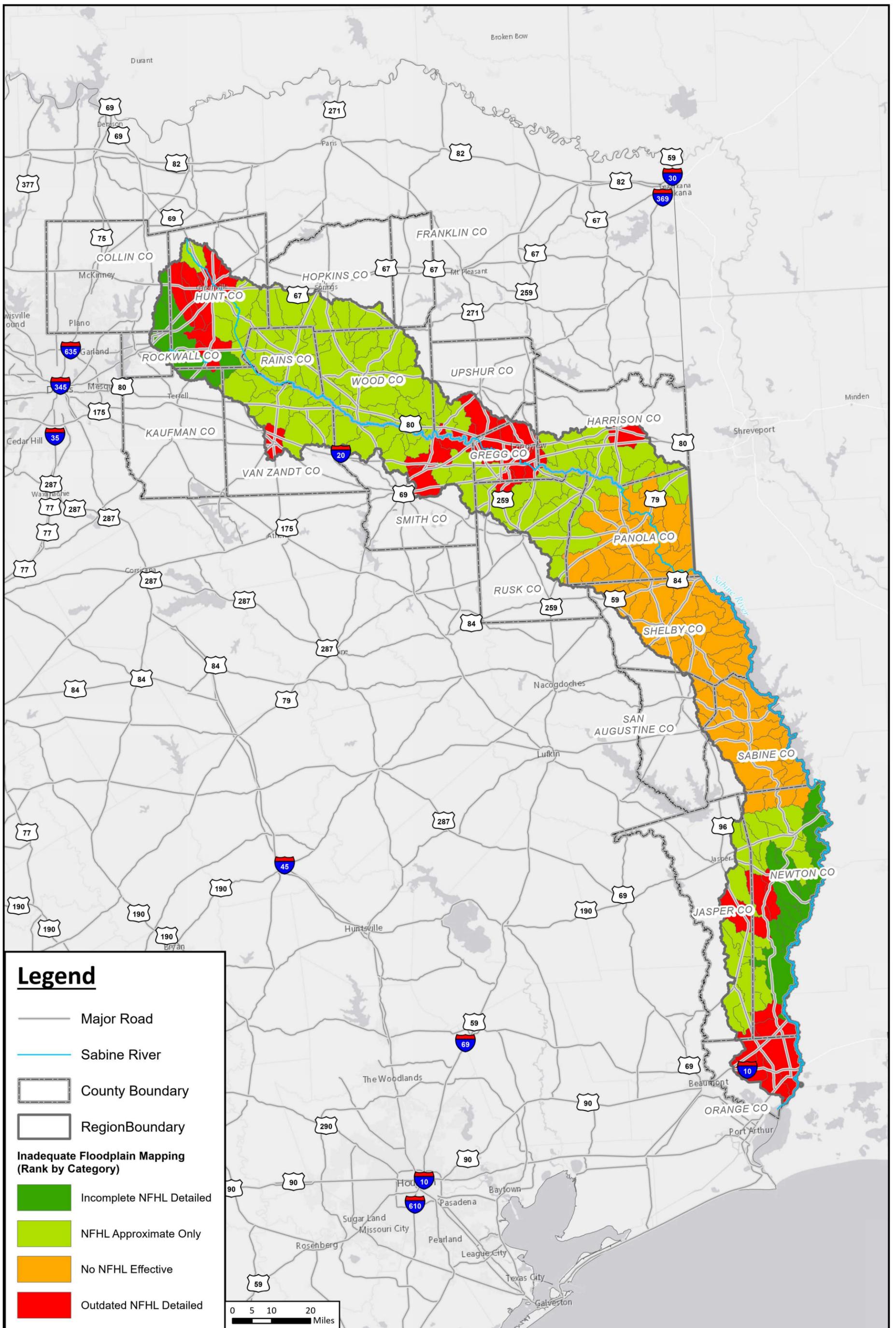
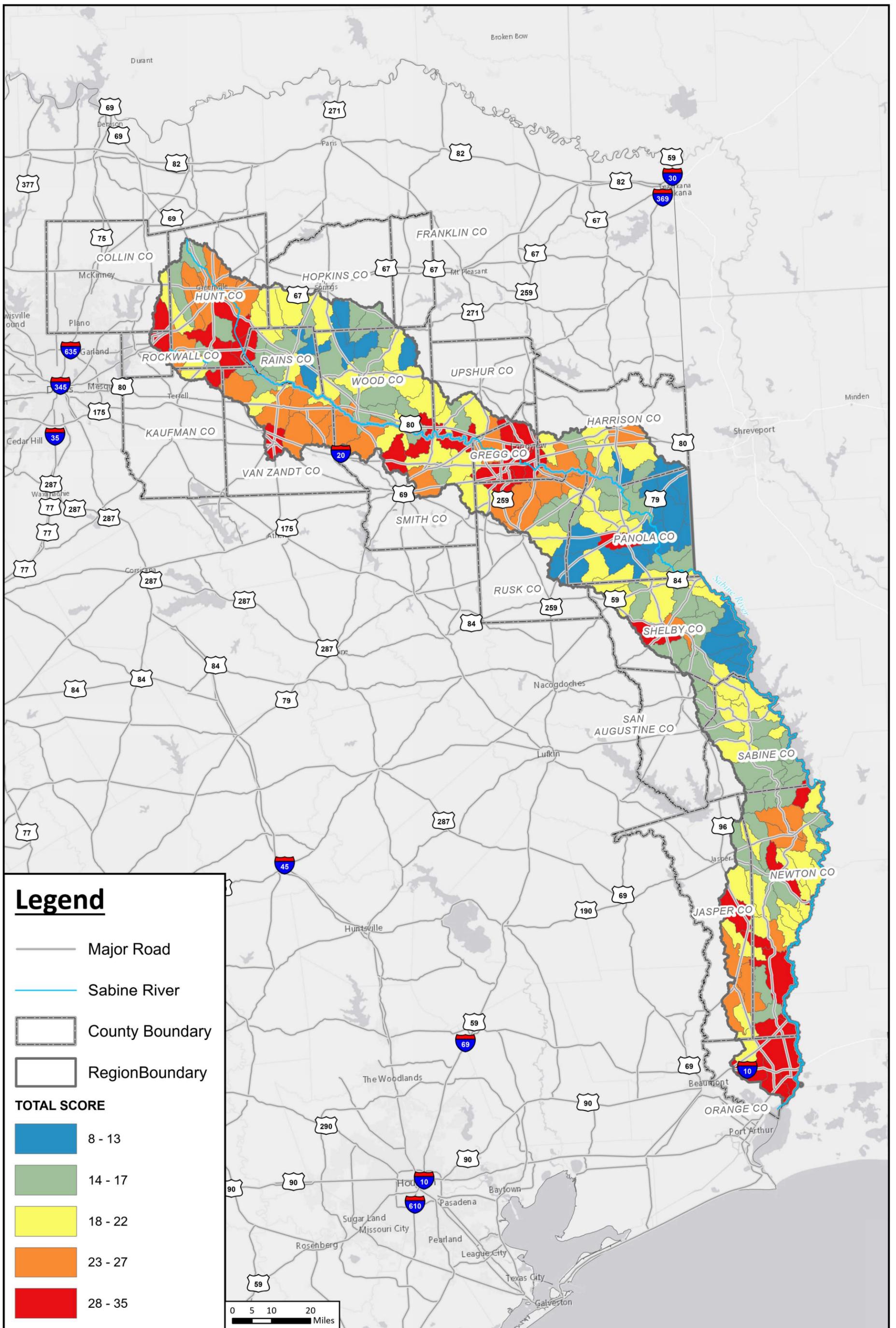
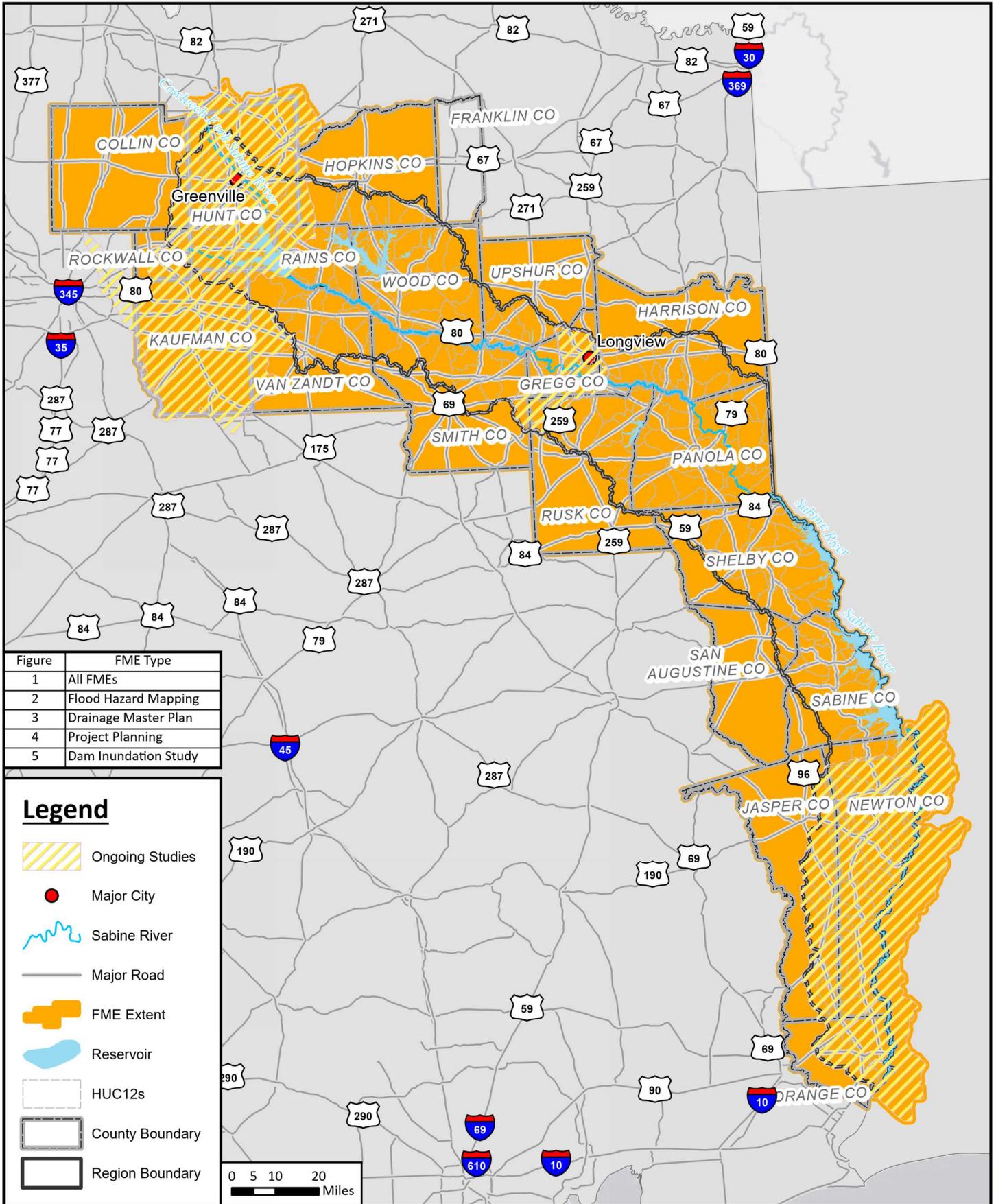


