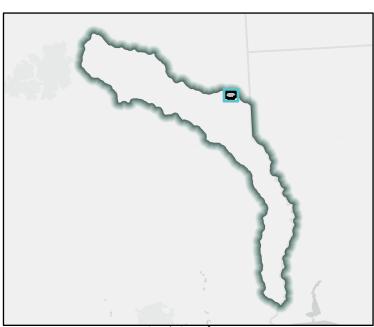
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) 897 Roadways impacted (miles) 23
of low water crossings 0 # of historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$380,000 Potential federal funding availability? Yes Potential Federal Funding Sources 0





REGION 4

SABINE

REGIONAL FLOOD PLANNING GROUP

Title Parker Creek Corridor Study

ID# 041000063 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

n for Aligns with RFPG Goals

Study Details

Study type Project Planning County Harrison

Study description Study of Parker Creek Corridor

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? No

Drainage area (sq. mi., est.) 47

Goal(s)

100-Year Flood Risk Summary

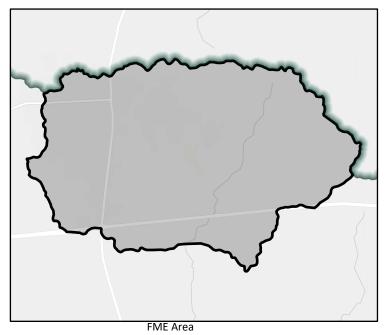
Population at risk 4,563 # of structures 598 # of critical facilities 1

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

Farm/Ranch land impacted (ac.) 897 Roadways impacted (miles) 23
of low water crossings 0 # of historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$380,000 Potential federal funding availability? Yes Potential Federal Funding Sources 0





REGION 4

SABINE

REGIONAL FLOOD PLANNING GROUP

ID# 041000029 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Title Scottsville Drainage Master Plan

Study type Watershed Planning County Harrison

Study description Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.

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

Goal(s)

100-Year Flood Risk Summary

Population at risk 48 # of structures 22 # of critical facilities 0

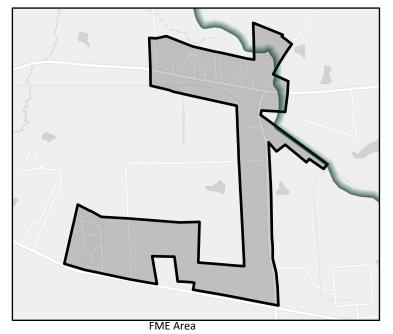
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

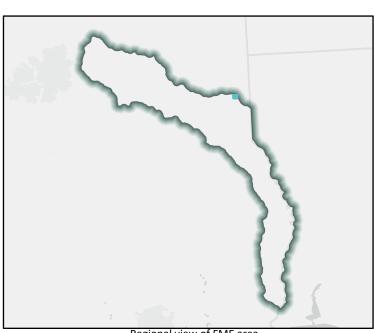
Farm/Ranch land impacted (ac.) 72 Roadways impacted (miles) 0

of low water crossings 0 # of historical road closures 0

Estimated Cost and Funding Availability

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





REGION 4

SABINE

REGIONAL FLOOD PLANNING GROUP

Title Rains County Flood Hazard Mapping

ID# 041000016 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type Watershed Planning County Rains, Hunt

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

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? No

Drainage area (sq. mi., est.) 257

Goal(s)

100-Year Flood Risk Summary

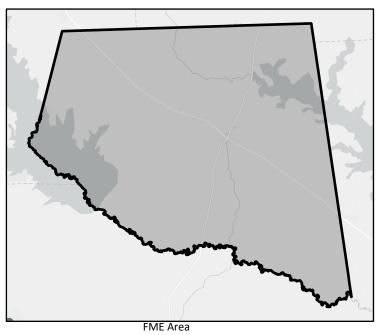
Population at risk 258 # of structures 277 # of critical facilities 0

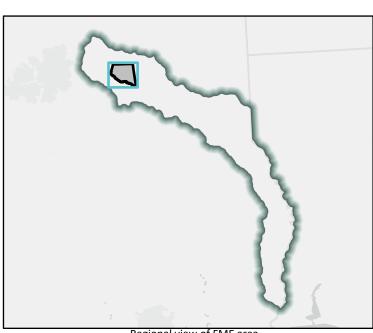
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) 13,842 Roadways impacted (miles) 35
of low water crossings 4 # of historical road closures 4

Estimated Cost and Funding Availability

Total Cost \$2,100,000 Potential federal funding availability? Potential Federal Funding Sources Potential Federal funding availability?





REGION 4

REGIONAL FLOOD PLANNING GROUP

Title Rains County Drainage Master Plan

ID# 041000017

Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type

Watershed Planning

County Rains, Hunt

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

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? No

Drainage area (sq. mi., est.) 257

Goal(s)

100-Year Flood Risk Summary

Population at risk 258

of structures 277

of critical facilities 0

Flood risk type: Riverine? Yes

Coastal?

Local Flooding? No

Other? No

Farm/Ranch land impacted (ac.)

13,842

Roadways impacted (miles)

35

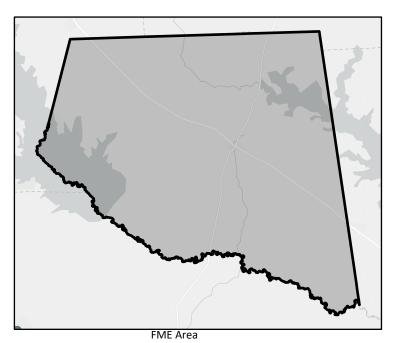
of low water crossings

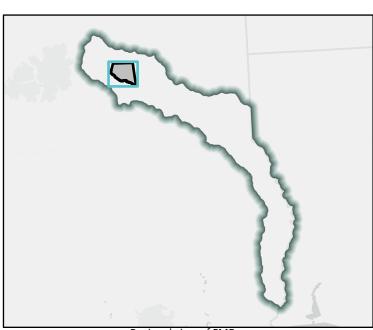
of historical road closures

Estimated Cost and Funding Availability

\$600,000 Cost

Potential federal funding availability? Yes Potential Federal **Funding Sources**





REGION 4

SABINE

REGIONAL FLOOD PLANNING GROUP

Title City of Edgewood Stormwater Drain and Culvert Improvement Study

ID# 041000030 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type Project Planning County Van Zandt

Study description Install and upgrade undersized stormwater drains and culverts

FME to create new H&H model? No

Emergency Need? No

Anticipated models in near term? No

Drainage area (sq. mi., est.) 1

Goal(s)

100-Year Flood Risk Summary

Population at risk 22 # of structures 27 # of critical facilities 0

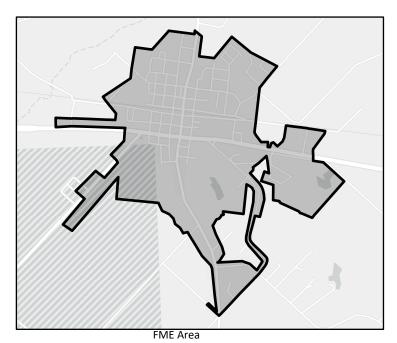
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

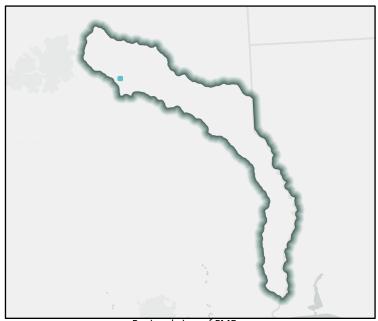
Farm/Ranch land impacted (ac.) 29 Roadways impacted (miles) 1

of low water crossings 0 # of historical road closures 0

Estimated Cost and Funding Availability

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





Regional view of FME area

REGION 4

SABINE

REGIONAL FLOOD PLANNING GROUP

Title City of Edgewood Stormwater Detention Study

ID# 041000031 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type Project Planning County Van Zandt

Study description Increase drainage capacity; add stormwater detention and / or retention basins as deemed necessary to reduce flood risk upstream of

Edgewood City Dam

FME to create new H&H model? No

Emergency Need? No

Anticipated models in near term? No

Drainage area (sq. mi., est.) 1

Goal(s)

100-Year Flood Risk Summary

Population at risk 22 # of structures 27 # of critical facilities 0

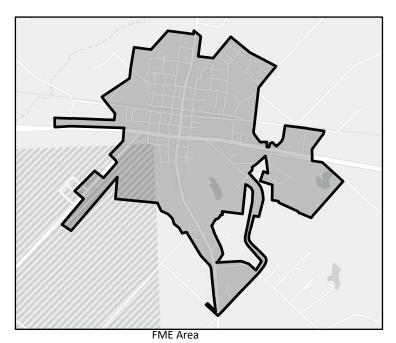
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

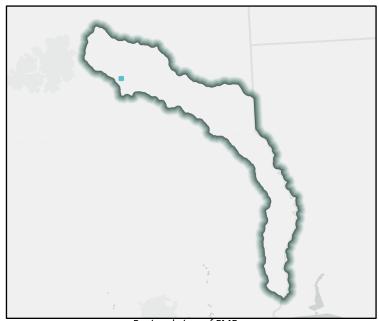
Farm/Ranch land impacted (ac.) 29 Roadways impacted (miles)

of low water crossings 0 # of historical road closures 0

Estimated Cost and Funding Availability

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





Regional view of FME area

REGION 4

SABINE

REGIONAL FLOOD PLANNING GROUP

Title City of Greenville Critical Facilities Flood Protection Study

ID# 041000032 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type Project Planning County Hunt

Study description Elevation or flood proofing of critical structures and/or the construction of barriers around critical structures

FME to create new H&H model? No

Emergency Need? No

Anticipated models in near term? Yes

Drainage area (sq. mi., est.) 33

Goal(s)

100-Year Flood Risk Summary

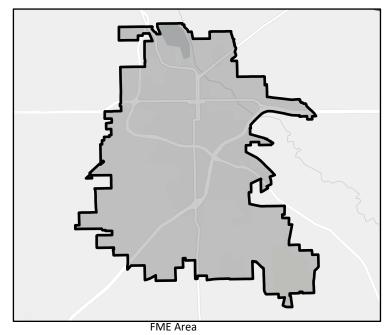
Population at risk 5,509 # of structures 429 # of critical facilities 28

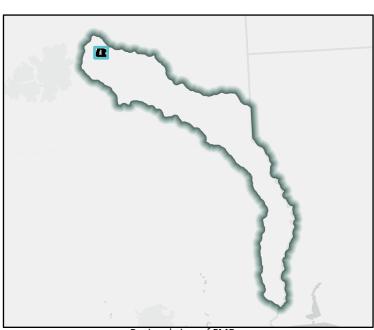
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) 1,339 Roadways impacted (miles) 26
of low water crossings 0 # of historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$300,000 Potential federal funding availability? Yes Potential Federal Funding Sources 0





REGION 4

SARINF

REGIONAL FLOOD PLANNING GROUP

Title North Airport Retention Pond

Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

ID# 041000055

Study type County Greenville **Project Planning**

Study description Feasibility Study of North Airport Retention Pond

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? Yes

Drainage area (sq. mi., est.) 80

Goal(s)

100-Year Flood Risk Summary

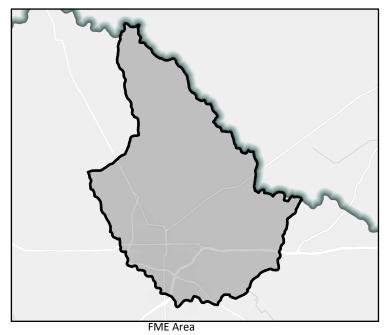
of critical facilities 3 Population at risk 1,702 # of structures 489

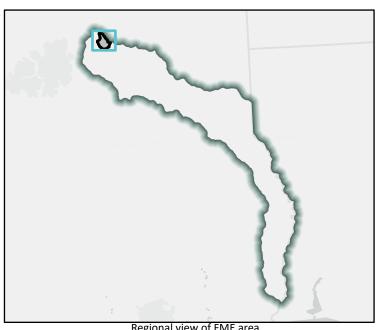
Coastal? Local Flooding? No Flood risk type: Riverine? Yes Other? No

Farm/Ranch land impacted (ac.) 5,957 Roadways impacted (miles) 29 # of historical road closures # of low water crossings 0

Estimated Cost and Funding Availability

Potential federal Potential Federal \$640,000 funding availability? Yes **Funding Sources** Cost





REGION 4

REGIONAL FLOOD PLANNING GROUP

Title City of Fruitvale Drainage Infrastructure Improvement Study

ID# 041000033 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type **Project Planning** County Van Zandt

Study description Evaluate access and road conditions for response vehicles. Develop and implement options to improve access and/or add redundant

access routes in high risk areas.

FME to create new H&H model? No

Emergency Need? No

Anticipated models in near term? No

Drainage area (sq. mi., est.) 2

Goal(s)

100-Year Flood Risk Summary

of critical facilities 0 Population at risk 12 # of structures 4

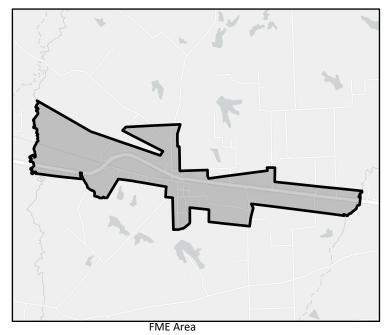
Local Flooding? No Flood risk type: Riverine? Yes Coastal? Other? No

Farm/Ranch land impacted (ac.) 127 Roadways impacted (miles)

of low water crossings 0 # of historical road closures

Estimated Cost and Funding Availability

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





REGION 4

REGIONAL FLOOD PLANNING GROUP

Title City of Newton Drainage Master Plan

ID# 041000023 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type

Watershed Planning

County Newton

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

FME to create new H&H model? Yes

Emergency Need? No

Anticipated models in near term? Yes

Drainage area (sq. mi., est.) 5

Goal(s)

100-Year Flood Risk Summary

Population at risk 164

of structures 96

of critical facilities 17

Flood risk type: Riverine? Yes

Coastal?

Local Flooding? No

Other? No

Farm/Ranch land impacted (ac.)