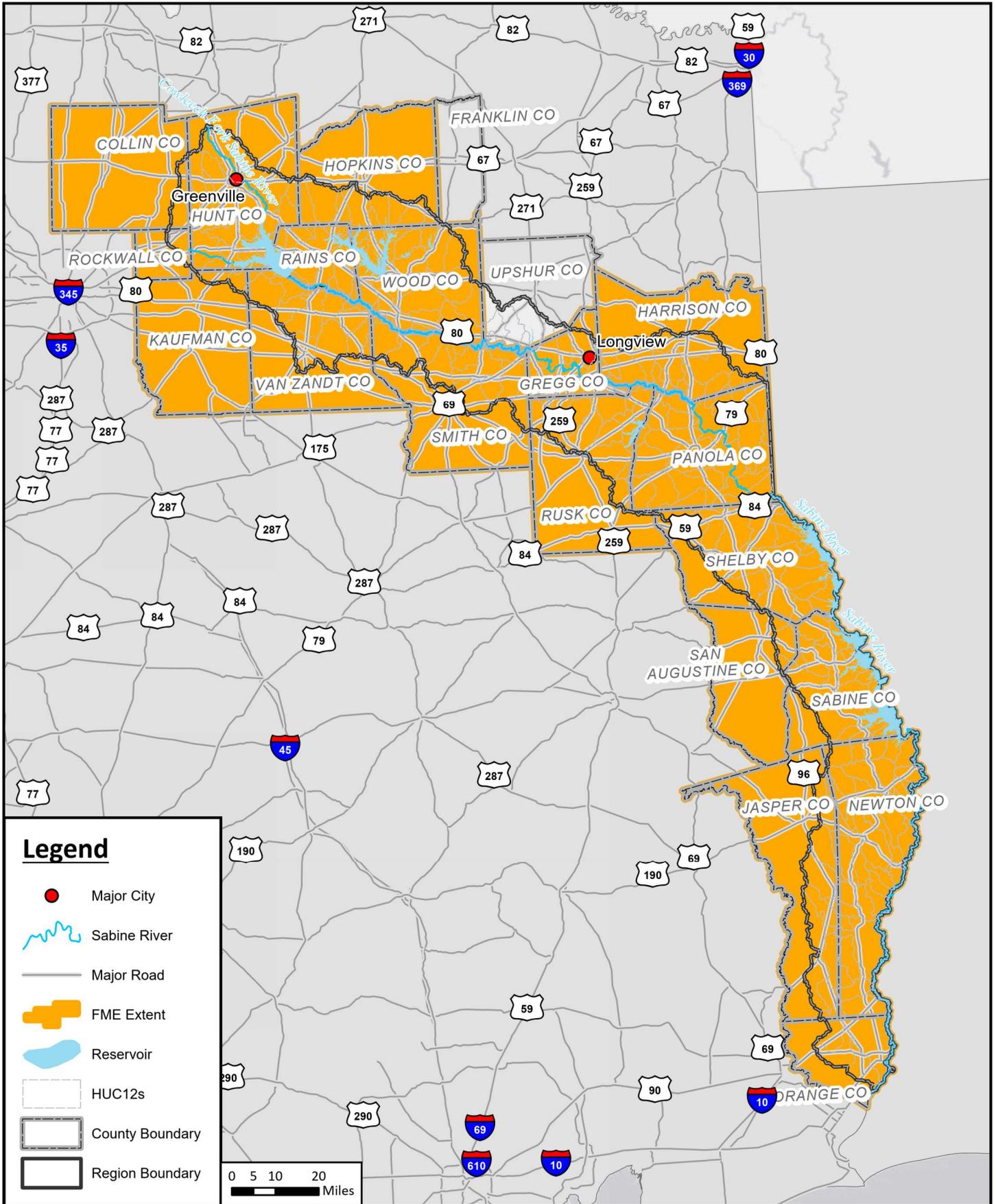
**APPENDIX 4-A**  
**SUPPORTING MAPS FOR CHAPTER 4**

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**Legend**

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



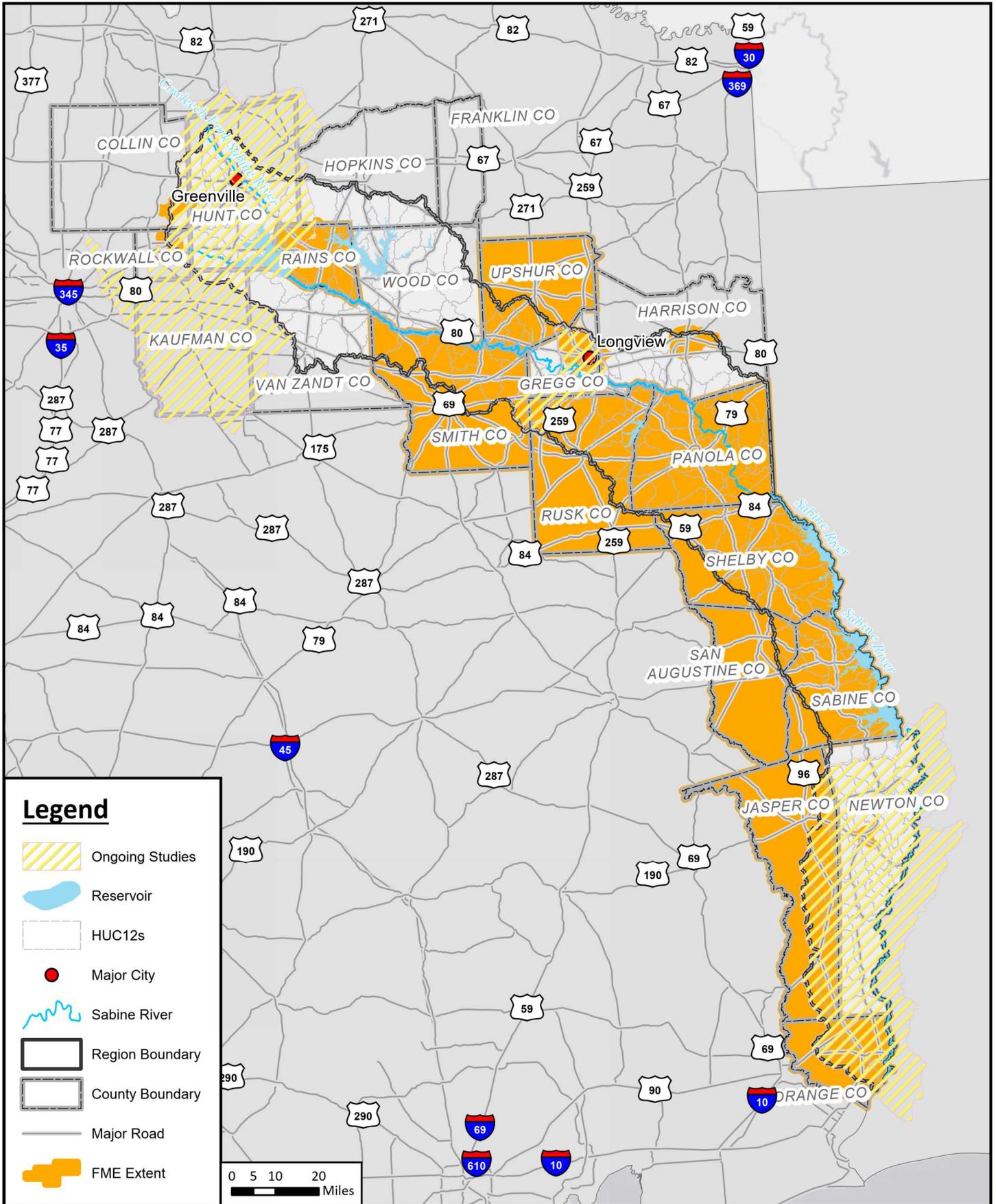
REGION 4

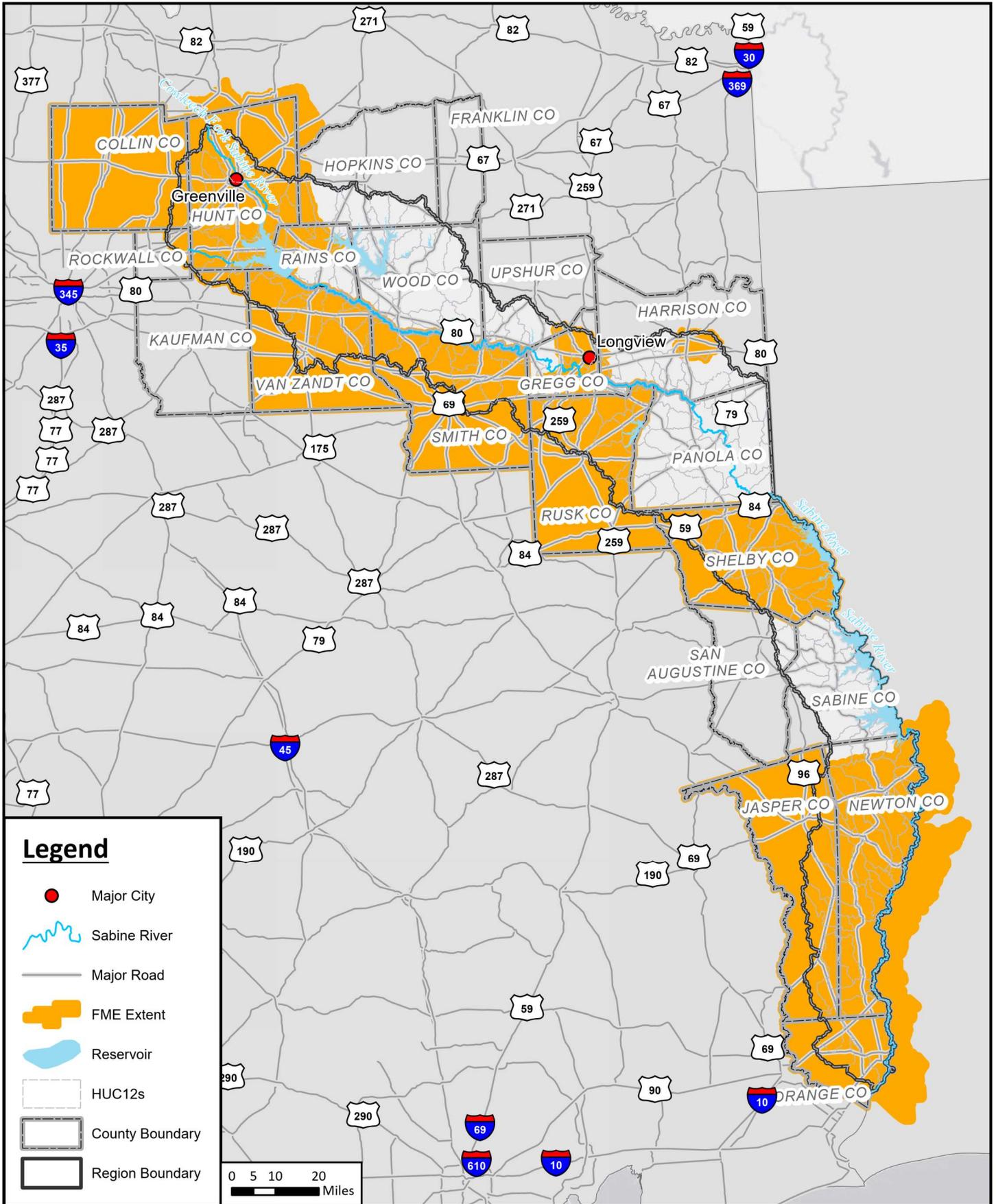
**Sabine Regional Flood Plan**

Extent of Potential Flood Management Evaluations: Flood Hazard Mapping



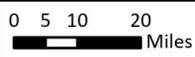
**MAP 16**  
FIGURE 2 of 5





**Legend**

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

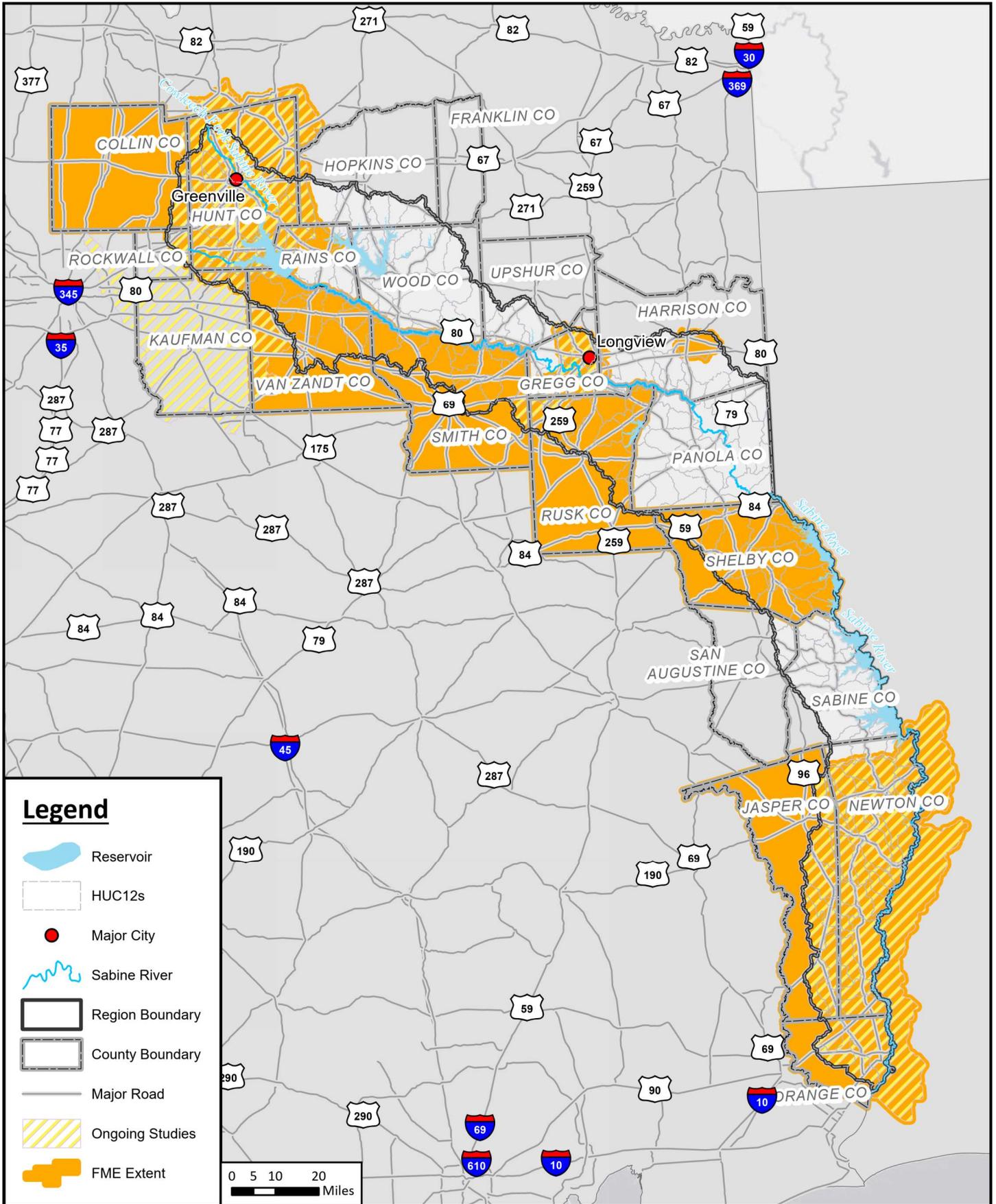


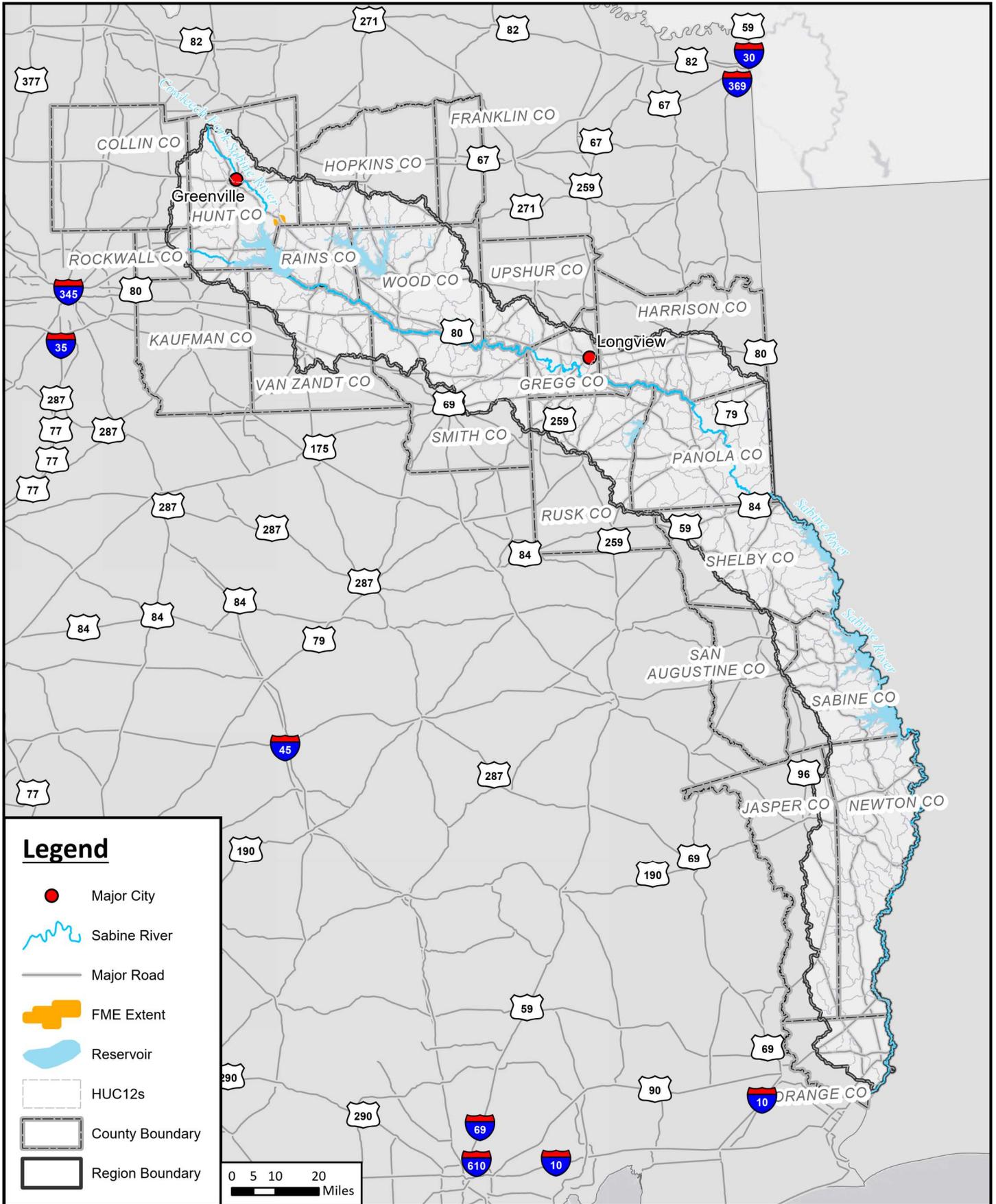
**Sabine Regional Flood Plan**

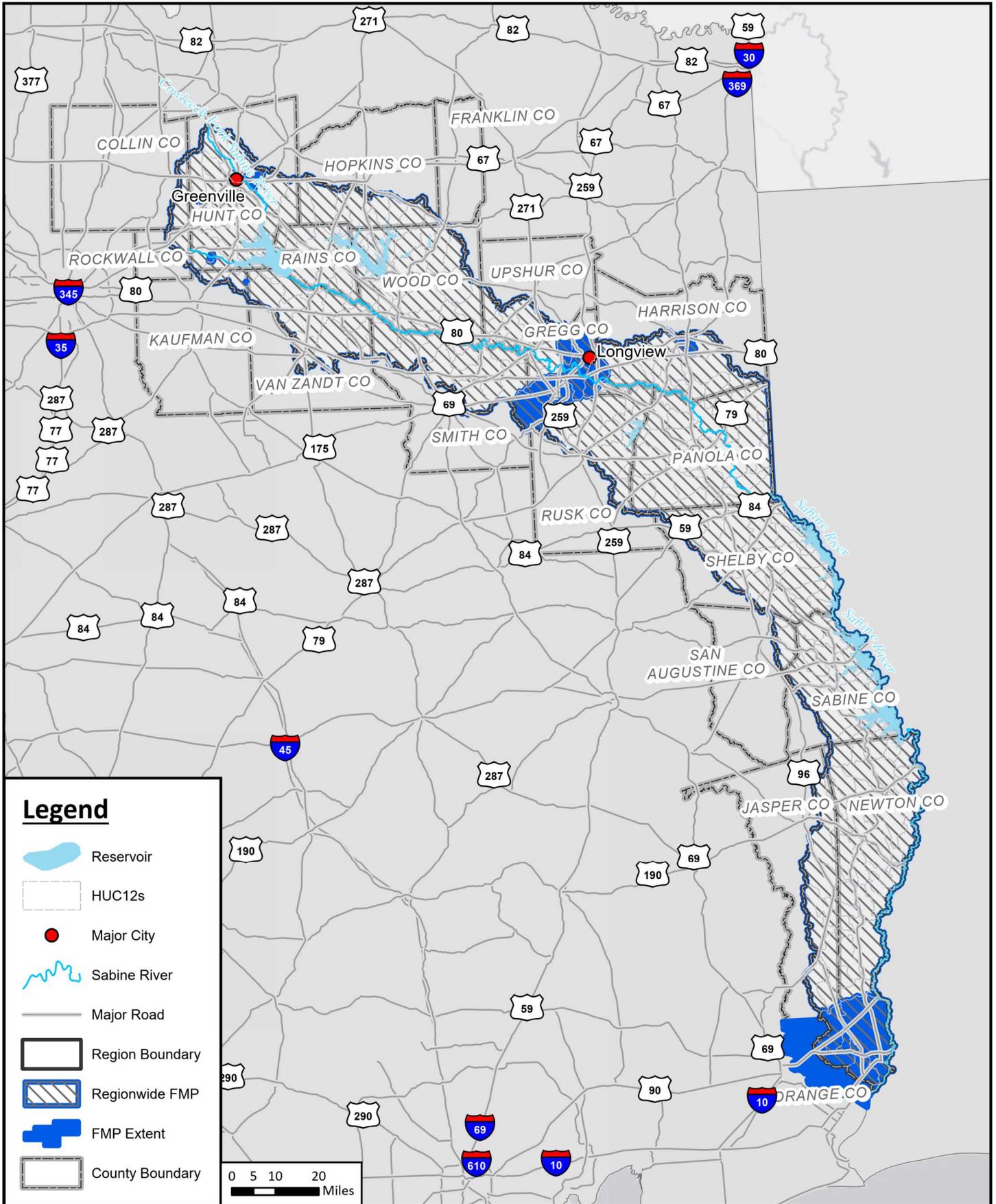
Extent of Potential Flood Management Evaluations: Project Planning