33

Roadways impacted (miles)

3

of low water crossings

2

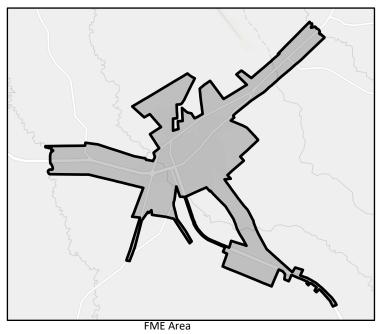
of historical road closures

Estimated Cost and Funding Availability

\$100,000 Cost

Potential federal funding availability? Yes

Potential Federal **Funding Sources**





REGION 4

SABINE

REGIONAL FLOOD PLANNING GROUP

Title Newton Drainage Master Plan

ID# 041000024 Sp

Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type W

Watershed Planning

County Newton

Study description Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.

FME to create new H&H model? Yes

Emergency Need? No

Anticipated models in near term? Yes

Drainage area (sq. mi., est.) 5

Goal(s)

100-Year Flood Risk Summary

Population at risk 164 # of structures 96 # of critical facilities 17

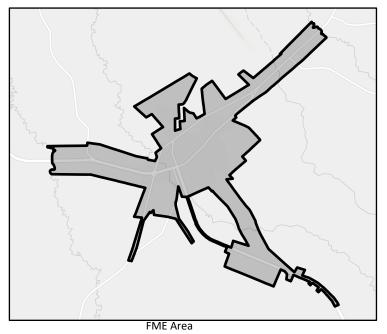
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) 33 Roadways impacted (miles) 3

of low water crossings 2 # of historical road closures 2

Estimated Cost and Funding Availability

Total Cost \$400,000 Potential federal funding availability? Yes Potential Federal Funding Sources 0





Regional view of FME area

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REGION 4

SABINE

REGIONAL FLOOD PLANNING GROUP

Title City of Kilgore Drainage Infrastructure Improvements Study

ID# 041000035 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type Project Planning County Rusk

Study description Improvements to drainage infrastructure in the downtown area by installing new inlets and storm drains

FME to create new H&H model? No Emergency Need? No Anticipated models in near term? No Drainage area (sq. mi., est.) 19

Goal(s)

100-Year Flood Risk Summary

Population at risk 870 # of structures 296 # of critical facilities 3

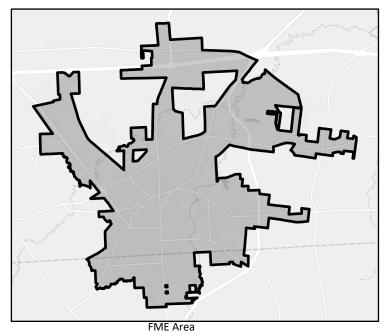
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

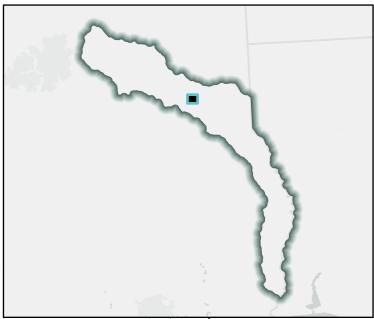
Farm/Ranch land impacted (ac.) 96 Roadways impacted (miles) 15

of low water crossings 3 # of historical road closures 3

Estimated Cost and Funding Availability

Total cost \$300,000 Potential federal funding availability? Yes Potential Federal Funding Sources 0





REGION 4

REGIONAL FLOOD PLANNING GROUP

Title City of Kilgore Library Drainage Improvement Study

ID# 041000036 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type **Project Planning** County Rusk

Study description Construct network of underground drainage structures to capture and direct subsurface water away from the library structure

FME to create new H&H model? No Emergency Need? Yes Anticipated models in near term? No Drainage area (sq. mi., est.) 19

Goal(s)

100-Year Flood Risk Summary

of critical facilities 3 Population at risk 870 # of structures 296

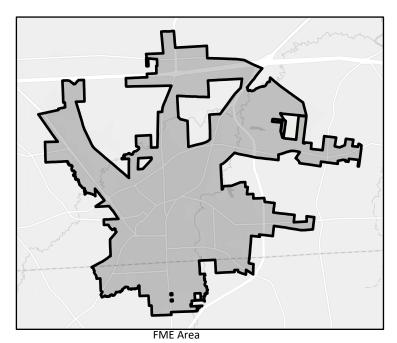
Coastal? Local Flooding? No Flood risk type: Riverine? Yes Other? No

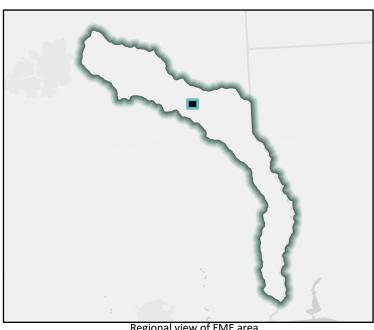
Farm/Ranch land impacted (ac.) 96 Roadways impacted (miles) 15 # of low water crossings

of historical road closures 3

Estimated Cost and Funding Availability

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





REGION 4

SABINE

REGIONAL FLOOD PLANNING GROUP

Title West Orange Drainage Improvements Study

ID# 041000051 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type Project Planning County Orange

Study description West Orange Drainage Improvements Study to quantify benefits, evaluate impacts, and begin design.

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? Yes

Drainage area (sq. mi., est.) 3

Goal(s)

100-Year Flood Risk Summary

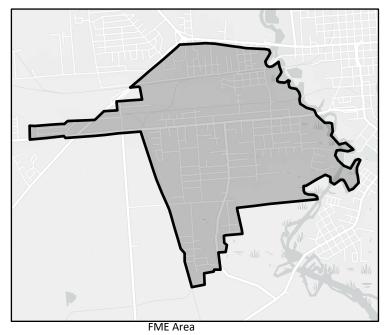
Population at risk 2,020 # of structures 1,143 # of critical facilities 0

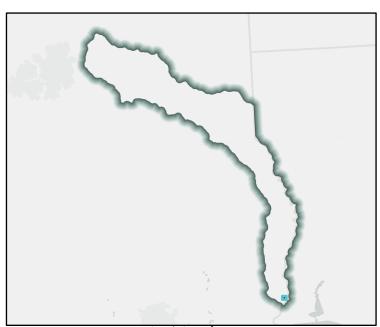
Flood risk type: Riverine? Yes Coastal? Yes Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) 30 Roadways impacted (miles) 20 # of low water crossings 0 # of historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$350,000 Potential federal funding availability? Yes Potential Federal Funding Sources 0





Regional view of FME area

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REGION 4

REGIONAL FLOOD PLANNING GROUP

Title Lone Oak - Dam Inundation Study

Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

ID# 041000040

Study type Other County Hunt

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

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

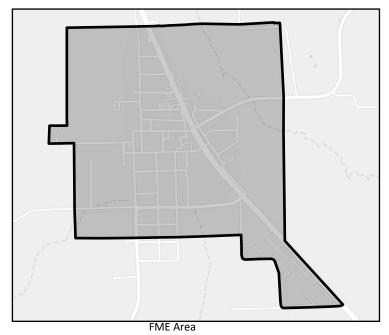
Goal(s)

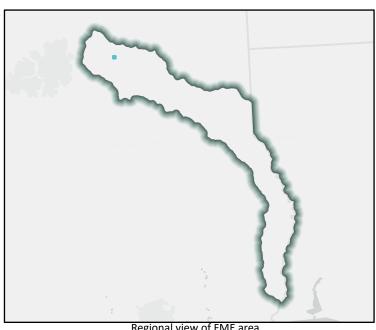
100-Year Flood Risk Summary

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

Estimated Cost and Funding Availability

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





REGION 4

SABINE

REGIONAL FLOOD PLANNING GROUP

Title Josephine Drainage Master Plan

ID# 041000026 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type Watershed Planning County Collin, Hunt

Study description Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.

FME to create new H&H model? Yes

Emergency Need? No

Anticipated models in near term? No

Drainage area (sq. mi., est.) 2

Goal(s)

100-Year Flood Risk Summary

Population at risk 126 # of structures 94 # of critical facilities 0

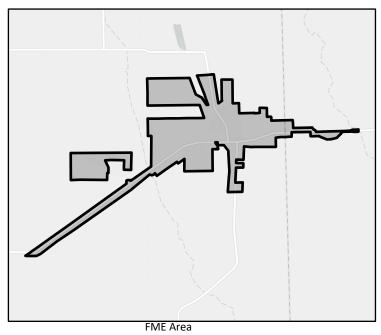
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) 110 Roadways impacted (miles)

of low water crossings 1 # of historical road closures 2

Estimated Cost and Funding Availability

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





REGION 4

SABINE

REGIONAL FLOOD PLANNING GROUP

Title Kirbyville Drainage Master Plan

ID# 041000027 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type Watershed Planning County Jasper, Newton

Study description Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? Yes

Drainage area (sq. mi., est.) 2

Goal(s)

100-Year Flood Risk Summary

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

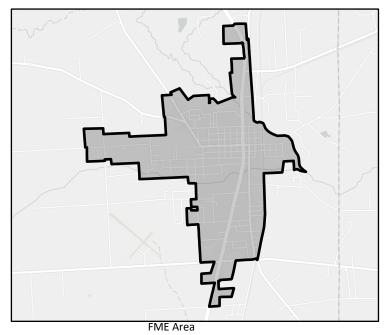
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

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

of low water crossings 3 # of historical road closures 3

Estimated Cost and Funding Availability

Total Cost \$600,000 Potential federal funding availability? Yes Potential Federal Funding Sources 0





Flood Management Evaluation (FME)

REGION 4

SABINE

REGIONAL FLOOD PLANNING GROUP

Title Kirbyville Drainage Improvement Study

ID# 041000041 Sponsor

Recommended by RFPG? Yes

Reason for Recommendation

Aligns with RFPG Goals

Study Details

Study type Project Planning County Jasper

Study description Coordinate and improve storm water drainage throughout the county; encourage new development to balance impervious surfaces with

adjacent green space

FME to create new H&H model? No

Emergency Need? Yes

Anticipated models in near term? Yes

Drainage area (sq. mi., est.) 2

Goal(s)

100-Year Flood Risk Summary

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

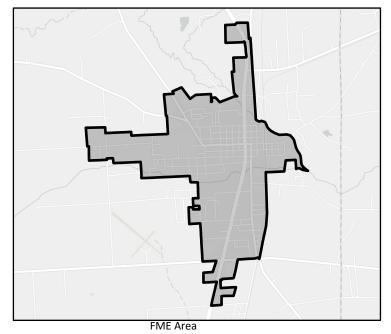
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

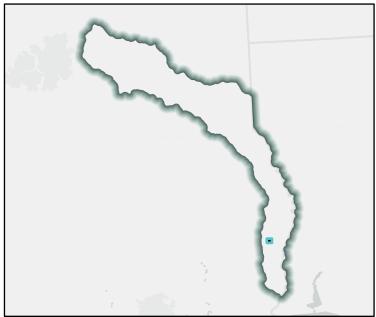
Farm/Ranch land impacted (ac.) 12 Roadways impacted (miles) 3

of low water crossings 3 # of historical road closures 3

Estimated Cost and Funding Availability

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





Flood Mitigation Project (FMP)

Kilgore Downtown Storm Sewer Master Plan Improvements

ID# 043000018 Sponsor Kilgore (Municipality)



RFPG recommend? Yes Reason for Recommendation Aligns with RFPG goals

Project Description

Downtown Storm Sewer Improvements

Watershed HUC# (if known) 120100020502,120100020503

Emergency Need? No

Drainage area (mi² est.) 1

Associated FMEs 999999

County Gregg

Associated FMSs 999999

999999 Associated FMPs

Existing 100-Year Flood Risk

| Flood risk type: | Riverine? | Yes | Coastal? No | Local? No | Playa? No | Other? No |
|----------------------|---------------|--------|-------------------|------------------------------|-----------------------|-----------|
| Population at risk (| 0 | | # of structures (| | Critical facilities 0 | |
| Farm/Ranch land in | mpacted (acr | res) 0 | | Roadway(s) impacted (length) | 2 | |
| Number of low wa | ter crossings | 0 | | Historical road closures - | | |

100-Year Flood Risk Reduction

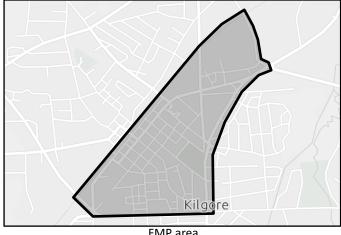
| Population removed from 100-yr | 0 | # of structures removed from 100-yr | 0 |
|---|---|---|---|
| Critical facilities removed from 100-yr | 0 | Farm/Ranch land removed from 100-yr (acres) | 0 |
| Road removed from 100-yr (miles) | 1 | Low water crossings removed from 100-yr | 0 |
| Other benefits None | | Reduction in # of road closures over 10 years | - |

Impacts

| Negative impacts? | No | Negative impacts description | |
|----------------------------|------|---------------------------------------|--|
| Water supply contributions | ? No | Water supply contribution description | |

Estimated Cost

| Project Cost | \$2,242,305 | % Nature-Based 0 | BCR 0 |
|----------------|----------------|------------------|-------|
| Recurring cost | s ₋ | Issues - | |







Flood Mitigation Project (FMP)

Sabine Pass to Galveston Bay Coastal Storm Risk Management Project

ID# 043000017 Sponsor Orange County Drainage District REGIONAL FLOOD PLANNING GROUP

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG goals

Project Description

Program comprised of improvements and construction of new infrastructure currently being implemented to reduce the risk of storm surge impacts in Orange, Jefferson, and Brazoria Counties in Texas.