**MAP 16**  
FIGURE 4 of 5







REGION 4

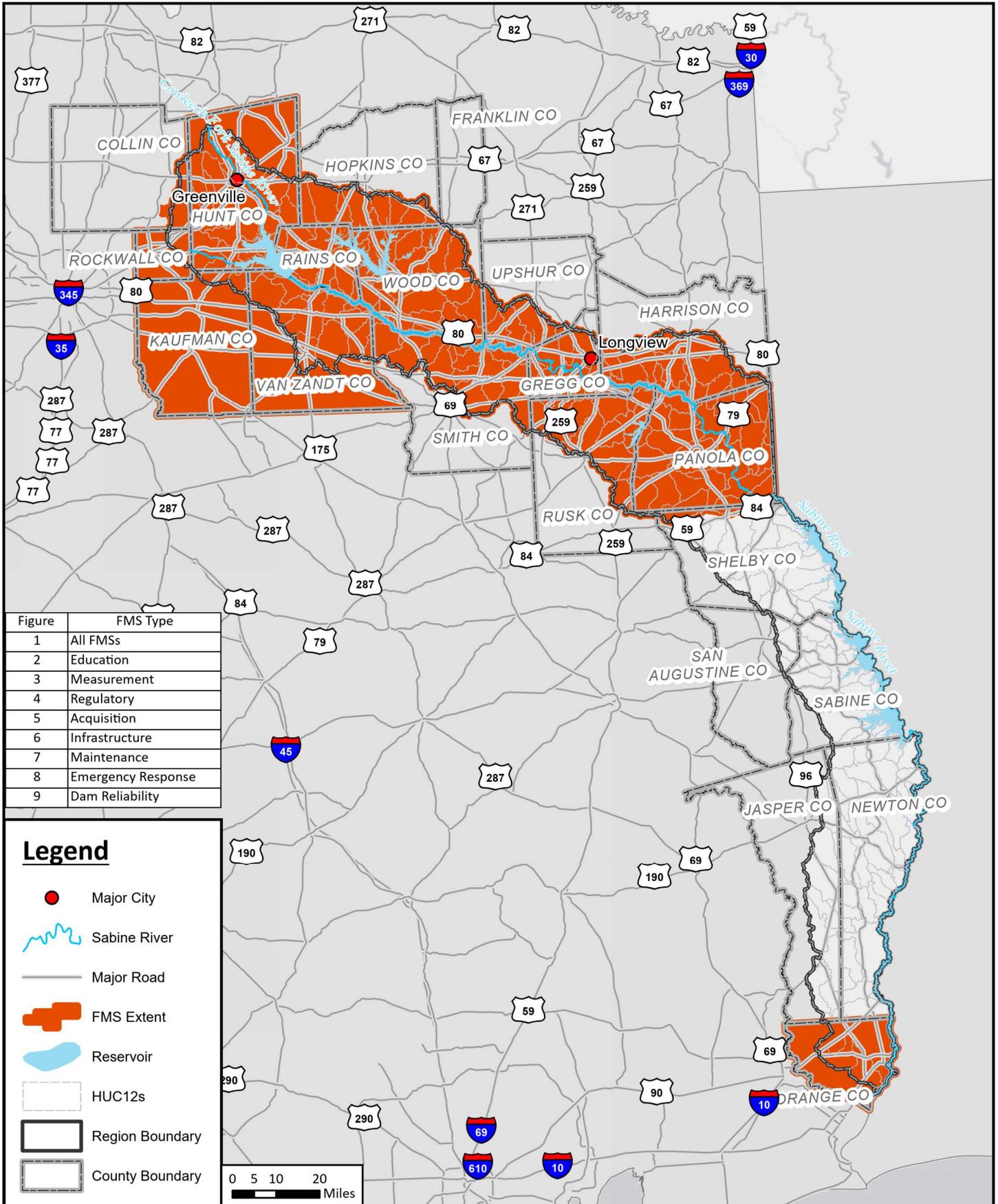


# Sabine Regional Flood Plan

Extent of Potential Flood Mitigation Projects

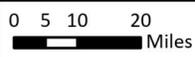


MAP  
17



### Legend

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

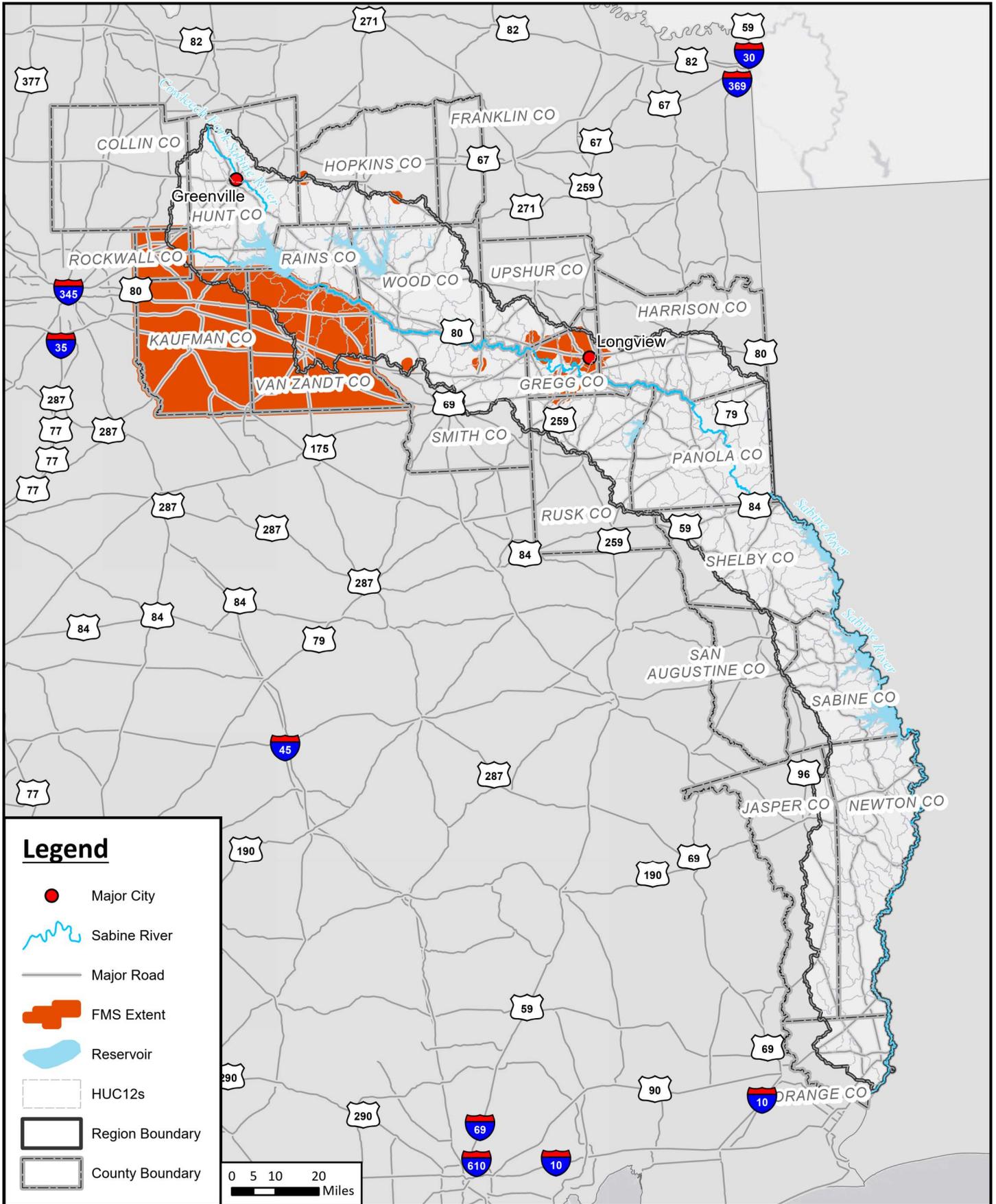


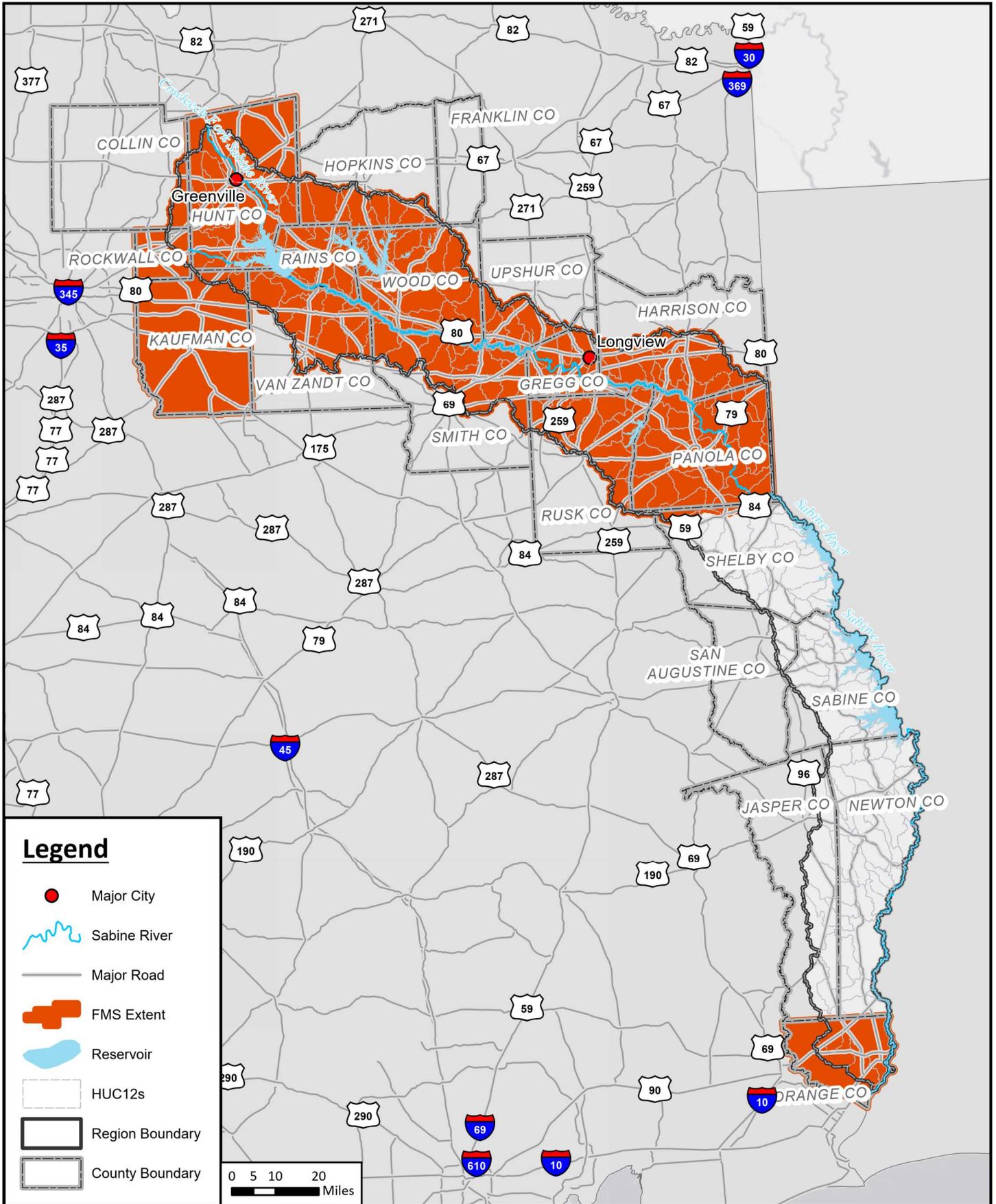
# Sabine Regional Flood Plan

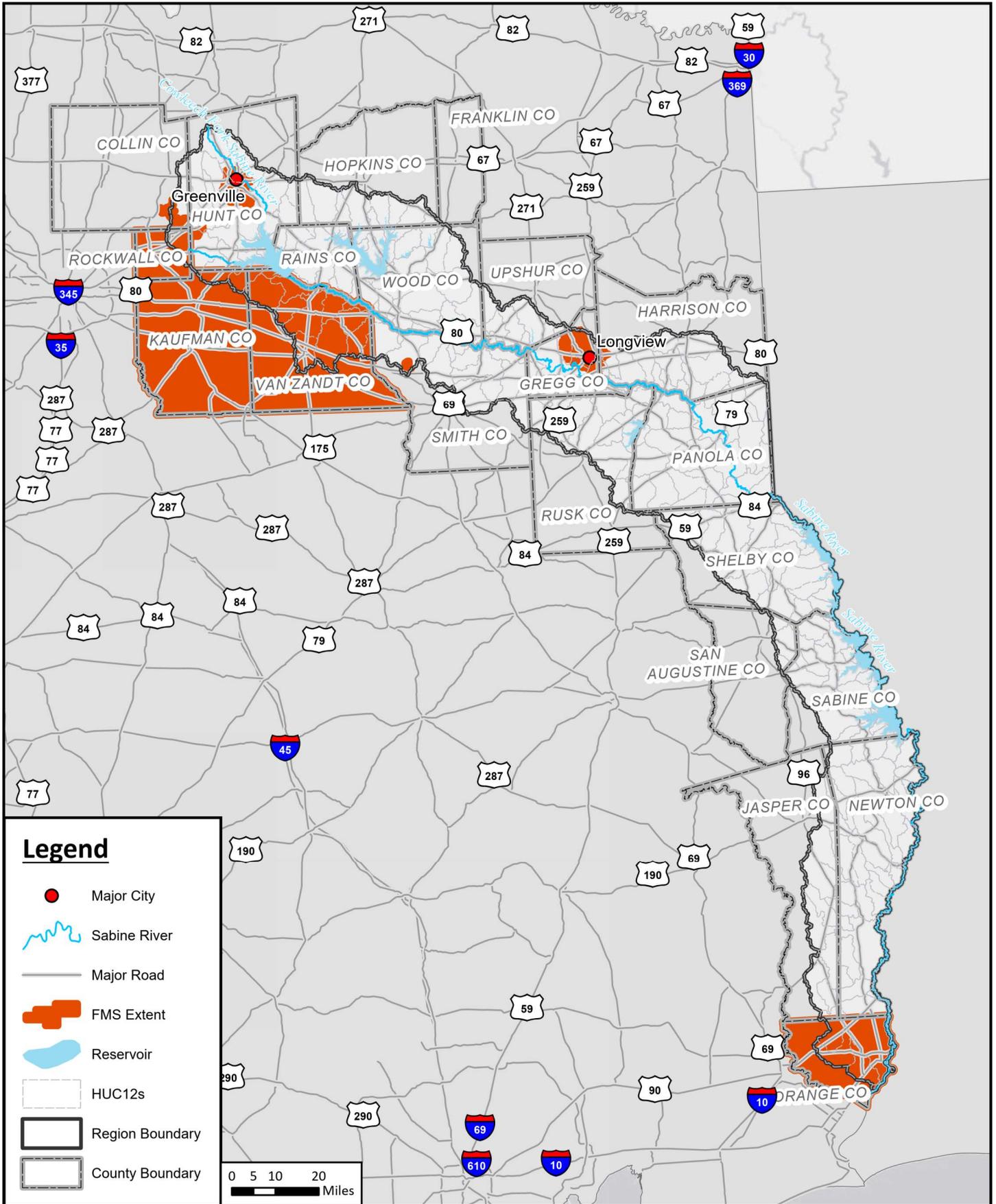
Extent of Potential Flood Mitigation Strategies



**MAP 18**  
FIGURE 1 of 9







**Legend**

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



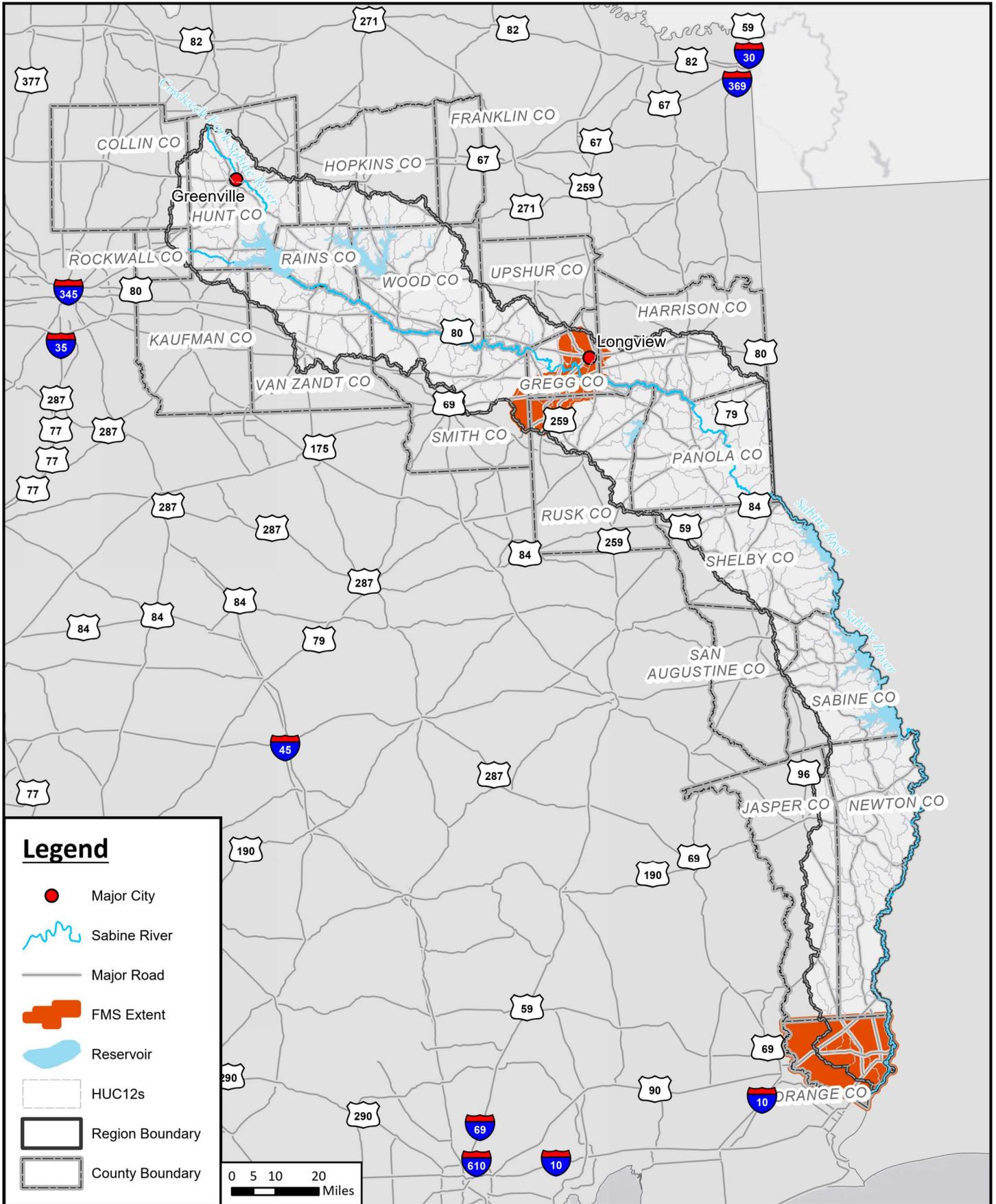
REGION 4

**Sabine Regional Flood Plan**

Extent of Potential Flood Mitigation Strategies: Regulatory and Guidance



**MAP 18**  
FIGURE 4 of 9



**Legend**

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

0 5 10 20  
Miles

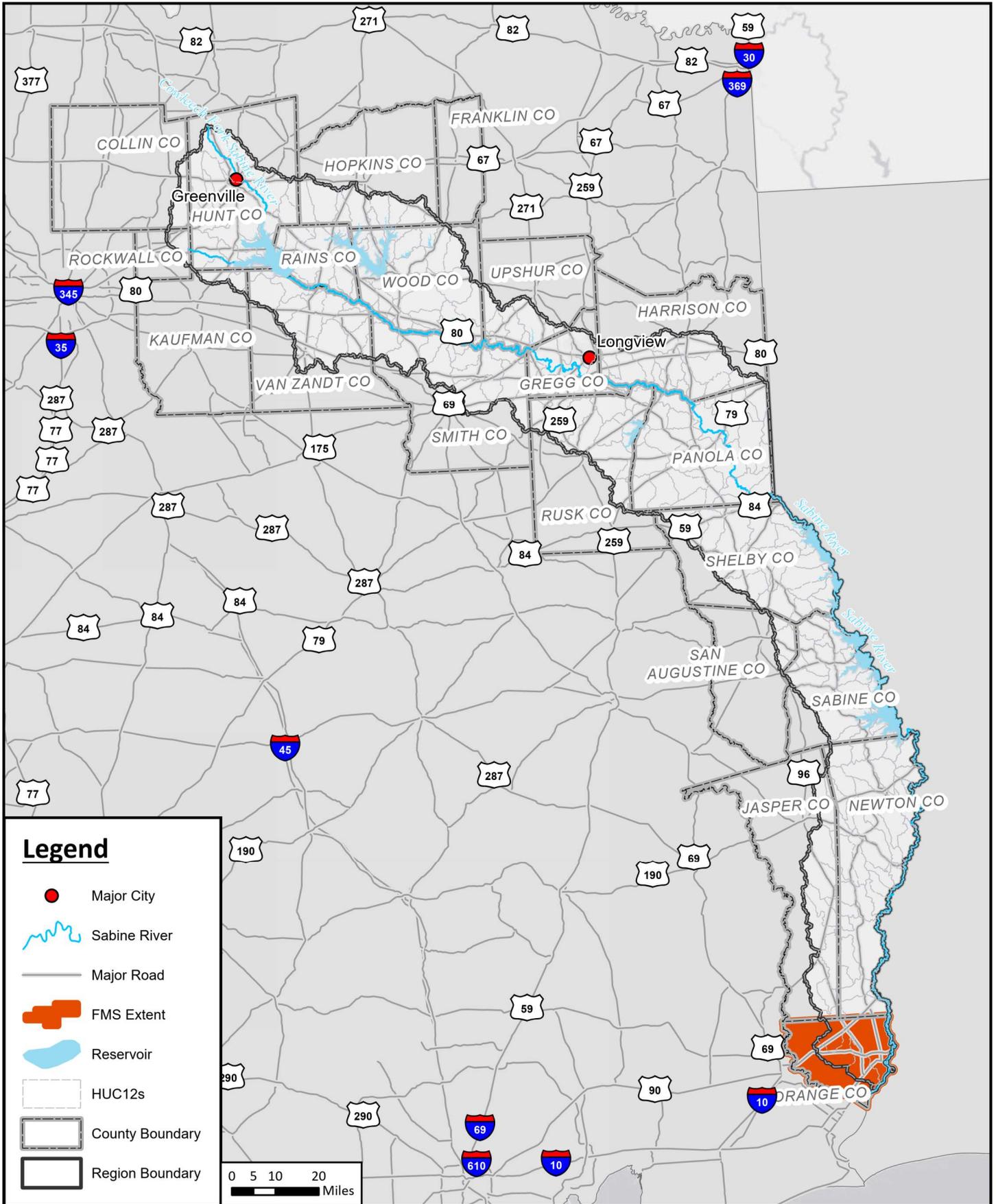


**Sabine Regional Flood Plan**

Extent of Potential Flood Mitigation Strategies: Property Acquisition



**MAP 18**  
FIGURE 5 of 9



**Legend**

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



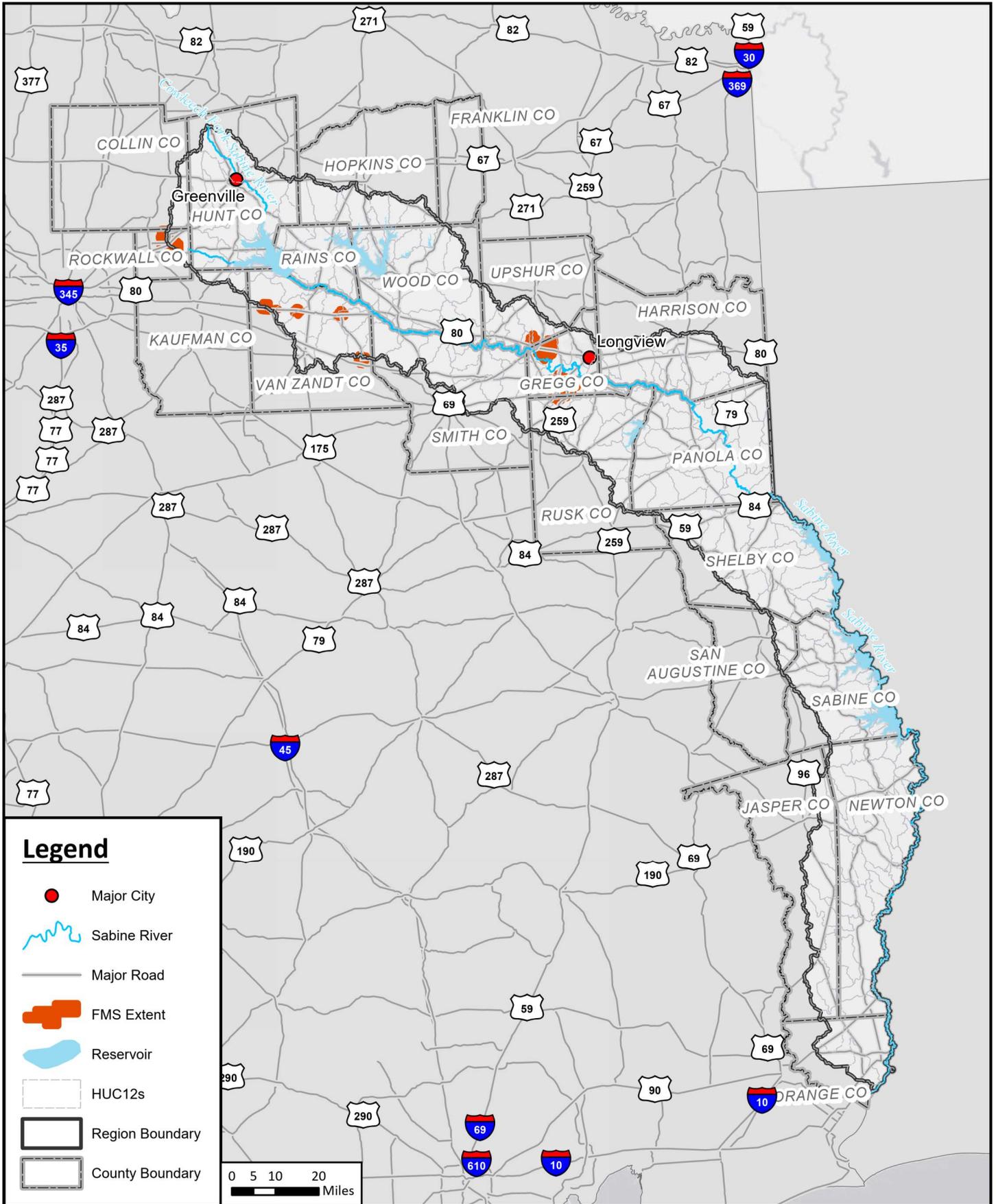
REGION 4

**Sabine Regional Flood Plan**

Extent of Potential Flood Mitigation Strategies: Infrastructure Projects

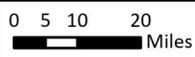


**MAP 18**  
FIGURE 6 of 9



**Legend**

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



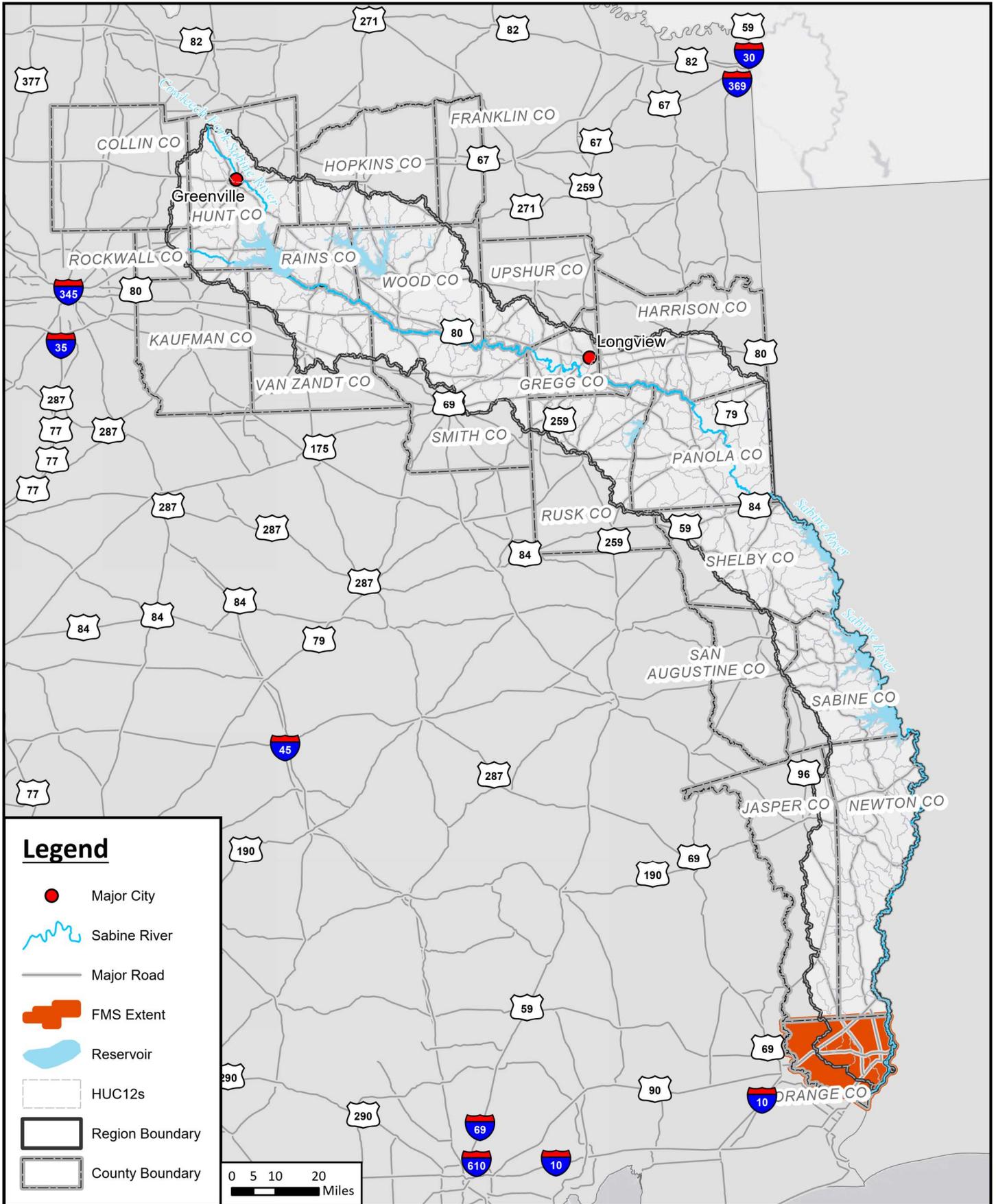
REGION 4

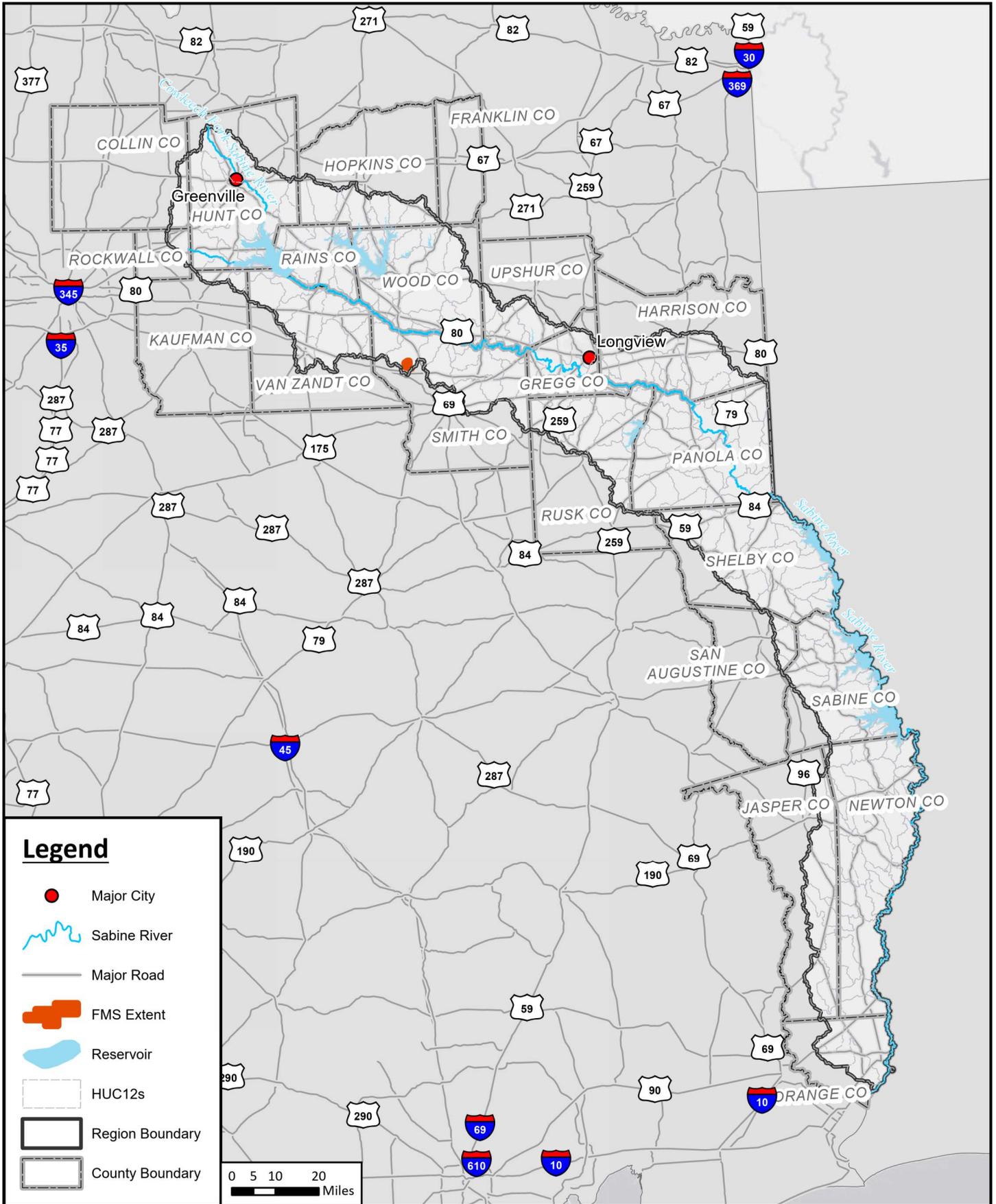
**Sabine Regional Flood Plan**

Extent of Potential Flood Mitigation Strategies: Maintenance Program



**MAP 18**  
FIGURE 7 of 9





**Legend**

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

0 5 10 20  
Miles



REGION 4

**Sabine Regional Flood Plan**

Extent of Potential Flood Mitigation Strategies: Dam Reliability



**MAP 18**  
FIGURE 9 of 9

**APPENDIX 4-B**  
**SUPPORTING TABLES FOR CHAPTER 4**

Table 12: Potential Flood Management Evaluations Identified by RFPG

| FME ID    | RFPG No. | RFPG Name | FME Name                                  | Description   | Associated Goals             | Counties                      | HUC8s              | HUC12s   | Watershed Name                       | Study Type         | FME Area (sqmi) | Flood Risk Type   | Sponsor       | Entities with Oversight | Emergency Need | Estimated Study Cost | Potential Funding Sources and Amount | Estimated number of structures at flood risk | Habitable structures at flood risk | Estimated Population at flood risk | Critical facilities at flood risk (#) | Number of low water crossings at flood risk (#) | Estimated number of road closures (#) | Estimated length of roads at flood risk (Miles) | Estimated active farm & ranch land at flood risk (acres) | Existing or Anticipated Models | Existing or Anticipated Maps (year) |  |
|-----------|----------|-----------|---|---|------------------------------|-------------------------------|--------------------|--|--------------------------------------|--------------------|-----------------|-------------------|---------------|-------------------------|----------------|----------------------|--------------------------------------|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|--------------------------------|-------------------------------------|--|
| 041000001 | 4        | Sabine    | Parker Creek Corridor Study               | Study of Parker Creek Corridor  | 04000007                     | Harrison                      | 12010002           | 120100020703   | Middle Sabine                        | Project Planning   | 47              | Riverine          | Marshall      | Marshall                | Yes            | \$380,000            | Yes                                  | 598  | 397                                | 4,563                              | 1                                     | 0   | 0                                     | 23  | 897  | BLE                            |                                     |  |
| 041000002 | 4        | Sabine    | Newton County Flood Hazard Mapping        | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.  | 04000012, 04000013, 04000014 | Newton, Sabine                | 12010005           | 120100051005, 120100051004, 120100051100, 120100051003   | Lower Sabine                         | Watershed Planning | 936             | Riverine, Coastal | Newton        | Newton                  | Yes            | \$2,340,000          | Yes                                  | 3,237  | 1990                               | 2,585                              | 324                                   | 10  | 10                                    | 152   | 8,621  | BLE                            |                                     |  |
| 041000003 | 4        | Sabine    | Smith County Flood Hazard Mapping         | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.  | 04000012, 04000013, 04000014 | Smith, Van Zandt, Rains, Wood | 12010001, 12010002 | 120100010603, 120100010608, 120100010607, 120100020105, 120100020101, 120100020106, 120100020107, 120100020501, 120100020301, 120100020302, 120100020303, 120100020403, 120100020404, 120100020405, 120100020502, 120100020102, 120100020104                             | Upper Sabine, Middle Sabine          | Watershed Planning | 946             | Riverine          | Smith         | Smith                   | Yes            | \$4,275,000          | Yes                                  | 1,303  | 767                                | 1,990                              | 7                                     | 0   | 0                                     | 61  | 10,559   | BLE                            |                                     |  |
| 041000004 | 4        | Sabine    | Smith County Drainage Master Plan         | Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000012, 04000013, 04000014 | Smith, Van Zandt, Rains, Wood | 12010001, 12010002 | 120100010603, 120100010608, 120100010607, 120100020105, 120100020101, 120100020106, 120100020107, 120100020501, 120100020301, 120100020302, 120100020303, 120100020403, 120100020404, 120100020405, 120100020502, 120100020102, 120100020104                             | Upper Sabine, Middle Sabine          | Watershed Planning | 946             | Riverine          | Smith         | Smith                   | Yes            | \$1,900,000          | Yes                                  | 1,303  | 767                                | 1,990                              | 7                                     | 0   | 0                                     | 61  | 10,559   | BLE                            |                                     |  |
| 041000005 | 4        | Sabine    | Harrison County Flood Hazard Mapping      | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.  | 04000012, 04000013, 04000014 | Panola, Harrison              | 12010002           | 120100020906, 120100020904, 120100021102, 120100020703, 120100020601, 120100020602, 120100020603, 120100020607, 120100020608, 120100020701, 120100020702, 120100020704, 120100020706, 120100020903, 120100020705, 120100021101   | Middle Sabine                        | Watershed Planning | 912             | Riverine          | Harrison      | Harrison                | Yes            | \$1,850,000          | Yes                                  | 1,086  | 782                                | 5,521                              | 3                                     | 2   | 2                                     | 82  | 9,144  | BLE                            |                                     |  |
| 041000006 | 4        | Sabine    | Van Zandt County Flood Hazard Mapping     | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.  | 04000012, 04000013, 04000014 | Van Zandt, Rains, Hunt        | 12010001           | 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                                | 1,471                              | 13                                    | 9   | 9                                     | 79  | 26,372   | BLE                            |                                     |  |