Watershed HUC# (if known) 120100051005, 120100051004,

120100051100, 120100051003

Emergency Need? Yes

Drainage area (mi² est.) 265

Associated FMEs 999999

County Orange, Newton

Associated FMSs 999999

Associated FMPs 053000005

Existing 100-Year Flood Risk

| Flood risk type: | Riverine? | No | Coastal? Yes | | Local? No | | Playa? No | Other? No |
|---|---------------|-----------|--------------|-------------------------------|-----------------------|--------|-----------|-----------|
| Population at risk 24,485 # of structures | | | s 7,929 | 7,929 Critical facilities 206 | | | | |
| Farm/Ranch land in | mpacted (acre | es) 3,495 | | Roa | dway(s) impacted (le | ength) | 158 | |
| Number of low wa | ter crossings | 21 | | Hist | corical road closures | - | | |

100-Year Flood Risk Reduction

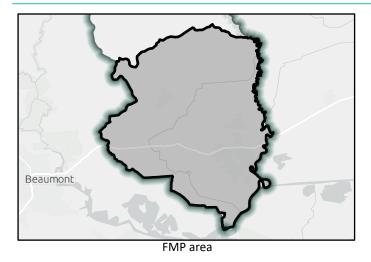
| Population removed from 100-yr | 2,375 | # of structures removed from 100-yr | 1,618 |
|---|------------|---|-------|
| Critical facilities removed from 100-yr | 9 | Farm/Ranch land removed from 100-yr (acres) | 1,679 |
| Road removed from 100-yr (miles) | 28 | Low water crossings removed from 100-yr | 21 |
| Other benefits Environmental, Water | er Quality | Reduction in # of road closures over 10 years | - |

Impacts

| Negative impacts? | No | Negative impacts description | - |
|----------------------------|------|---------------------------------------|---|
| Water supply contributions | ? No | Water supply contribution description | - |

Estimated Cost

| Project Cost | \$2,270,099,968 | % Nature-Based 0 | BCR 2 |
|----------------|-----------------|------------------|-------|
| Recurring cost | S _ | Issues - | |





Regional view of FMP area

City of Longview Flood Awareness Program Title

ID# 042000034 Sponsor Longview (Municipality)



County

Gregg

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type **Education and Outreach**

Strategy description Promote the "Turn Around Don't Drown" campaign, in partnership with DPS.

Associated FMEs 999999 Associated FMPs 999999

Associated FMSs 999999

Watershed HUC# (if known)

Drainage area (mi², est.) 56 120100020506, 120100020601, 120100020504, 120100020505,

120100020602

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

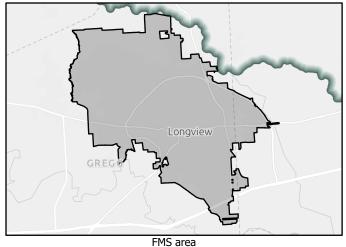
| Population at risk 10,126 | | # o | f structures | 1,379 | | Critical facilities 9 | | | |
|--------------------------------------|-------|----------|---------------|-----------------|------------|-----------------------|----|--------|----|
| Flood risk type: Riverine | ? Yes | Coastal? | No | Local? | No | Playa? | No | Other? | No |
| Farm/Ranch land impacted (acres) 295 | | | Roadway(s) ir | npacted (miles) | 41 | | | | |
| Number of low water crossing | gs 0 | | | Historical roa | d closures | 0 | | | |

Impacts

Negative impacts? No Negative impacts description N/A Water supply contributions? No Water supply contribution description None

Estimated Cost

Amount of available funding **Strategy Cost** \$10,000 % Nature-Based 0



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City of Longview Flood Mitigation Training Program Title

ID# 042000035 Sponsor Longview (Municipality)



County

Gregg

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type Regulatory and Guidance

Strategy description Seek state and FEMA sponsored training in flood mitigation for key personnel.

Associated FMEs 999999 Associated FMPs 999999

Associated FMSs 999999

Drainage area (mi², est.) 120100020504, 120100020505, 120100020506, 120100020601, Watershed HUC# (if known)

120100020602

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis. Goal 2: Increase number of communities with a comprehensive drainage policy and criteria manuals to reduce flood hazard encouragement and education to include 75% of the region's population.

Existing 100-Year Flood Risk

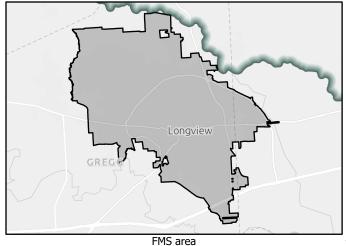
| Population at risk 10,126 | | # of structure: | 1,379 | 1,379 | | facilities 9 | | |
|--------------------------------------|------|-----------------|--------------------------|-----------------|--------|--------------|--------|----|
| Flood risk type: Riverine? | es C | oastal? No | Local? | No | Playa? | No | Other? | No |
| Farm/Ranch land impacted (acres) 295 | | | Roadway(s) i | mpacted (miles) | 41 | | | |
| Number of low water crossings 0 | | Historical roa | Historical road closures | | | | | |

Impacts

Negative impacts? Negative impacts description N/A Water supply contributions? No Water supply contribution description None

Estimated Cost

Amount of available funding **Strategy Cost** \$2,000 % Nature-Based 0



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Longview Flood Mitigation Floodplain Development Regulations Title

ID# 042000036 Sponsor Longview (Municipality)



Gregg

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type Regulatory and Guidance

Strategy description Improve the long-range management and use of flood-prone areas by the adoption and enforcement of local ordinances to

regulate new development within the floodplain. Review and revise ordinances, when needed.

Associated FMEs Associated FMPs 999999 999999

Associated FMSs 999999

Watershed HUC# (if known)

Drainage area (mi², est.) 56 120100020504, 120100020505, 120100020506, 120100020601,

> 120100020602 County

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis. Goal 2: Increase number of communities with a comprehensive drainage policy and criteria manuals to reduce flood hazard encouragement and education to include 75% of the region's population.

Existing 100-Year Flood Risk

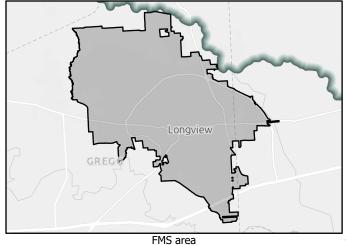
| Population at risk 10,126 | # of structures | 1,379 | Critical facilities 9 | |
|--------------------------------------|-----------------------------|--------------------------|-----------------------|-----------|
| Flood risk type: Riverine? Yes | Coastal? No | Local? No | Playa? No | Other? No |
| Farm/Ranch land impacted (acres) 295 | Roadway(s) impacted (miles) | 41 | | |
| Number of low water crossings 0 | | Historical road closures | 0 | |

Impacts

Negative impacts? Negative impacts description N/A Water supply contributions? No Water supply contribution description None

Estimated Cost

Amount of available funding **Strategy Cost** \$0 % Nature-Based 0



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City of Longview Online Flood Awareness Program Title

ID# 042000037 Sponsor Longview (Municipality)



Gregg

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type **Education and Outreach**

Strategy description Place links on local websites to free FEMA training for independent study via the internet, such as 15-271 "Anticipating

Hazardous Weather and Community Risk."

Associated FMEs Associated FMPs 999999 999999

Associated FMSs 999999

Drainage area (mi², est.) 56 120100020504, 120100020505, 120100020506, 120100020601,

Watershed HUC# (if known) 120100020602 County

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

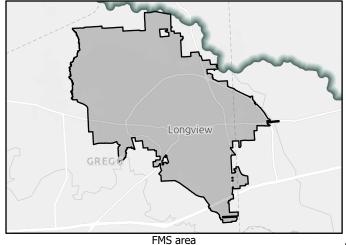
| Population at risk 10,126 | | # of structure: | 1,379 | 1,379 | | facilities 9 | | |
|--------------------------------------|------|-----------------|--------------------------|-----------------|--------|--------------|--------|----|
| Flood risk type: Riverine? | es C | oastal? No | Local? | No | Playa? | No | Other? | No |
| Farm/Ranch land impacted (acres) 295 | | | Roadway(s) i | mpacted (miles) | 41 | | | |
| Number of low water crossings 0 | | Historical roa | Historical road closures | | | | | |

Impacts

Negative impacts? No Negative impacts description N/A Water supply contributions? No Water supply contribution description None

Estimated Cost

Amount of available funding **Strategy Cost** \$0 % Nature-Based 0





Regional view of FMS area

City of Longview Regulatory Flood Hazard Map Program Title

ID# 042000038 Sponsor Longview (Municipality)



County

Gregg

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type Regulatory and Guidance

Strategy description Work with state and federal agencies to maintain current flood maps.

Associated FMEs 999999 Associated FMPs 999999

Associated FMSs 999999

Watershed HUC# (if known)

Drainage area (mi², est.) 120100020504, 120100020505, 120100020506, 120100020601,

120100020602

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis. Goal 2: Increase number of communities with a comprehensive drainage policy and criteria manuals to reduce flood hazard encouragement and education to include 75% of the region's population.

Existing 100-Year Flood Risk

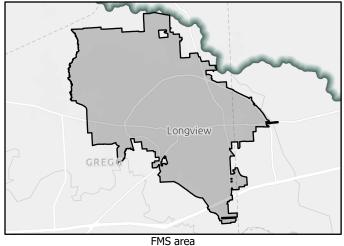
| Population at risk 10,126 # of structure | | 1,379 | Critical facilities 9 | | | |
|--|-------------|-----------------------------|-----------------------|-----------|--|--|
| Flood risk type: Riverine? Yes | Coastal? No | Local? No | Playa? No | Other? No | | |
| Farm/Ranch land impacted (acres) 295 | | Roadway(s) impacted (miles) | 41 | | | |
| Number of low water crossings 0 | | Historical road closures | 0 | | | |

Impacts

Negative impacts? Negative impacts description N/A Water supply contributions? No Water supply contribution description None

Estimated Cost

Amount of available funding **Strategy Cost** \$0 % Nature-Based 0



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City of Longview Property Acquisition Program Title

ID# 042000039 Sponsor Longview (Municipality)



Gregg

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type Property Acquisition and Structural Elevation

Strategy description Implementation of program to purchase properties and severe loss-repetitive loss homes in floodplain areas to reserve them

from development.

Associated FMEs Associated FMPs 999999 999999

Associated FMSs 999999

Watershed HUC# (if known)

Drainage area (mi², est.) 56 120100020504, 120100020505, 120100020506, 120100020601,

> 120100020602 County

Goal 1: Reduce exposure of existing structures in flood prone areas by elevating, acquiring, relocating, or otherwise providing flood protection to 10% of structures.

Existing 100-Year Flood Risk

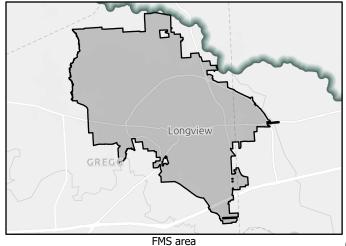
| Population at risk 10,126 | | # o | f structures | 1,379 | | Critical facilities 9 | | | |
|--------------------------------------|-----|-----------------------------|--------------|--------|----|-----------------------|----|--------|----|
| Flood risk type: Riverine? | Yes | Coastal? | No | Local? | No | Playa? | No | Other? | No |
| Farm/Ranch land impacted (acres) 295 | | Roadway(s) impacted (miles) | | 41 | | | | | |
| Number of low water crossings 0 | | Historical road closures | | 0 | | | | | |

Impacts

Negative impacts? No Negative impacts description N/A Water supply contributions? No Water supply contribution description None

Estimated Cost

Amount of available funding **Strategy Cost** \$100,000 % Nature-Based 0



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City of Longview Dam Development Title

ID# 042000041 Sponsor Longview (Municipality)



County

Gregg

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type Regulatory and Guidance

Strategy description Promote FEMA-recommended construction methods for any new dam

Associated FMEs 999999 Associated FMPs 999999

Associated FMSs 999999

Watershed HUC# (if known)

Drainage area (mi², est.) 120100020506, 120100020504, 120100020505, 120100020601,

120100020602

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis. Goal 2: Increase number of communities with a comprehensive drainage policy and criteria manuals to reduce flood hazard encouragement and education to include 75% of the region's population.

Existing 100-Year Flood Risk

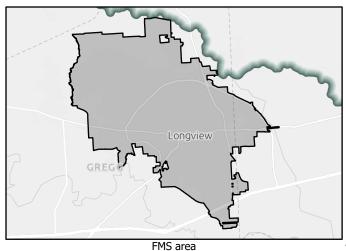
| Population at risk 10,126 # of structures | | 1,379 | Critical facilities 9 | | | | |
|---|-------------|-------------------------|-----------------------|-----------|--|--|--|
| Flood risk type: Riverine? Yes Co | Coastal? No | Local? No | Playa? No | Other? No | | | |
| Farm/Ranch land impacted (acres) 295 | | Roadway(s) impacted (| (miles) 41 | 41 | | | |
| Number of low water crossings 0 | | Historical road closure | s 0 | | | | |

Impacts

Negative impacts? Negative impacts description N/A Water supply contributions? No Water supply contribution description None

Estimated Cost

Amount of available funding **Strategy Cost** \$10,000 % Nature-Based 0





Regional view of FMS area

City of Kilgore "StormReady" Program Title

ID# 042000030 Sponsor Kilgore (Municipality)



RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type **Education and Outreach**

Strategy description Obtain awareness materials from Texas Floodplain Management Association for distribution to the public. Post public

awareness content on social media platforms prior to and during flooding.

Associated FMEs Associated FMPs 999999 999999

Associated FMSs 999999

Drainage area (mi², est.) 19

120100020506, 120100020405, 120100020502, 120100020503 Watershed HUC# (if known)

> County Gregg, Rusk

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

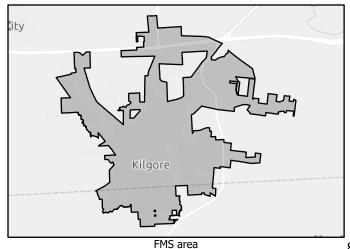
| Population at risk 870 # of structures | | 296 | Critical facilities 3 | | | |
|--|-------------|-----------------------------|-----------------------|-----------|--|--|
| Flood risk type: Riverine? Yes | Coastal? No | Local? No | Playa? No | Other? No | | |
| Farm/Ranch land impacted (acres) 96 | | Roadway(s) impacted (miles) | 15 | | | |
| Number of low water crossings 3 | | Historical road closures | 3 | | | |

Impacts

Negative impacts? Negative impacts description N/A Water supply contributions? No Water supply contribution description None

Estimated Cost

Amount of available funding **Strategy Cost** \$5,000 % Nature-Based 0





City of Clarksville City Flood Infrastructure Inspection and Maintenance Title Program

ID# 042000033 Sponsor Clarksville City (Municipality)

REGION 4 REGIONAL FLOOD PLANNING GROUP

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type Other

Strategy description Monitor flood-prone areas and remove debris from drainage culverts when needed to alleviate potential flooding hazards.

Associated FMEs 999999 Associated FMPs 999999

Associated FMSs 999999

Drainage area (mi², est.)