| 041000007 | 4        | Sabine    | Upshur County Drainage Master Plan        | Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000012, 04000013, 04000014 | Smith, Wood, Upshur           | 12010002           | 120100020107, 120100020205, 120100020206, 120100020402, 120100020401, 120100020403, 120100020405, 120100020504, 120100020505   | Middle Sabine                        | Watershed Planning | 590             | Riverine          | Upshur        | Upshur                  | Yes            | \$200,000            | Yes                                  | 328  | 222                                | 281                                | 0                                     | 4   | 4                                     | 28  | 4,148  | BLE                            |                                     |  |
| 041000008 | 4        | Sabine    | Sabine County Flood Hazard Mapping        | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.  | 04000012, 04000013, 04000014 | Sabine                        | 12010004           | 120100040903, 120100040904, 120100040905, 120100041003, 120100040703, 120100040702, 120100040901, 120100040902, 120100041005, 120100041104, 120100040807, 120100040806, 120100041002, 120100041106, 120100041105, 120100041103, 120100041004, 120100041101, 120100041102 | Toledo Bend Reservoir                | Watershed Planning | 574             | Riverine          | Sabine        | Sabine                  | Yes            | \$1,100,000          | Yes                                  | 1,611  | 1245                               | 762                                | 0                                     | 6   | 6                                     | 33  | 2,311  | BLE                            |                                     |  |
| 041000009 | 4        | Sabine    | Sabine County Drainage Master Plan        | Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000012, 04000013, 04000014 | Sabine                        | 12010004           | 120100040903, 120100040904, 120100040905, 120100041003, 120100040703, 120100040702, 120100040901, 120100040902, 120100041005, 120100041104, 120100040807, 120100040806, 120100041002, 120100041106, 120100041105, 120100041103, 120100041004, 120100041101, 120100041102 | Toledo Bend Reservoir                | Watershed Planning | 574             | Riverine          | Sabine        | Sabine                  | Yes            | \$460,000            | Yes                                  | 1,611  | 1245                               | 762                                | 0                                     | 6   | 6                                     | 33  | 2,311  | BLE                            |                                     |  |
| 041000010 | 4        | Sabine    | San Augustine County Flood Hazard Mapping | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.  | 04000012, 04000013, 04000014 | San Augustine, Shelby         | 12010004           | 120100040701, 120100040702, 120100040901, 120100040902   | Toledo Bend Reservoir                | Watershed Planning | 590             | Riverine          | San Augustine | San Augustine           | Yes            | \$100,000            | Yes                                  | 1  | 0                                  | 0                                  | 0                                     | 0   | 0                                     | 0   | 2  | 346                            | BLE                                 |  |
| 041000011 | 4        | Sabine    | San Augustine County Drainage Master Plan | Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000012, 04000013, 04000014 | San Augustine, Shelby         | 12010004           | 120100040701, 120100040702, 120100040901, 120100040902   | Toledo Bend Reservoir                | Watershed Planning | 590             | Riverine          | San Augustine | San Augustine           | Yes            | \$50,000             | Yes                                  | 1  | 0                                  | 0                                  | 0                                     | 0   | 0                                     | 0   | 2  | 346                            | BLE                                 |  |
| 041000012 | 4        | Sabine    | Shelby County Flood Hazard Mapping        | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.  | 04000012, 04000013, 04000014 | Rusk, Panola, Shelby          | 12010002, 12010004 | 120100040701, 120100040702, 120100040901, 120100040902   | Middle Sabine, Toledo Bend Reservoir | Watershed Planning | 831             | Riverine          | Shelby        | Shelby                  | Yes            | \$375,500            | Yes                                  | 800  | 0                                  | 225                                | 0                                     | 3   | 3                                     | 49  | 9,764  | BLE                            |                                     |  |

| FME ID    | RFPG No. | RFPG Name | FME Name                            | Description   | Associated Goals             | Counties                      | HUC8s                        | HUC12s   | Watershed Name           | Study Type         | FME Area (sqmi) | Flood Risk Type | Sponsor        | Entities with Oversight | Emergency Need | Estimated Study Cost | Potential Funding Sources and Amount | Estimated number of structures at flood risk | Habitables structures at flood risk | Estimated Population at flood risk | Critical facilities at flood risk (#) | Number of low water crossings at flood risk (#) | Estimated number of road closures (#) | Estimated length of roads at flood risk (Miles) | Estimated active farm & ranch land at flood risk (acres) | Existing or Anticipated Models | Existing or Anticipated Maps (year) |
|-----------|----------|-----------|-------------------------------------|---|------------------------------|-------------------------------|------------------------------|--|--------------------------|--------------------|-----------------|-----------------|----------------|-------------------------|----------------|----------------------|--------------------------------------|--|-------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|--------------------------------|-------------------------------------|
| 041000013 | 4        | Sabine    | Rusk County Flood Hazard Mapping    | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.  | 04000012, 04000013, 04000014 | Rusk, Smith, Gregg            | 12010002                     | 120100020501, 120100021004, 120100021005, 120100021006, 120100020506, 120100020502, 120100020503, 120100020601, 120100020603, 120100020604, 120100020605, 120100020606, 120100020608, 120100020801, 120100020803, 120100020901, 120100020804, 120100020802 | Middle Sabine            | Watershed Planning | 935             | Riverine        | Rusk           | Rusk                    | Yes            | \$1,850,000          | Yes                                  | 899  | 543                                 | 1,374                              | 2                                     | 5   | 5                                     | 55  | 13,283   | BLE                            |                                     |
| 041000014 | 4        | Sabine    | Panola County Flood Hazard Mapping  | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.  | 04000012, 04000013, 04000014 | Panola                        | 12010002                     | 120100020501, 120100021004, 120100021005, 120100021006, 120100020506, 120100020502, 120100020503, 120100020601, 120100020603, 120100020604, 120100020605, 120100020606, 120100020608, 120100020801, 120100020803, 120100020901, 120100020804, 120100020802 | Middle Sabine            | Watershed Planning | 818             | Riverine        | Panola         | Panola                  | Yes            | \$3,700,000          | Yes                                  | 750  | 317                                 | 1,416                              | 2                                     | 10  | 10                                    | 119   | 24,459   | BLE                            |                                     |
| 041000015 | 4        | Sabine    | Panola County Drainage Master Plan  | Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000012, 04000013, 04000014 | Panola                        | 12010002                     | 120100020501, 120100021004, 120100021005, 120100021006, 120100020506, 120100020502, 120100020503, 120100020601, 120100020603, 120100020604, 120100020605, 120100020606, 120100020608, 120100020801, 120100020803, 120100020901, 120100020804, 120100020802 | Middle Sabine            | Watershed Planning | 818             | Riverine        | Panola         | Panola                  | Yes            | \$1,700,000          | Yes                                  | 750  | 317                                 | 1,416                              | 2                                     | 10  | 10                                    | 119   | 24,459   | BLE                            |                                     |
| 041000016 | 4        | Sabine    | Rains County Flood Hazard Mapping   | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.  | 04000012, 04000013, 04000014 | Rains, Hunt                   | 12010001, 12010003           | 120100010406, 120100010407, 120100010601, 120100010506, 120100010507, 120100010603, 120100010505, 120100010602, 120100030101, 120100030102, 120100030103, 120100030107, 120100030104, 120100030105, 120100030106, 120100030204                             | Upper Sabine, Lake Fork  | Watershed Planning | 257             | Riverine        | Rains          | Rains                   | Yes            | \$2,100,000          | Yes                                  | 277  | 211                                 | 258                                | 0                                     | 4   | 4                                     | 35  | 13,842   | BLE                            |                                     |
| 041000017 | 4        | Sabine    | Rains County Drainage Master Plan   | Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000012, 04000013, 04000014 | Rains, Hunt                   | 12010001, 12010003           | 120100010406, 120100010407, 120100010601, 120100010506, 120100010507, 120100010603, 120100010505, 120100010602, 120100030101, 120100030102, 120100030103, 120100030107, 120100030104, 120100030105, 120100030106, 120100030204                             | Upper Sabine, Lake Fork  | Watershed Planning | 257             | Riverine        | Rains          | Rains                   | Yes            | \$600,000            | Yes                                  | 277  | 211                                 | 258                                | 0                                     | 4   | 4                                     | 35  | 13,842   | BLE                            |                                     |
| 041000018 | 4        | Sabine    | Wood County Flood Hazard Mapping    | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.  | 04000012, 04000013, 04000014 | Smith, Van Zandt, Rains, Wood | 12010001, 12010002, 12010003 | 120100010406, 120100010407, 120100010601, 120100010506, 120100010507, 120100010603, 120100010505, 120100010602, 120100030101, 120100030102, 120100030103, 120100030107, 120100030104, 120100030105, 120100030106, 120100030204                             | Upper Sabine, Lake Fork  | Watershed Planning | 693             | Riverine        | Wood           | Wood                    | Yes            | \$3,200,000          | Yes                                  | 1,546  | 813                                 | 1,773                              | 7                                     | 1   | 1                                     | 105   | 18,534   | BLE                            |                                     |
| 041000019 | 4        | Sabine    | Hopkins County Flood Hazard Mapping | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.  | 04000012, 04000013, 04000014 | Wood, Hopkins, Franklin       | 12010002, 12010003           | 120100020201, 120100030101, 120100030102, 120100030103, 120100030103, 120100030104, 120100030105, 120100030106, 120100030205, 120100030201, 120100030202, 120100030203   | Middle Sabine, Lake Fork | Watershed Planning | 791             | Riverine        | Hopkins        | Hopkins                 | Yes            | \$1,550,000          | Yes                                  | 156  | 87                                  | 92                                 | 0                                     | 5   | 5                                     | 48  | 13,195   | BLE                            |                                     |
| 041000020 | 4        | Sabine    | Vidor Drainage Master Plan          | Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.   | 04000012, 04000013, 04000014 | Orange                        | 12010005                     | 120100051004, 120100051003   | Lower Sabine             | Watershed Planning | 12              | Riverine        | Vidor          | Vidor                   | Yes            | \$1,200,000          | Yes                                  | 1,154  | 1031                                | 2,001                              | 0                                     | 0   | 0                                     | 26  | 58   | BLE                            |                                     |
| 041000021 | 4        | Sabine    | City of Fate Drainage Master Plan   | Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.   | 04000012, 04000013, 04000014 | Rockwall, Collin, Hunt        | 12010001                     | 120100010301   | Upper Sabine             | Watershed Planning | 12              | Riverine        | Fate           | Fate                    | No             | \$450,000            | Yes                                  | 21   | 21                                  | 128                                | 0                                     | 1   | 1                                     | 3   | 164  | BLE                            |                                     |
| 041000022 | 4        | Sabine    | Nevada Drainage Master Plan         | Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.   | 04000012, 04000013, 04000014 | Rockwall, Collin, Hunt        | 12010001                     | 120100010301   | Upper Sabine             | Watershed Planning | 2               | Riverine        | Nevada         | Nevada                  | No             | \$100,000            | Yes                                  | 1  | 1                                   | 3                                  | 0                                     | 0   | 0                                     | 0   | 11   | BLE                            |                                     |
| 041000023 | 4        | Sabine    | City of Newton Drainage Master Plan | Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000012, 04000013, 04000014 | Newton                        | 12010005                     | 120100051005, 120100051004, 120100051100, 120100051003   | Lower Sabine             | Watershed Planning | 5               | Riverine        | City of Newton | City of Newton          | No             | \$100,000            | Yes                                  | 96   | 48                                  | 164                                | 17                                    | 2   | 2                                     | 3   | 33   | BLE                            |                                     |