120100020405 Watershed HUC# (if known)

> County Gregg, Upshur

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

Existing 100-Year Flood Risk

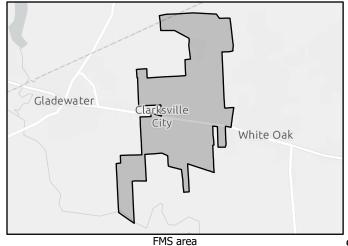
| Population at risk 29 | # of structures | f structures 25 | | | Critical facilities 0 | | | |
|--------------------------------------|-----------------|-----------------|----------------|--------|-----------------------|--------|----|--|
| Flood risk type: Riverine? Yes | Coastal? No | Local? | No | Playa? | No | Other? | No | |
| Farm/Ranch land impacted (acres) 118 | | Roadway(s) imp | pacted (miles) | 1 | | | | |
| Number of low water crossings 0 | | Historical road | closures | 0 | | | | |

Impacts

Negative impacts? No Negative impacts description N/A Water supply contributions? No Water supply contribution description None

Estimated Cost

Amount of available funding **Strategy Cost** \$20,000 % Nature-Based 0



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City of Gladewater Flood Awareness Program Title

ID# Sponsor Gladewater (Municipality)



RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type **Education and Outreach**

Strategy description Develop, implement and promote a public education campaign to encourage the public to register for the Nixle warning system;

put link on city websites and facebook pages.

Associated FMEs Associated FMPs 999999 999999

Associated FMSs 999999

Drainage area (mi², est.)

120100020405 Watershed HUC# (if known)

> County Gregg, Upshur

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

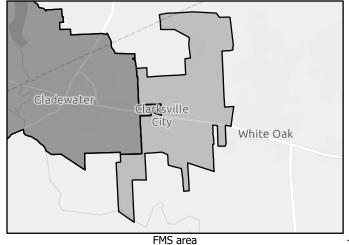
| Population at risk 29 # of structure | | f structures | 25 | | Critical facilities 0 | | | | |
|--------------------------------------|-----|-----------------------------|----|--------|-----------------------|--------|----|--------|----|
| Flood risk type: Riverine? | Yes | Coastal? | No | Local? | No | Playa? | No | Other? | No |
| Farm/Ranch land impacted (acres) 118 | | Roadway(s) impacted (miles) | | 1 | | | | | |
| Number of low water crossings 0 | | Historical road closures | | 0 | | | | | |

Impacts

Negative impacts? No Negative impacts description N/A Water supply contributions? No Water supply contribution description None

Estimated Cost

Amount of available funding **Strategy Cost** \$10,000 % Nature-Based 0



Houston Regional view of FMS area

Dallas

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Austin

City of Gladewater Flood Awareness Program Title

ID# Sponsor Gladewater (Municipality)



RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type **Education and Outreach**

Strategy description Develop and implement a public education campaign to inform the public about mitigation actions they can take to make their

family and home safer. Put information and links to outside resources on city websites and facebook pages.

Associated FMEs Associated FMPs 999999 999999

Associated FMSs 999999

Drainage area (mi², est.)

120100020402, 120100020403, 120100020405 Watershed HUC# (if known)

> County Gregg, Upshur

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

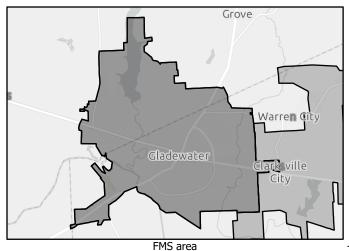
| Population at risk 225 # of structures | | 146 | | Critical facilities 0 | | | |
|--|-----------|-----------------------------|----|-----------------------|----|--------|----|
| Flood risk type: Riverine? Yes Coa | astal? No | Local? | No | Playa? | No | Other? | No |
| Farm/Ranch land impacted (acres) 308 | | Roadway(s) impacted (miles) | | 4 | | | |
| Number of low water crossings 0 | | Historical road closures | | 0 | | | |

Impacts

Negative impacts? Negative impacts description Nο N/A Water supply contributions? No Water supply contribution description None

Estimated Cost

Amount of available funding **Strategy Cost** \$10,000 % Nature-Based 0





Regional view of FMS area

City of Gladewater Flood Awareness Program Title

ID# 042000027 Sponsor Gladewater (Municipality)



RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type **Education and Outreach**

Strategy description Develop and implement the "Turn Around, Don't Drown Program"

Associated FMEs 999999 Associated FMPs 999999

Associated FMSs 999999

120100020402, 120100020403, 120100020405 Watershed HUC# (if known)

Drainage area (mi², est.)

County Gregg, Upshur

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

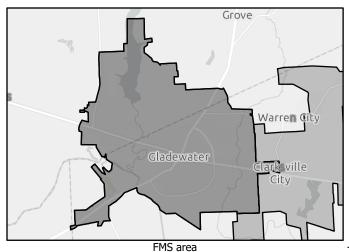
| Population at risk 25 # of structures | | 146 | | Critical facilities 0 | | | | | |
|---------------------------------------|-----|-----------------------------|----|-----------------------|----|--------|----|--------|----|
| Flood risk type: Riverine? | Yes | Coastal? | No | Local? | No | Playa? | No | Other? | No |
| Farm/Ranch land impacted (acres) 308 | | Roadway(s) impacted (miles) | | 4 | | | | | |
| Number of low water crossings 0 | | Historical road closures | | 0 | | | | | |

Impacts

Negative impacts? No Negative impacts description N/A Water supply contributions? No Water supply contribution description None

Estimated Cost

Amount of available funding **Strategy Cost** \$10,000 % Nature-Based 0





Regional view of FMS area

Title City of Gladewater Flood Infrastructure Maintenance Program

ID# 042000028 Sponsor Gladewater (Municipality)



RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type

Other

Strategy description

Implement program to remove debris from drainage culverts when needed to alleviate potential flooding hazards

Associated FMEs

999999

Associated FMPs 999999

Associated FMSs

999999

Drainage area (mi², est.)

.

Watershed HUC# (if known)

120100020402, 120100020403, 120100020405

County

Gregg, Upshur

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

Existing 100-Year Flood Risk

| Population at risk 225 # of structures | | 146 | | Critical facilities 0 | | | | | |
|--|-----|-----------------------------|----|-----------------------|----|--------|----|--------|----|
| Flood risk type: Riverine? | Yes | Coastal? | No | Local? | No | Playa? | No | Other? | No |
| Farm/Ranch land impacted (acres) 308 | | Roadway(s) impacted (miles) | | 4 | | | | | |
| Number of low water crossings 0 | | Historical road closures | | 0 | | | | | |

Impacts

Negative impacts?

No

Negative impacts description

N/A

Water supply contributions? No

Water supply contribution description None

% Nature-Based 0

Estimated Cost

Strategy Cost

\$20,000

Amount of available funding \$





Regional view of FMS area

City of Marshall Property Acquisition Program Title

ID# 042000052 Sponsor Marshall (Municipality)



RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Property Acquisition and Structural Elevation Strategy type

Strategy description Encourage development of acquisition and management strategies to preserve open space for flood mitigation and water

quality in the floodplain.

Associated FMEs Associated FMPs 999999 999999

Associated FMSs 999999

Drainage area (mi², est.) 30

120100020703, 120100020701, 120100020702, 120100020704 Watershed HUC# (if known)

> County Harrison

Goal 1: Reduce exposure of existing structures in flood prone areas by elevating, acquiring, relocating, or otherwise providing flood protection to 10% of structures.

Existing 100-Year Flood Risk

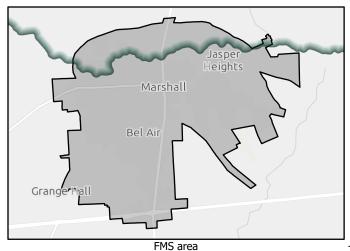
| opulation at risk 4,312 # of structures | | 561 | Critical facilities 0 | | | |
|---|-------------|-----------------------------|-----------------------|-----------|--|--|
| Flood risk type: Riverine? Yes | Coastal? No | Local? No | Playa? No | Other? No | | |
| Farm/Ranch land impacted (acres) 222 | | Roadway(s) impacted (miles) | 18 | | | |
| Number of low water crossings 0 | | Historical road closures | 0 | | | |

Impacts

Negative impacts? No Negative impacts description N/A Water supply contributions? No Water supply contribution description None

Estimated Cost

Amount of available funding **Strategy Cost** \$50,000 % Nature-Based 0





Regional view of FMS area

City of Como Flood Awareness Program Title

ID# 042000049 Sponsor Como (Municipality)



RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type **Education and Outreach**

Strategy description Disseminate PSA's, Newspaper Articles through local media about dangers of flooded county roads and to "Turn Around; Don't

Drown."

Associated FMEs 999999 Associated FMPs 999999

Associated FMSs 999999

Drainage area (mi², est.)

120100030201 Watershed HUC# (if known)

County Hopkins

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

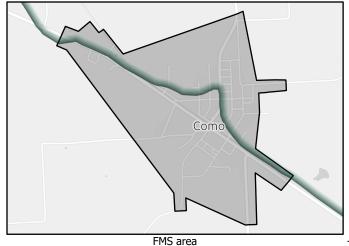
| Population at risk 1 | # of structures | res 3 | | Critical facilities 0 | | | |
|-------------------------------------|-----------------|-----------------------------|------------|-----------------------|----|--------|----|
| Flood risk type: Riverine? Yes | Coastal? No | Local? | No | Playa? | No | Other? | No |
| Farm/Ranch land impacted (acres) 11 | | Roadway(s) impacted (miles) | | 0 | | | |
| Number of low water crossings 0 | | Historical roa | d closures | 0 | | | |

Impacts

Negative impacts? No Negative impacts description N/A Water supply contributions? No Water supply contribution description None

Estimated Cost

\$10,000 Amount of available funding **Strategy Cost** % Nature-Based 0





Regional view of FMS area

City of Cumby Flood Awareness Program Title

ID# 042000050 Sponsor Cumby (Municipality)



Drainage area (mi², est.)

Hopkins

Aligns with RFPG Goals RFPG recommend? Yes Reason for Recommendation

Strategy Details

Strategy type **Education and Outreach**

Strategy description Develop and implement the "Turn Around, Don't Drown Program"

Associated FMEs 999999 Associated FMPs 999999

Associated FMSs 999999

120100030101, 120100030104 Watershed HUC# (if known)

County

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

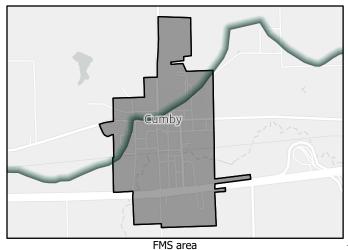
| Population at risk 0 # of structures | | 0 | Critical facilities 0 | facilities 0 | | |
|--------------------------------------|-------------|-----------------------------|-----------------------|--------------|--|--|
| Flood risk type: Riverine? Yes | Coastal? No | Local? No | Playa? No | Other? No | | |
| Farm/Ranch land impacted (acres) 4 | | Roadway(s) impacted (miles) | 0 | | | |
| Number of low water crossings 0 | | Historical road closures | 0 | | | |

Impacts

Negative impacts? No Negative impacts description N/A Water supply contributions? No Water supply contribution description None

Estimated Cost

Amount of available funding **Strategy Cost** \$0 % Nature-Based 0



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City of Cumby Flood Awareness Program

ID# 042000051 Sponsor Cumby (Municipality)



Drainage area (mi², est.)

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Title

Strategy type **Education and Outreach**

Strategy description Disseminate PSA's, Newspaper Articles through local media about dangers of flooded county roads

Associated FMEs 999999 Associated FMPs 999999

Associated FMSs 999999

120100030101, 120100030104 Watershed HUC# (if known)

County Hopkins

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

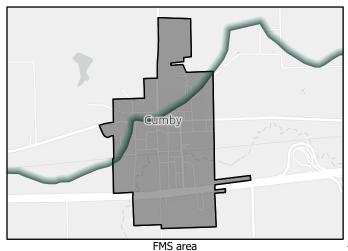
| Population at risk 0 | # of structures | 0 | Critical facilities 0 | |
|------------------------------------|--------------------------|-----------------------------|-----------------------|-----------|
| Flood risk type: Riverine? Yes | Coastal? No | Local? No | Playa? No | Other? No |
| Farm/Ranch land impacted (acres) 4 | | Roadway(s) impacted (miles) | 0 | |
| Number of low water crossings 0 | Historical road closures | 0 | | |

Impacts

Negative impacts? No Negative impacts description N/A Water supply contributions? No Water supply contribution description None

Estimated Cost

Amount of available funding **Strategy Cost** \$11,500 % Nature-Based 0





City of Greenville NFIP Participation Title

ID# 042000013 Sponsor Greenville (Municipality)



RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type Regulatory and Guidance

Strategy description Increase NFIP Participation. Greenville participates in the NFIP program and needs to strongly encourage through education

additional residents and businesses to purchase and maintain flood insurance.

Associated FMEs Associated FMPs 999999 999999

Associated FMSs 999999

Drainage area (mi², est.) 33

120100010103, 120100010102, 120100010204, 120100010401 Watershed HUC# (if known)

> County Hunt

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis. Goal 2: Increase number of communities with a comprehensive drainage policy and criteria manuals to reduce flood hazard encouragement and education to include 75% of the region's population.

Existing 100-Year Flood Risk

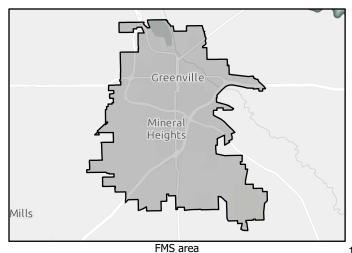
| Population at risk 5,509 | | # 0 | f structures | 429 | | Critical f | facilities 28 | | |
|--|-----|----------|----------------|---------------|-----------------|------------|---------------|--------|----|
| Flood risk type: Riverine? | Yes | Coastal? | No | Local? | No | Playa? | No | Other? | No |
| Farm/Ranch land impacted (acres) 1,339 | | | | Roadway(s) ir | npacted (miles) | 26 | | | |
| Number of low water crossings 0 | | | Historical roa | d closures | 0 | | | | |

Impacts

Negative impacts? Negative impacts description N/A Water supply contributions? No Water supply contribution description None

Estimated Cost

Amount of available funding **Strategy Cost** \$10,000 % Nature-Based 0





Regional view of FMS area

Orange County Property Buyouts Title

ID# 042000002 Sponsor Orange (County)



RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type Property Acquisition and Structural Elevation

Strategy description Administer program to acquire flood prone/repetitive loss properties and convert to open space, parks, boating access, trails,

agricultural projects, and/or as a general community asset.

Associated FMEs Associated FMPs 999999 999999

Associated FMSs 999999

Drainage area (mi², est.) 371

120100051100,120100051003,120100051004,120100051005 Watershed HUC# (if known)

> County Orange

Goal 1: Reduce exposure of existing structures in flood prone areas by elevating, acquiring, relocating, or otherwise providing flood protection to 10% of structures.

Existing 100-Year Flood Risk

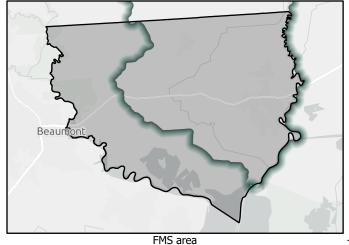
| Population at risk 26,881 | | # of structures | | 16,974 | | Critical fa | acilities 276 | | |
|---|------|-----------------|-----|-----------------|-----------------|-------------|---------------|--------|----|
| Flood risk type: Riverine? Ye | s Co | pastal? | Yes | Local? | No | Playa? | No | Other? | No |
| Farm/Ranch land impacted (acres) 17,171 | | | | Roadway(s) in | npacted (miles) | 364 | | | |
| Number of low water crossings 22 | | | | Historical road | d closures | 22 | | | |

Impacts

| Negative impacts? | No | Negative impacts description | N/A |
|-----------------------------|----|---------------------------------------|------|
| Water supply contributions? | No | Water supply contribution description | None |

Estimated Cost

Amount of available funding **Strategy Cost** \$100,000 % Nature-Based 0





Orange County Drainage District Flood Warning System Title

ID# 042000003 Sponsor Orange (County)



RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type Flood Measurement and Warning

Strategy description Improvement of existing flood warning system

Associated FMEs 999999 Associated FMPs 999999

Associated FMSs 999999

Drainage area (mi², est.) 120100051100,120100051003,120100051004,120100051005 Watershed HUC# (if known)

County Orange

Goal 1: Increase number of monitoring gages and associated real time reporting technology installed and maintained in the region to 1 in 50% of HUC10s.

Existing 100-Year Flood Risk

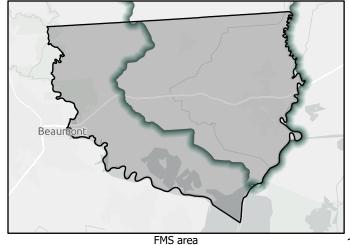
| Population at risk 26,881 | | # o | f structures | 16,974 | | Critical facilities 276 | | | | |
|---|-----|----------|--------------|----------------|-----------------|-------------------------|----|--------|----|--|
| Flood risk type: Riverine? | Yes | Coastal? | Yes | Local? | No | Playa? | No | Other? | No | |
| Farm/Ranch land impacted (acres) 17,171 | | | | Roadway(s) ir | npacted (miles) | 364 | | | | |
| Number of low water crossings | | | | Historical roa | d closures | 22 | | | | |

Impacts

| Negative impacts? | No | Negative impacts description | N/A |
|-----------------------------|----|---------------------------------------|------|
| Water supply contributions? | No | Water supply contribution description | None |

Estimated Cost

Amount of available funding **Strategy Cost** \$150,000 % Nature-Based 0





Regional view of FMS area

Orange County Detention Ponds Throughout County Title

ID# 042000004 Sponsor Orange (County)



371

Aligns with RFPG Goals RFPG recommend? Yes Reason for Recommendation

Strategy Details

Strategy type Infrastructure Projects

Strategy description Series of detention ponds to prevent flooding along IH-10, Hwy 12, Hwy 62, and Hwy 87 – the County's evacuation routes.

Associated FMEs 999999 Associated FMPs 999999

Associated FMSs 999999

Drainage area (mi², est.) 120100051005,120100051004,120100051100,120100051003 Watershed HUC# (if known)

County Orange

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

Existing 100-Year Flood Risk

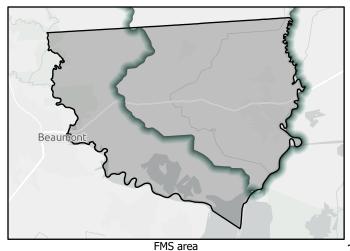
| Population at risk 26,881 | | | # o | f structures | 16,974 | | Critical facilities 276 | | | | |
|---|----------------------------------|-----|----------|----------------|-----------------|-----|-------------------------|----|--------|----|--|
| Flood risk type: | Riverine? | Yes | Coastal? | Yes | Local? | No | Playa? | No | Other? | No | |
| Farm/Ranch land impacted (acres) 17,171 | | | | Roadway(s) ir | npacted (miles) | 364 | | | | | |
| Number of low wat | Number of low water crossings 22 | | | Historical roa | d closures | 22 | | | | | |

Impacts

| Negative impacts? | No | Negative impacts description | N/A |
|-----------------------------|----|---------------------------------------|------|
| Water supply contributions? | No | Water supply contribution description | None |

Estimated Cost

Amount of available funding **Strategy Cost** \$44,000,000 % Nature-Based 0





Orange County Emergency Response Staging Area Title

ID# 042000008 Sponsor Orange County Drainage District



RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type

Other

Strategy description

Staging Area and "lily pads" for use during disaster events.

Associated FMEs

999999

Associated FMPs

999999

Associated FMSs

Watershed HUC# (if known)

999999

120100051005,120100051004,120100051100,120100051003

County

Drainage area (mi², est.)

Orange

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

Existing 100-Year Flood Risk

| Population at risk 26,881 | # of structures | 16,974 | Critical facilities 276 | | | |
|---|------------------------|-----------------------------|-------------------------|-----------|--|--|
| Flood risk type: Riverine? Yes | Coastal? Yes | Local? No | Playa? No | Other? No | | |
| Farm/Ranch land impacted (acres) 17,171 | | Roadway(s) impacted (miles) | 364 | | | |
| Number of low water crossings 22 | low water crossings 22 | | 22 | | | |

Impacts

Negative impacts?

No

Negative impacts description

N/A

Water supply contributions? No

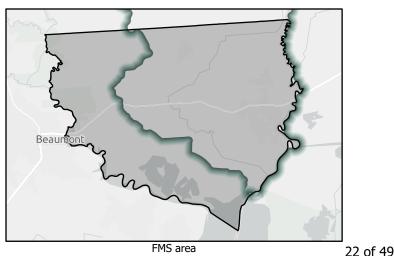
Water supply contribution description None

Estimated Cost

Strategy Cost \$10,000

Amount of available funding

% Nature-Based 0







Regional view of FMS area

Orange County Elevation of Residential Structures Program Title

ID# Sponsor Orange County Drainage District



Drainage area (mi², est.)

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type Property Acquisition and Structural Elevation

Strategy description Elevations of homes within Floodplains throughout County.

Associated FMEs 999999 Associated FMPs 999999

Associated FMSs 999999

120100051005,120100051004,120100051100,120100051003 Watershed HUC# (if known)

County Orange

Goal 1: Reduce exposure of existing structures in flood prone areas by elevating, acquiring, relocating, or otherwise providing flood protection to 10% of structures.

Existing 100-Year Flood Risk

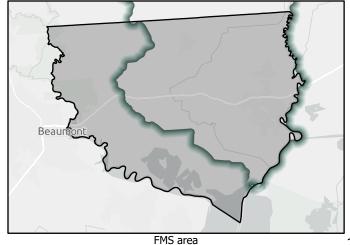
| Population at risk 26,881 | | # 0 | f structures | 16,974 | | Critical facilities | | 276 | | |
|---|-----|----------|--------------|----------------|-----------------|---------------------|----|--------|----|--|
| Flood risk type: Riverine? | Yes | Coastal? | Yes | Local? | No | Playa? | No | Other? | No | |
| Farm/Ranch land impacted (acres) 17,171 | | | | Roadway(s) ir | npacted (miles) | 364 | | | | |
| Number of low water crossings 22 | | | | Historical roa | d closures | 22 | | | | |

Impacts

Negative impacts? No Negative impacts description N/A Water supply contributions? No Water supply contribution description None

Estimated Cost

Amount of available funding **Strategy Cost** \$50,000 % Nature-Based 0





Orange County Drainage District Design Criteria Title

ID# 042000001 Sponsor Orange (County)



RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type Regulatory and Guidance

Strategy description **Update Design Criteria**

Associated FMEs 999999 Associated FMPs 999999

Associated FMSs 999999

120100051100,120100051003,120100051004,120100051005 Watershed HUC# (if known)

Drainage area (mi², est.)

County Orange

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis. Goal 2: Increase number of communities with a comprehensive drainage policy and criteria manuals to reduce flood hazard encouragement and education to include 75% of the region's population.

Goal 3: Increase the number of communities that utilize the latest and most appropriate precipitation data as a basis for design criteria to cover at least 75% of the region's population.

Existing 100-Year Flood Risk

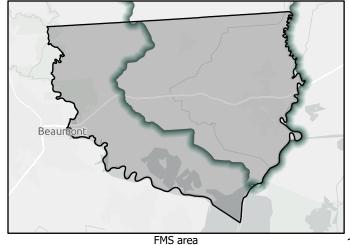
| Population at risk 26,881 | | # 0 | f structures | 16,974 | | Critical facilities | | 276 | | |
|---|-----|----------|--------------|----------------|-----------------|---------------------|----|--------|----|--|
| Flood risk type: Riverine? | Yes | Coastal? | Yes | Local? | No | Playa? | No | Other? | No | |
| Farm/Ranch land impacted (acres) 17,171 | | | | Roadway(s) ir | npacted (miles) | 364 | | | | |
| Number of low water crossings 22 | | | | Historical roa | d closures | 22 | | | | |

Impacts

Negative impacts? Negative impacts description N/A Water supply contributions? No Water supply contribution description None

Estimated Cost

Amount of available funding **Strategy Cost** \$50,000 % Nature-Based 0





Regional view of FMS area

Orange County Drainage District Additional Gages And Warning Systems Title

ID# 042000010 Sponsor Orange County Drainage District



RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type Flood Measurement and Warning

Strategy description $Incorporation\ of\ additional\ rain\ gauges\ and\ flood\ sensors\ throughout\ jurisdiction.$

Associated FMEs 999999 Associated FMPs 999999

Associated FMSs 999999

Watershed HUC# (if known)

Drainage area (mi², est.) 120100051003,120100051004,120100051005,120100051100

County Orange

Goal(s) Goal 1: Increase number of monitoring gages and associated real time reporting technology installed and maintained in the region to 1 in 50% of HUC10s.

Existing 100-Year Flood Risk

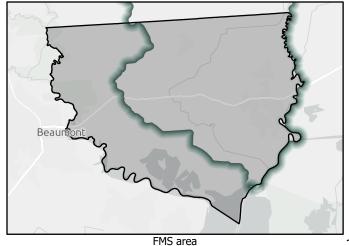
| Population at risk 26,881 | | # 0 | f structures | 16,974 | | Critical facilities | | 276 | | |
|---|-----|----------|--------------|----------------|-----------------|---------------------|----|--------|----|--|
| Flood risk type: Riverine? | Yes | Coastal? | Yes | Local? | No | Playa? | No | Other? | No | |
| Farm/Ranch land impacted (acres) 17,171 | | | | Roadway(s) ir | npacted (miles) | 364 | | | | |
| Number of low water crossings 22 | | | | Historical roa | d closures | 22 | | | | |

Impacts

| Negative impacts? | No | Negative impacts description | N/A |
|-----------------------------|----|---------------------------------------|------|
| Water supply contributions? | No | Water supply contribution description | None |

Estimated Cost

Amount of available funding **Strategy Cost** \$200,000 % Nature-Based 0





Regional view of FMS area

Title Rockwall Countywide Flood Awareness Program

ID# 042000006 Sponsor Rockwall (County)



RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type Education and Outreach

Strategy description Develop a public education and awareness website to educate and inform Rockwall County residents/businesses about the

natural hazards and the potential ways to mitigate them and the ecological and societal benefits of flooding.

Associated FMEs 999999 Associated FMPs 999999

Associated FMSs 999999

Drainage area (mi², est.) 148

Watershed HUC# (if known) 120100010301, 120100010302

County Rockwall

Goal(s) Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

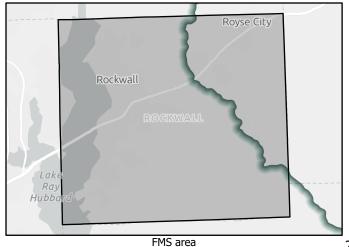
| Population at risk 673 # of structures | | 191 | | Critical facilities 0 | | | | |
|--|--------------|-------------|----------------|-----------------------|--------|----|--------|----|
| Flood risk type: Riverine | Yes | Coastal? No | Local? | No | Playa? | No | Other? | No |
| Farm/Ranch land impacted (| acres) 3,040 | | Roadway(s) ii | mpacted (miles) | 15 | | | |
| Number of low water crossin | gs 11 | | Historical roa | d closures | 11 | | | |

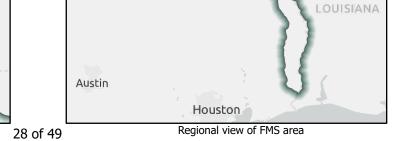
Impacts

| Negative impacts? | No | Negative impacts description | N/A |
|-----------------------------|----|---------------------------------------|------|
| Water supply contributions? | No | Water supply contribution description | None |

Estimated Cost

Strategy Cost \$2,775 Amount of available funding \$0 % Nature-Based 0





City of Fate Flood Access Improvement Title

ID# 042000024 Sponsor Fate (Municipality)



RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type Regulatory and Guidance

Strategy description Add secondary entry/access roads to existing neighborhoods where possible/enforce two entry/access road requirements in

existing code for new construction

Associated FMEs Associated FMPs 999999 999999

Associated FMSs 999999

Drainage area (mi², est.)

120100010301 Watershed HUC# (if known)

County Rockwall

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

Existing 100-Year Flood Risk

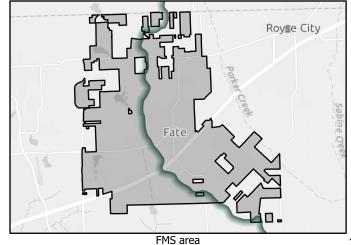
| Population at risk 128 | # of structures | 21 | Critical facilities | 0 |
|--------------------------------------|-----------------|-------------------------|---------------------|-----------|
| Flood risk type: Riverine? Yes | Coastal? No | Local? No | Playa? No | Other? No |
| Farm/Ranch land impacted (acres) 164 | | Roadway(s) impacted | (miles) 3 | |
| Number of low water crossings 1 | | Historical road closure | s 1 | |

Impacts

Negative impacts? No Negative impacts description N/A Water supply contributions? No Water supply contribution description None

Estimated Cost

Amount of available funding **Strategy Cost** \$400,000 % Nature-Based 0





City of Fate Flood Infrastructure Maintenance Title

ID# 042000025 Sponsor Fate (Municipality)



Aligns with RFPG Goals RFPG recommend? Yes Reason for Recommendation

Strategy Details

Strategy type Other

Strategy description Develop and implement a county-wide pre-disaster debris removal and monitoring contracts

Associated FMEs 999999 Associated FMPs 999999

Associated FMSs 999999

Drainage area (mi², est.)

120100010301 Watershed HUC# (if known)

> County Rockwall

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

Existing 100-Year Flood Risk

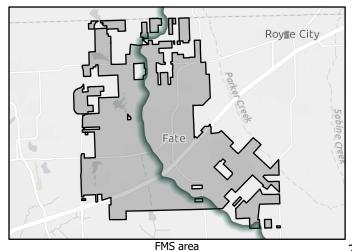
| Population at risk 128 # of structures | | 21 | | Critical facilities 0 | | | | | |
|--|---------|----------|----|-----------------------|-----------------|--------|----|--------|----|
| Flood risk type: Riverine? | Yes | Coastal? | No | Local? | No | Playa? | No | Other? | No |
| Farm/Ranch land impacted (acr | es) 164 | | | Roadway(s) ir | npacted (miles) | 3 | | | |
| Number of low water crossings | 1 | | | Historical roa | d closures | 1 | | | |

Impacts

Negative impacts? Negative impacts description N/A Water supply contributions? No Water supply contribution description None

Estimated Cost

Amount of available funding **Strategy Cost** \$100,000 % Nature-Based 0





Regional view of FMS area

City of Royse City Floodplain Management Ordinances Title

ID# 042000047 Sponsor Royse City (Municipality)



Drainage area (mi², est.)

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type Regulatory and Guidance

Strategy description Update Flood Prevention ordinance, adopting a "no-rise" in Base Flood Elevation in the 100-year floodplain.

Associated FMEs 999999 Associated FMPs 999999

Associated FMSs 999999

120100010202, 120100010301, 120100010302 Watershed HUC# (if known)

County Rockwall, Collin,

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis. Goal 2: Increase number of communities with a comprehensive drainage policy and criteria manuals to reduce flood hazard encouragement and education to include 75% of the region's population.

Existing 100-Year Flood Risk

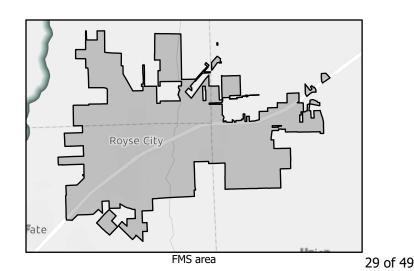
| Population at risk 424 | # of structures | 131 | Critical facilities 0 | |
|--|-----------------|-----------------------------|-----------------------|-----------|
| Flood risk type: Riverine? Yes | Coastal? No | Local? No | Playa? No | Other? No |
| Farm/Ranch land impacted (acres) 1,451 | | Roadway(s) impacted (miles) | 19 | |
| Number of low water crossings 8 | | Historical road closures | 8 | |

Impacts

Negative impacts? Negative impacts description N/A Water supply contributions? No Water supply contribution description None

Estimated Cost

Amount of available funding **Strategy Cost** \$10,000 % Nature-Based 0





City of Royse City "StormReady" Program Title

ID# 042000048 Sponsor Royse City (Municipality)



Drainage area (mi², est.)

Rockwall,

Collin,

County

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type Regulatory and Guidance

Strategy description Achieve certification by the National Weather Service as a "StormReady" Community.

Associated FMEs 999999 Associated FMPs 999999

Associated FMSs 999999

120100010202, 120100010301, 120100010302 Watershed HUC# (if known)

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis. Goal 2: Increase number of communities with a comprehensive drainage policy and criteria manuals to reduce flood hazard encouragement and

education to include 75% of the region's population.

Existing 100-Year Flood Risk

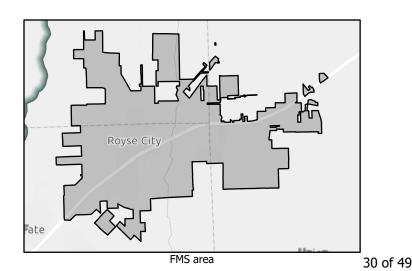
| Population at risk 424 | | # o | f structures | 131 | | Critical | facilities 0 | | |
|-------------------------------|------------|----------|--------------|----------------|-----------------|----------|--------------|--------|----|
| Flood risk type: Riverine? | Yes | Coastal? | No | Local? | No | Playa? | No | Other? | No |
| Farm/Ranch land impacted (ac | res) 1,451 | | | Roadway(s) ir | npacted (miles) | 19 | | | |
| Number of low water crossings | 8 | | | Historical roa | d closures | 8 | | | |

Impacts

Negative impacts? Negative impacts description N/A Water supply contributions? No Water supply contribution description None

Estimated Cost

Amount of available funding **Strategy Cost** \$10,000 % Nature-Based 0





City of Kilgore Flood Infrastructure Inspection and Maintenance Program Title

ID# 042000032 Sponsor Kilgore (Municipality)



RFPG recommend? Yes Aligns with RFPG Goals Reason for Recommendation

Strategy Details

Strategy type Other

Strategy description Investigate the current condition of culverts, headwalls, and repairs to culverts and headwalls

Associated FMEs 999999 Associated FMPs 999999

Associated FMSs 999999

Drainage area (mi², est.) 120100020502,120100020503,120100020506,120100020405

Watershed HUC# (if known)

County Rusk

19

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

Existing 100-Year Flood Risk

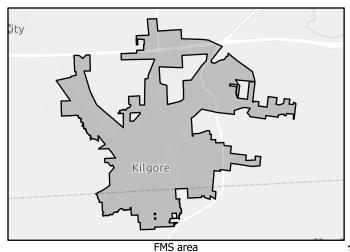
| Population at risk 870 | # of structures | 296 | | Critical | facilities 3 | | |
|-------------------------------------|-----------------|----------------|-----------------|----------|--------------|--------|----|
| Flood risk type: Riverine? Yes | Coastal? No | Local? | No | Playa? | No | Other? | No |
| Farm/Ranch land impacted (acres) 96 | | Roadway(s) ir | npacted (miles) | 15 | | | |
| Number of low water crossings 3 | | Historical roa | d closures | 3 | | | |

Impacts

| Negative impacts? | No | Negative impacts description | N/A |
|-----------------------------|----|---------------------------------------|------|
| Water supply contributions? | No | Water supply contribution description | None |

Estimated Cost

Strategy Cost Amount of available funding \$30,000 % Nature-Based 0





City of Hideaway Dam Reliability Program Title

ID# 042000045 Sponsor Hideaway (Municipality)



Aligns with RFPG Goals RFPG recommend? Yes Reason for Recommendation

Strategy Details

Strategy type Other

Strategy description The city will remove trees from earthen dams on hideaway lakes #2 and #3 to mitigate erosion and assist with soil adhesion.

Associated FMEs 999999 Associated FMPs 999999

Associated FMSs 999999

Drainage area (mi², est.) 120100020102 Watershed HUC# (if known)

County Smith

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

Existing 100-Year Flood Risk

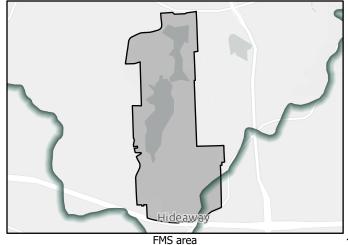
| Population at risk 364 | # of structures | 249 | | Critical | facilities 0 | | |
|------------------------------------|-----------------|--------------------|---------------|----------|--------------|--------|----|
| Flood risk type: Riverine? Yes | Coastal? No | Local? N | lo | Playa? | No | Other? | No |
| Farm/Ranch land impacted (acres) 4 | | Roadway(s) impa | acted (miles) | 1 | | | |
| Number of low water crossings 0 | | Historical road cl | losures | 0 | | | |

Impacts

| Negative impacts? | No | Negative impacts description | N/A |
|-----------------------------|----|---------------------------------------|------|
| Water supply contributions? | No | Water supply contribution description | None |

Estimated Cost

Strategy Cost Amount of available funding \$60,000 % Nature-Based 0





City of Hideaway Flood Awareness Program Title

ID# 042000042 Sponsor Hideaway (Municipality)



RFPG recommend? Yes Aligns with RFPG Goals Reason for Recommendation

Strategy Details

Strategy type **Education and Outreach**

Strategy description Conduct public outreach to educate homeowners on flood mitigation measures for their homes.

Associated FMEs 999999 Associated FMPs 999999

Associated FMSs 999999

Drainage area (mi², est.)

120100020102 Watershed HUC# (if known)

County Smith

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

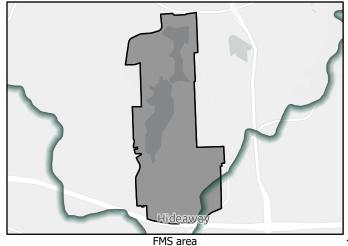
| Population at risk 364 | # of structures | 249 | Critical facilities 0 | |
|------------------------------------|-----------------|-----------------------------|-----------------------|-----------|
| Flood risk type: Riverine? Yes | Coastal? No | Local? No | Playa? No | Other? No |
| Farm/Ranch land impacted (acres) 4 | | Roadway(s) impacted (miles) | 1 | |
| Number of low water crossings 0 | | Historical road closures | 0 | |

Impacts

| Negative impacts? | No | Negative impacts description | N/A |
|-----------------------------|----|---------------------------------------|------|
| Water supply contributions? | No | Water supply contribution description | None |

Estimated Cost

Amount of available funding **Strategy Cost** \$10,500 % Nature-Based 0



33 of 49



City of Hideaway Floodplain Development Regulations Title

ID# 042000043 Sponsor Hideaway (Municipality)



County

Smith

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type Regulatory and Guidance

Strategy description Mandate 2 FT Freeboard on Hideaway Lakes Dams

Associated FMEs 999999 Associated FMPs 999999

Associated FMSs 999999

Drainage area (mi², est.)

120100020102 Watershed HUC# (if known)

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis. Goal 2: Increase number of communities with a comprehensive drainage policy and criteria manuals to reduce flood hazard encouragement and education to include 75% of the region's population.

Existing 100-Year Flood Risk

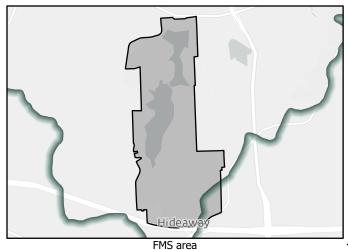
| Population at risk 364 # of structures | | 249 | Critical facilities 0 | |
|--|-------------|-----------------------------|-----------------------|-----------|
| Flood risk type: Riverine? Yes | Coastal? No | Local? No | Playa? No | Other? No |
| Farm/Ranch land impacted (acres) 4 | | Roadway(s) impacted (miles) | 1 | |
| Number of low water crossings 0 | | Historical road closures | 0 | |

Impacts

Negative impacts? Negative impacts description N/A Water supply contributions? No Water supply contribution description None

Estimated Cost

Amount of available funding **Strategy Cost** \$10,000 % Nature-Based 0





City of Hideaway Flood Awareness Program Title

ID# 042000044 Sponsor Hideaway (Municipality)



Aligns with RFPG Goals RFPG recommend? Yes Reason for Recommendation

Strategy Details

Strategy type **Education and Outreach**

Strategy description Public Awareness of Evacuation Routes from rising water from dam failure.

Associated FMEs 999999 Associated FMPs 999999

Associated FMSs 999999

120100020102 Watershed HUC# (if known)

Drainage area (mi², est.)

County Smith

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

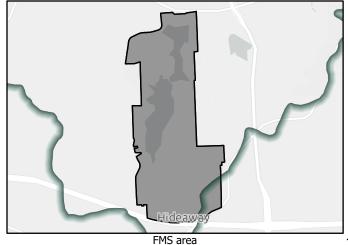
| Population at risk 364 # of structures | | 249 Critical facilities | | | acilities 0 | | | |
|--|-------|-----------------------------|--------------------------|----|-------------|----|--------|----|
| Flood risk type: Riverine? Ye | S Coa | stal? No | Local? | No | Playa? | No | Other? | No |
| Farm/Ranch land impacted (acres) 4 | | Roadway(s) impacted (miles) | | 1 | | | | |
| Number of low water crossings | 0 | | Historical road closures | | 0 | | | |

Impacts

| Negative impacts? | No | Negative impacts description | N/A |
|-----------------------------|----|---------------------------------------|------|
| Water supply contributions? | No | Water supply contribution description | None |

Estimated Cost

Amount of available funding **Strategy Cost** \$10,500 % Nature-Based 0





City of Winona Flood Awareness Program Title

ID# 042000046 Sponsor Winona (Municipality)



RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type **Education and Outreach**

Strategy description Conduct public outreach to homeowners and residents on flood mitigation measures for their residents.

Associated FMEs 999999 Associated FMPs 999999

Associated FMSs 999999

Drainage area (mi², est.) 120100020107, 120100020303 Watershed HUC# (if known)

County Smith

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

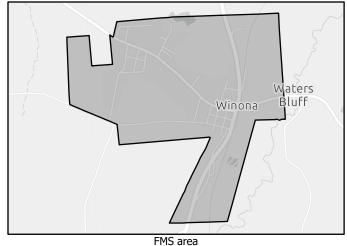
| pulation at risk 8 # of structures | | | Critical facilities 0 | | | |
|-------------------------------------|------------|-----------------------------|-----------------------|-----------|--|--|
| Flood risk type: Riverine? Yes Co | pastal? No | Local? No | Playa? No | Other? No | | |
| Farm/Ranch land impacted (acres) 26 | Ro | Roadway(s) impacted (miles) | 0 | | | |
| Number of low water crossings 0 | His | Historical road closures | 0 | | | |

Impacts

Negative impacts? No Negative impacts description N/A Water supply contributions? No Water supply contribution description None

Estimated Cost

Amount of available funding **Strategy Cost** \$104,000 % Nature-Based 0



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City of Edgewood Flood Infrastructure Maintenance Title

ID# 042000012 Sponsor Edgewood (Municipality)



Drainage area (mi², est.)

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type Other

Strategy description Adopt and implement a program for clearing debris from bridges, drains, and culverts

Associated FMEs 999999 Associated FMPs 999999

Associated FMSs 999999

120100010502,120100010504 Watershed HUC# (if known)

County Van Zandt

Goal 1: Increase number of communities with documented, operational and funded stormwater asset management plan and maintenance

operations to 50%.

Existing 100-Year Flood Risk

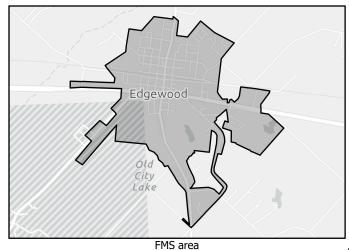
| Population at risk 22 # of structures | | 27 | | Critical facilities 0 | | | | |
|---------------------------------------|----------|-----------------------------|-----------------|-----------------------|--------|----|--------|----|
| Flood risk type: Riverine? Ye | Coastal? | No | Local? | No | Playa? | No | Other? | No |
| Farm/Ranch land impacted (acres) 29 | | Roadway(s) impacted (miles) | | 1 | | | | |
| Number of low water crossings | | | Historical road | closures | 0 | | | |

Impacts

Negative impacts? No Negative impacts description N/A Water supply contributions? No Water supply contribution description None

Estimated Cost

Amount of available funding **Strategy Cost** \$100,000 % Nature-Based 0



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City of Grand Saline Flood Infrastructure Maintenance Title

ID# 042000019 Sponsor Grand Saline (Municipality)



RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type

Other

Strategy description

Adopt and implement a program for clearing debris from bridges, drains, and culverts

Associated FMEs

999999

Associated FMPs

999999

County

Associated FMSs

999999

120100010601,

Drainage area (mi², est.)

Van Zandt

Watershed HUC# (if known)

Goal 1: Increase number of communities with documented, operational and funded stormwater asset management plan and maintenance

operations to 50%.

Existing 100-Year Flood Risk

| opulation | at risk | 178 |
|-----------|---------|-----|
|-----------|---------|-----|

of structures

82

Critical facilities

Flood risk type:

Riverine? Yes

Coastal?

Local?

No

Playa?

2

0

Nο

Other?

No

Farm/Ranch land impacted (acres) 24

Number of low water crossings

Roadway(s) impacted (miles) Historical road closures

Impacts

Negative impacts?

No

Negative impacts description

N/A

Water supply contributions? No

Water supply contribution description None

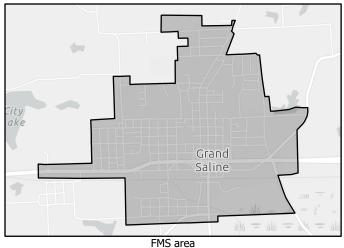
Estimated Cost

Strategy Cost

\$100,000

Amount of available funding

% Nature-Based 0



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Van Zandt County Wide Floodplain Development Regulations Title

ID# 042000005 Sponsor Van Zandt (County)



RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type Regulatory and Guidance

Strategy description Incorporate higher standards for flood hazard resiliency in local application of the building code.

Associated FMEs 999999 Associated FMPs 999999

Associated FMSs 999999

Drainage area (mi², est.) 856 120100010407, 120100010502, 120100010503, 120100010501,

Watershed HUC# (if known) 120100010504, 120100010603, 120100010601, 120100010507, County Van Zandt

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis. Goal 2: Increase number of communities with a comprehensive drainage policy and criteria manuals to reduce flood hazard encouragement and education to include 75% of the region's population.

Existing 100-Year Flood Risk

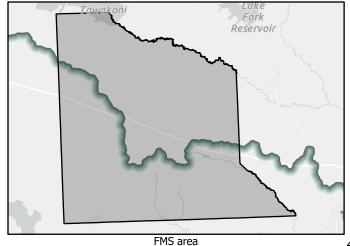
| Population at risk 1,471 # of structur | | f structures | 1,080 | | Critical facilities | | | | |
|---|-----|-----------------------------|-------|--------------------------|---------------------|--------|----|--------|----|
| Flood risk type: Riverine? | Yes | Coastal? | No | Local? | No | Playa? | No | Other? | No |
| Farm/Ranch land impacted (acres) 26,372 | | Roadway(s) impacted (miles) | | 79 | | | | | |
| Number of low water crossings | 9 | | | Historical road closures | | 9 | | | |

Impacts

Negative impacts? Negative impacts description Nο N/A Water supply contributions? No Water supply contribution description None

Estimated Cost

Amount of available funding **Strategy Cost** \$10,000 % Nature-Based 0



Regional view of FMS area

Houston

Dallas

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Austin

City of Fruitvale "StormReady" Program Title

ID# 042000014 Sponsor Fruitvale (Municipality)



RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type Regulatory and Guidance

Strategy description Obtain certification in the National Weather Service StormReady Program.

Associated FMEs 999999 Associated FMPs 999999

Associated FMSs 999999

120100010504, 120100010601 Watershed HUC# (if known)

Drainage area (mi², est.)

County Van Zandt

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis. Goal 2: Increase number of communities with a comprehensive drainage policy and criteria manuals to reduce flood hazard encouragement and education to include 75% of the region's population.

Existing 100-Year Flood Risk

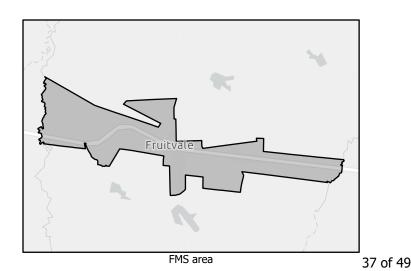
| Population at risk 12 # of structures | | 4 | | Critical facilities 0 | | | |
|---------------------------------------|---------------|--------------------------|----|-----------------------|----|--------|----|
| Flood risk type: Riverine? Yes | Coastal? No | Local? | No | Playa? | No | Other? | No |
| Farm/Ranch land impacted (acres) 127 | Roadway(s) ir | mpacted (miles) | 2 | | | | |
| Number of low water crossings 0 | | Historical road closures | | 0 | | | |

Impacts

Negative impacts? Negative impacts description N/A Water supply contributions? No Water supply contribution description None

Estimated Cost

Amount of available funding **Strategy Cost** \$10,000 % Nature-Based 0





City of Fruitvale Flood Emergency Notification System Title

ID# 042000015 Sponsor Fruitvale (Municipality)



RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type Flood Measurement and Warning

Strategy description Implement and enhance an area-wide telephone Emergency Notification System ("Reverse 911").

Associated FMEs 999999 Associated FMPs 999999

Associated FMSs 999999

Drainage area (mi², est.) 120100010504, 120100010601 Watershed HUC# (if known)

County Van Zandt

Goal(s) Goal 1: Increase number of monitoring gages and associated real time reporting technology installed and maintained in the region to 1 in 50% of

Goal 2: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

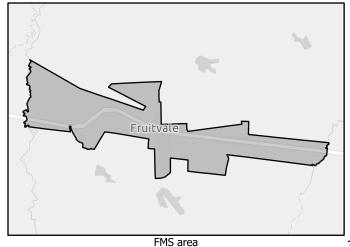
| Population at risk 12 # of structures | | 4 Critical facilities 0 | | | | | |
|---------------------------------------|---------------|--------------------------|----|--------|----|--------|----|
| Flood risk type: Riverine? Yes | Coastal? No | Local? | No | Playa? | No | Other? | No |
| Farm/Ranch land impacted (acres) 127 | Roadway(s) ir | mpacted (miles) | 2 | | | | |
| Number of low water crossings 0 | | Historical road closures | | 0 | | | |

Impacts

Negative impacts? No Negative impacts description N/A Water supply contributions? No Water supply contribution description None

Estimated Cost

Amount of available funding **Strategy Cost** \$10,000 % Nature-Based 0



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City of Van "StormReady" Program Title

ID# 042000016 Sponsor Van (Municipality)



RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type Regulatory and Guidance

Strategy description Obtain certification in the National Weather Service StormReady Program.

Associated FMEs 999999 Associated FMPs 999999

Associated FMSs 999999

120100010608, 120100010607 Watershed HUC# (if known)

Drainage area (mi², est.)

County Van Zandt

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis. Goal 2: Increase number of communities with a comprehensive drainage policy and criteria manuals to reduce flood hazard encouragement and education to include 75% of the region's population.

Existing 100-Year Flood Risk

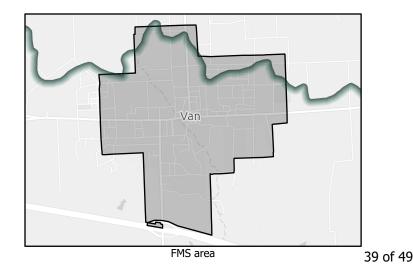
| Population at risk 0 # of structures | | 0 | Critical facilities 0 | |
|--------------------------------------|-------------|-----------------------------|-----------------------|-----------|
| Flood risk type: Riverine? Yes | Coastal? No | Local? No | Playa? No | Other? No |
| Farm/Ranch land impacted (acres) 0 | | Roadway(s) impacted (miles) | 0 | |
| Number of low water crossings 0 | | Historical road closures | 0 | |

Impacts

Negative impacts? No Negative impacts description N/A Water supply contributions? No Water supply contribution description None

Estimated Cost

Amount of available funding **Strategy Cost** \$10,000 % Nature-Based 0





Title City of Van Flood Infrastructure Maintenance

ID# 042000017 Sponsor Van (Municipality)



RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type Other

Strategy description Adopt and implement a program for clearing debris from bridges, drains and culverts.

Associated FMEs 999999 Associated FMPs 999999

Associated FMSs 999999

Watershed HUC# (if known) 120100010608, 120100010607 Drainage area (mi², est.) 3

County Van Zandt

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

Existing 100-Year Flood Risk

| Population at risk 0 | on at risk 0 # of structures | | | Critical facilities 0 | | | |
|-------------------------------------|------------------------------|-----------------|------------|-----------------------|----|--------|----|
| Flood risk type: Riverine? Yes Coas | tal? No | Local? | No | Playa? | No | Other? | No |
| Farm/Ranch land impacted (acres) 0 | Roadway(s) ir | npacted (miles) | 0 | | | | |
| Number of low water crossings 0 | | Historical roa | d closures | 0 | | | |

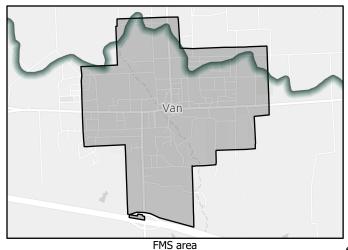
Impacts

 Negative impacts?
 No
 Negative impacts description
 N/A

 Water supply contributions?
 No
 Water supply contribution description
 None

Estimated Cost

Strategy Cost \$50,000 Amount of available funding \$0 % Nature-Based 0



Houston Regional view of FMS area

LOUISIANA

Dallas

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Austin

City of Edgewood Emergency Siren Program Title

ID# 042000011 Sponsor Edgewood (Municipality)



RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type Flood Measurement and Warning

Strategy description Purchase and install outdoor warning sirens.

Associated FMEs 999999 Associated FMPs 999999

Associated FMSs 999999

120100010502, 120100010504 Watershed HUC# (if known)

Drainage area (mi², est.)

County Van Zandt

Goal 1: Increase number of monitoring gages and associated real time reporting technology installed and maintained in the region to 1 in 50% of HUC10s.

Existing 100-Year Flood Risk

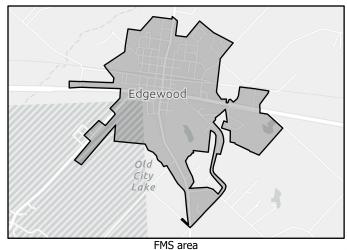
| Population at risk 22 # of structure | | f structures | 27 | | Critical facilities 0 | | | | |
|--------------------------------------|-----|-----------------------------|----|----------------|-----------------------|--------|----|--------|----|
| Flood risk type: Riverine? | Yes | Coastal? | No | Local? | No | Playa? | No | Other? | No |
| Farm/Ranch land impacted (acres) 29 | | Roadway(s) impacted (miles) | | 1 | | | | | |
| Number of low water crossings | 0 | | | Historical roa | d closures | 0 | | | |

Impacts

Negative impacts? No Negative impacts description N/A Water supply contributions? No Water supply contribution description None

Estimated Cost

Amount of available funding **Strategy Cost** \$10,000 % Nature-Based 0



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Title City of Grand Saline "StormReady" Program

ID# 042000018 Sponsor Grand Saline (Municipality)



RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type Regulatory and Guidance

Strategy description Obtain certification in the National Weather Service StormReady Program.

Associated FMEs 999999 Associated FMPs 999999

Associated FMSs 999999

Watershed HUC# (if known) 120100010601, 120100010605

Drainage area (mi², est.) 2

County Van Zandt

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis. Goal 2: Increase number of communities with a comprehensive drainage policy and criteria manuals to reduce flood hazard encouragement and education to include 75% of the region's population.

Existing 100-Year Flood Risk

| Population at risk 178 | # of structures | 82 | Critical facilities 1 | |
|-------------------------------------|-----------------|-----------------------------|-----------------------|-----------|
| Flood risk type: Riverine? Yes | Coastal? No | Local? No | Playa? No | Other? No |
| Farm/Ranch land impacted (acres) 24 | | Roadway(s) impacted (miles) | 2 | |
| Number of low water crossings 0 | | Historical road closures | 0 | |

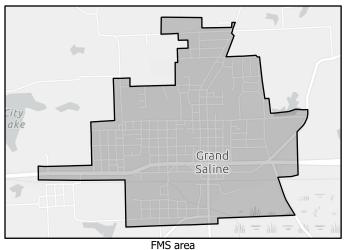
Impacts

 Negative impacts?
 No
 Negative impacts description
 N/A

 Water supply contributions?
 No
 Water supply contribution description
 None

Estimated Cost

Strategy Cost \$10,000 Amount of available funding \$0 % Nature-Based 0



Austin

Houston

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Regional view of FMS area

Dallas

City of Wills Point "StormReady" Program

ID# 042000020 Sponsor Wills Point (Municipality)



RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Title

Strategy type Regulatory and Guidance

Strategy description Obtain certification in the National Weather Service StormReady Program.

Associated FMEs 999999 Associated FMPs 999999

Associated FMSs 999999

Drainage area (mi², est.) 120100010501, 120100010502 Watershed HUC# (if known)

County Van Zandt

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis. Goal 2: Increase number of communities with a comprehensive drainage policy and criteria manuals to reduce flood hazard encouragement and education to include 75% of the region's population.

Existing 100-Year Flood Risk

| Population at risk 29 | | | f structures | 12 | | Critical facilities 0 | | | |
|-------------------------------|--------|----------|--------------|----------------|-----------------|-----------------------|----|--------|----|
| Flood risk type: Riverine? | Yes | Coastal? | No | Local? | No | Playa? | No | Other? | No |
| Farm/Ranch land impacted (acr | es) 47 | | | Roadway(s) ir | npacted (miles) | 0 | | | |
| Number of low water crossings | 0 | | | Historical roa | d closures | 0 | | | |

Impacts

Negative impacts? Negative impacts description N/A Water supply contributions? No Water supply contribution description None

Estimated Cost

Amount of available funding **Strategy Cost** \$10,000 % Nature-Based 0





City of Wills Point Flood Emergency Notification System Title

ID# 042000021 Sponsor Wills Point (Municipality)



RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type Flood Measurement and Warning

Strategy description Implement and enhance an area-wide telephone Emergency Notification System ("Reverse 911").

Associated FMEs 999999 Associated FMPs 999999

Associated FMSs 999999

120100010501, 120100010502 Watershed HUC# (if known)

County Van Zandt

Drainage area (mi², est.)

Goal(s) Goal 1: Increase number of monitoring gages and associated real time reporting technology installed and maintained in the region to 1 in 50% of

Goal 2: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

| Population at risk 29 # of | structures | 12 | | Critical facilities 0 | | | |
|---|------------|-----------------|----------------|-----------------------|----|--------|----|
| Flood risk type: Riverine? Yes Coastal? | No | Local? | No | Playa? | No | Other? | No |
| Farm/Ranch land impacted (acres) 47 | | Roadway(s) im | pacted (miles) | 0 | | | |
| Number of low water crossings 0 | | Historical road | l closures | 0 | | | |

Impacts

Negative impacts? No Negative impacts description N/A Water supply contributions? No Water supply contribution description None

Estimated Cost

Amount of available funding **Strategy Cost** \$10,200 % Nature-Based 0





Title City of Wills Point Flood Infrastructure Maintenance

ID# 042000022 Sponsor Wills Point (Municipality)



RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type Other

Strategy description Adopt and implement a program for clearing debris from bridges, drains and culverts.

Associated FMEs 999999 Associated FMPs 999999

Associated FMSs 999999

Watershed HUC# (if known) 120100010501, 120100010502 Drainage area (mi², est.) 4

County Van Zandt

Goal 1: Increase number of communities with documented, operational and funded stormwater asset management plan and maintenance

operations to 50%.

Existing 100-Year Flood Risk

| Population at risk 29 | # of structur | s 12 | | Critical f | acilities 0 | | | |
|---------------------------------|---------------|------------|----------------|-----------------|-------------|----|--------|----|
| Flood risk type: Riverine? Ye | es Co | pastal? No | Local? | No | Playa? | No | Other? | No |
| Farm/Ranch land impacted (acres | 47 | | Roadway(s) ir | npacted (miles) | 0 | | | |
| Number of low water crossings | 0 | | Historical roa | d closures | 0 | | | |

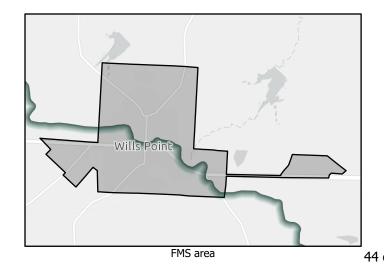
Impacts

 Negative impacts?
 No
 Negative impacts description
 N/A

 Water supply contributions?
 No
 Water supply contribution description
 None

Estimated Cost

Strategy Cost \$51,000 Amount of available funding \$0 % Nature-Based 0



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Houston

Austin

LOUISIANA

Dallas

Title City of Wills Point Flood Awareness Program

ID# 042000023 Sponsor Wills Point (Municipality)



RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

Strategy Details

Strategy type Education and Outreach

Strategy description Educate community on the dangers of low water crossings through the installation of warning signs and promotion of "Turn

Around, Don't Drown" Program.

Associated FMEs 999999 Associated FMPs 999999

Associated FMSs 999999

Drainage area (mi², est.) 4

Watershed HUC# (if known) 120100010501, 120100010502

County Van Zandt

Goal(s) Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Goal 2: Install warning signage at 100% of identified low water crossings in the floodplain and coordinate with TxDOT where applicable.

Existing 100-Year Flood Risk

| Population at risk 29 | | | f structures | 12 | | Critical facilities 0 | | | | |
|-------------------------------|--------|----------|--------------|----------------|-----------------|-----------------------|----|--------|----|--|
| Flood risk type: Riverine? | Yes | Coastal? | No | Local? | No | Playa? | No | Other? | No | |
| Farm/Ranch land impacted (acr | es) 47 | | | Roadway(s) ir | npacted (miles) | 0 | | | | |
| Number of low water crossings | 0 | | | Historical roa | d closures | 0 | | | | |

Impacts

 Negative impacts?
 No
 Negative impacts description
 N/A

 Water supply contributions?
 No
 Water supply contribution description
 None

Estimated Cost

Strategy Cost \$10,200 Amount of available funding \$0 % Nature-Based 0

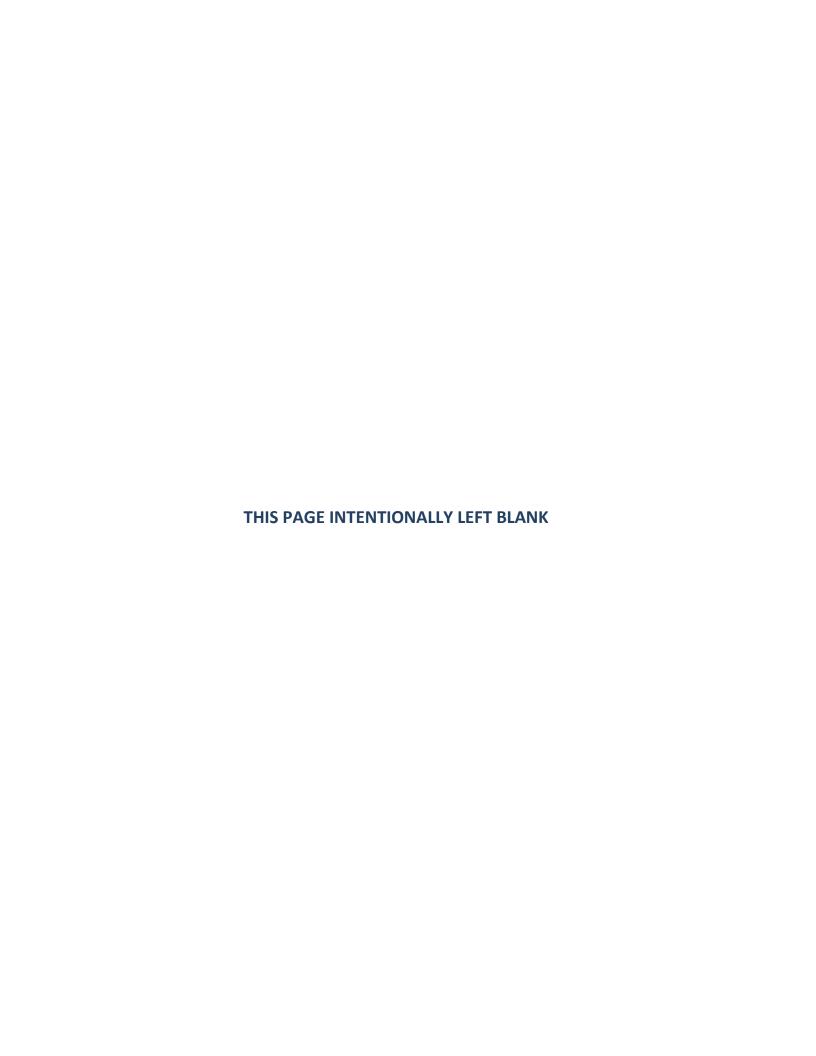




Regional view of FMS area

Dallas

APPENDIX 5-D PROJECT DETAILS



| Sanochripman | Same & Society - Pro-Project Assempt Supplied (Reading (AMI-year) | Serve in Security - Generality Secul (is Population) | Some in Floral Main Restaurborn Source in Floral Humanyo Restaurborn | Sane & Critical Facilities framage Reduction | Secret Silv and Salary | Same It Maker Supply | Sans & Solic/IndoneSity Source Report | Same till Multiple Bandika. | Some SE-MAN Some SE-MAN Some SE-MAN SERVICE SE | Score till dississemental kanadia Score till dississemental impure | Same All Middley Same All Regional |
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| | | | Score 4: Flood Da | amage Reduction | | | | Score 5: Critical Facili | ties Damage Reduction | | | Score 6: Lif | e and Safety | | | | Score 7: W | ater Supply | | |
|-----------|--|-----------------------|---------------------------|-----------------|---------------------------------|---------|---|--------------------------|--|---|-----------------------------|--------------|---|---------|--------------------------------------|----------|------------|-------------|-------------------------------|---------|
| FMP | # of Structures with Reduced 1% Annual Chance Flood Risk | Pre-Project Damage \$ | Post-Project Damage \$ | Notes 4 | Flood Damage Reduction | Score 4 | # of Critical Faciliites Removed from 1% Annual Chance FP | Notes 5 | Reduction in Critical Facilities Flood Risk | | Adjusted Injury Risk (%) | Notes 6 | Life and Safety Ranking (Injury/Loss of Life) | Score 6 | Water Supply Benefit in Acre-Feet | SourceID | WMS_ID | Notes 7 | Water Supply Yield Ranking | Score 7 |
| 043000017 | | | | | | | 9 | | Reduced risk for <10% of critical facilities in floodplain | 1 | 27.5 | | Life/injury risk percentage >30% | 6 | NA . | | | | No impact on water supply | 0 |
| 043000018 | | | | | Flood damage reduction < 25% | 2 | . 0 | | Reduced risk for 0 structures in floodplain | C | 80.5 | | Life/injury risk percentage >50% | 10 | NA . | | | | No impact on water supply | 0 |

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| | | Score 8: Socia | al Vulnerability | | | Score 9: Nature | e-Based Solution | | Score 10: Multiple Benefites | | | | | Score 11: O&M | | |
|-----------|-----------|----------------|---|---------|------------------------------------|-----------------|--|---------|----------------------------------|----------|---|----------|-------------------|---------------|--|----------|
| FMP | SVI Score | Notes 8 | Social Vulnerability Ranking | Score 8 | % Nature Based Solution by Cost | Notes 9 | Nature-Based Solutions Ranking | Score 9 | Multiple Benefits Description | Notes 10 | Multiple Benefit Ranking | Score 10 | O&M Cost (Annual) | Notes 11 | Operations and Maintenance Ranking | Score 11 |
| 043000017 | 0.80566 | | SVI between 0.75-1.00 (high vulnerability) | 10 | 0 | | <25% of the project cost is nature-based | 1 | Environmental | | Project delivers benefits in 2 wider benefit categories | 4 | 195000 | | Project will require ongoing operation and maintenance outside of the owner's regular maintenance practices; long term O&M requirements are undefined; and/or high annual O&M cost > 1% of project (high); | 4 |
| 043000018 | 0.962 | | SVI between 0.75-1.00 (high vulnerability) | 10 | 0 | | <25% of the project cost is nature-based | 1 | 0 | | Project does not deliver any wider benefits | C | 0 | | Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular); | 7 |

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| | Score 12: Admin, Regulatory Obstacles | | | Score 13: Enviromental Benefit | | | | Score 14: Environmental Impact | | | Score 15: Mobility | | | |
|-----------|---------------------------------------|--|----------|--------------------------------|--|----------|----------|--|----------|----------------------------------|--------------------|---|----------|--|
| FMP | Notes 12 | Administrative, Regulatory and Other Obstacle Ranking | Score 12 | Notes 13 | Environmental Benefit Ranking | Score 13 | Notes 14 | Environmental Impact Ranking | Score 14 | Traffic Count for LWC Project | Notes 15 | Mobility Ranking | Score 15 | |
| 043000017 | | Project has a high number of administrative, regulatory and limitations / requirements | 2 | | Project will deliver a high level of environmental benefits (4+ categories) | 10 | | Project has no adverse environmental impacts | 10 | | | Project will protect some major access routes in floodplain and the majority (>50%) of emergency service access. Some major and many minor access routes will remain flooded, and emergency services access may be restricted in some areas | 4 | |
| 043000018 | | Project has few administrative, regulatory and implementation limitations / requirements | 10 | | Project will deliver a low level of environmental benefits (1 category) | 3 | | Project has no adverse environmental impacts | 10 | | | Project will protect some major access routes in floodplain and the majority (>50%) of emergency service access. Some major and many minor access routes will remain flooded, and emergency services access may be restricted in some areas | 4 | |

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| | Score 16: Regional | | | | | | | | | |
|-----------|--------------------|---|----------|--|--|--|--|--|--|--|
| FMP | Project Count | Regional Ranking | Score 16 | | | | | | | |
| 043000017 | 2 | Project region has recommended <10% of total projects | 10 | | | | | | | |
| 043000018 | 2 | Project region has recommended <10% of total projects | 10 | | | | | | | |

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