| FME ID   | RFPG No. | RFPG Name | FME Name  | Description  | Associated Goals             | Counties       | HUC8s    | HUC12s   | Watershed Name | Study Type         | FME Area (sqmi) | Flood Risk Type | Sponsor     | Entities with Oversight | Emergency Need | Estimated Study Cost | Potential Funding Sources and Amount | Estimated number of structures at flood risk | Habitable structures at flood risk | Estimated Population at flood risk | Critical facilities at flood risk (#) | Number of low water crossings at flood risk (#) | Estimated number of road closures (#) | Estimated length of roads at flood risk (Miles) | Estimated active farm & ranch land at flood risk (acres) | Existing or Anticipated Models | Existing or Anticipated Maps (year) |
|----------|----------|-----------|---|--|------------------------------|----------------|----------|--|----------------|--------------------|-----------------|-----------------|-------------|-------------------------|----------------|----------------------|--------------------------------------|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|--------------------------------|-------------------------------------|
| 04100024 | 4        | Sabine    | Newton Drainage Master Plan                                     | Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.  | 04000012, 04000013, 04000014 | Newton         | 12010005 | 120100051005, 120100051004, 120100051100, 120100051003               | Lower Sabine   | Watershed Planning | 5               | Riverine        | Newton      | Newton                  | No             | \$400,000            | Yes                                  | 96   | 48                                 | 164                                | 17                                    | 2   | 2                                     | 3   | 33   | BLE                            |                                     |
| 04100025 | 4        | Sabine    | Longview Drainage Master Plan                                   | Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.  | 04000012, 04000013, 04000014 | Rusk, Gregg    | 12010002 | 120100020506, 120100020601, 120100020504, 120100020505, 120100020602 | Middle Sabine  | Watershed Planning | 56              | Riverine        | Longview    | Longview                | Yes            | \$1,100,000          | Yes                                  | 1,379  | 1024                               | 10,126                             | 9                                     | 0   | 0                                     | 41  | 295  | BLE                            |                                     |
| 04100026 | 4        | Sabine    | Josephine Drainage Master Plan                                  | Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.  | 04000012, 04000013, 04000014 | Collin, Hunt   | 12010001 | 120100010202, 120100010301   | Upper Sabine   | Watershed Planning | 2               | Riverine        | Josephine   | Josephine               | No             | \$100,000            | Yes                                  | 94   | 79                                 | 126                                | 0                                     | 1   | 1                                     | 1   | 110  | BLE                            |                                     |
| 04100027 | 4        | Sabine    | Kirbyville Drainage Master Plan                                 | Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.  | 04000012, 04000013, 04000014 | Jasper, Newton | 12010005 | 120100050901, 120100050607, 120100050608                             | Lower Sabine   | Watershed Planning | 2               | Riverine        | Kirbyville  | Kirbyville              | Yes            | \$600,000            | Yes                                  | 135  | 44                                 | 436                                | 3                                     | 3   | 3                                     | 3   | 12   | BLE                            |                                     |
| 04100028 | 4        | Sabine    | Marshall Drainage Master Plan                                   | Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.  | 04000012, 04000013, 04000014 | Harrison       | 12010002 | 120100020703, 120100020701, 120100020702, 120100020704               | Middle Sabine  | Watershed Planning | 30              | Riverine        | Marshall    | Marshall                | No             | \$500,000            | Yes                                  | 561  | 374                                | 4,312                              | 0                                     | 0   | 0                                     | 18  | 222  | BLE                            |                                     |
| 04100029 | 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                            |                                     |
| 04100030 | 4        | Sabine    | City of Edgewood Stormwater Drain and Culvert Improvement Study | Feasibility study to install and upgrade undersized stormwater drains and culverts   | 04000007                     | Van Zandt      | 12010001 | 120100010502, 120100010504   | Upper Sabine   | Project Planning   | 1               | Riverine        | Edgewood    | Edgewood                | No             | \$100,000            | Yes                                  | 27   | 11                                 | 22                                 | 0                                     | 0   | 0                                     | 1   | 29   | BLE                            |                                     |
| 04100031 | 4        | Sabine    | City of Edgewood Stormwater Detention Study                     | Feasibility study to increase drainage capacity; add stormwater detention and / or retention basins as deemed necessary to reduce flood risk upstream of Edgewood City Dam             | 04000007                     | Van Zandt      | 12010001 | 120100010502, 120100010504   | Upper Sabine   | Project Planning   | 1               | Riverine        | Edgewood    | Edgewood                | No             | \$100,000            | Yes                                  | 27   | 11                                 | 22                                 | 0                                     | 0   | 0                                     | 1   | 29   | BLE                            |                                     |
| 04100032 | 4        | Sabine    | City of Greenville Critical Facilities Flood Protection Study   | Feasibility study to elevated or flood proofing of critical structures and/or the construction of barriers around critical structures  | 04000004, 04000005           | Hunt           | 12010001 | 120100010103, 120100010102, 120100010204, 120100010401               | Upper Sabine   | Project Planning   | 33              | Riverine        | Greenville  | Greenville              | No             | \$300,000            | Yes                                  | 429  | 254                                | 5,509                              | 28                                    | 0   | 0                                     | 26  | 1,339  | BLE                            |                                     |
| 04100033 | 4        | Sabine    | City of Fruitvale Drainage Infrastructure Improvement Study     | Feasibility study to evaluate access and road conditions for response vehicles. Develop and implement options to improve access and/or add redundant access routes in high risk areas. | 04000001, 04000014           | Van Zandt      | 12010001 | 120100010504, 120100010601   | Upper Sabine   | Project Planning   | 2               | Riverine        | Fruitvale   | Fruitvale               | No             | \$200,000            | Yes                                  | 4  | 1                                  | 12                                 | 0                                     | 0   | 0                                     | 2   | 127  | BLE                            |                                     |
| 04100034 | 4        | Sabine    | City of Canton Drainage Infrastructure Improvements Study       | Feasibility study to increase drainage capacity; install french drains or elevate building and upgrade undersized pipe under state Hwy   | 04000012                     | Van Zandt      | 12010001 | 120100010503, 120100010604   | Upper Sabine   | Project Planning   | 6               | Riverine        | Canton      | Canton                  | No             | \$300,000            | Yes                                  | 231  | 45                                 | 1,002                              | 12                                    | 2   | 2                                     | 4   | 147  | BLE                            |                                     |
| 04100035 | 4        | Sabine    | City of Kilgore Drainage Infrastructure Improvements Study      | Study improvements to drainage infrastructure in the downtown area by installing new inlets and storm drains   | 04000014                     | Rusk           | 12010002 | 120100020506, 120100020405, 120100020502, 120100020503               | Middle Sabine  | Project Planning   | 19              | Riverine        | Kilgore     | Kilgore                 | No             | \$300,000            | Yes                                  | 296  | 224                                | 870                                | 3                                     | 3   | 3                                     | 15  | 96   | BLE                            |                                     |
| 04100036 | 4        | Sabine    | City of Kilgore Library Drainage Improvement Study              | Feasibility study of underground drainage structures to capture and direct subsurface water away from the library structure  | 04000014                     | Rusk           | 12010002 | 120100020506, 120100020405, 120100020502, 120100020503               | Middle Sabine  | Project Planning   | 19              | Riverine        | Kilgore     | Kilgore                 | Yes            | \$400,000            | Yes                                  | 296  | 224                                | 870                                | 3                                     | 3   | 3                                     | 15  | 96   | BLE                            |                                     |
| 04100037 | 4        | Sabine    | City of Henderson Flood Instructure Improvements Study          | Feasibility study to replace riprap lining with a concrete lining to increase maintenance efficiency and flood protection.   | 04000007                     | Rusk           | 12010002 | 120100020605, 120100020801   | Middle Sabine  | Project Planning   | 12              | Riverine        | Henderson   | Henderson               | Yes            | \$200,000            | Yes                                  | 27   | 24                                 | 422                                | 0                                     | 0   | 0                                     | 0   | 15   | BLE                            |                                     |
| 04100038 | 4        | Sabine    | City of Henderson Storm Drain Improvement Study                 | Feasibility study to install new storm drain system to address localized neighborhood drainage issues  | 04000007                     | Rusk           | 12010002 | 120100020605, 120100020801   | Middle Sabine  | Project Planning   | 12              | Riverine        | Henderson   | Henderson               | Yes            | \$100,000            | Yes                                  | 27   | 24                                 | 422                                | 0                                     | 0   | 0                                     | 0   | 15   | BLE                            |                                     |
| 04100039 | 4        | Sabine    | City of Longview Critical Facilities Flood Protection Study     | Ensure that critical facilities owned by the jurisdiction are protected from flood.  | 04000003                     | Gregg          | 12010002 | 120100020506, 120100020601, 120100020504, 120100020505, 120100020602 | Middle Sabine  | Project Planning   | 56              | Riverine        | Longview    | Longview                | Yes            | \$85,000             | Yes                                  | 1,379  | 1024                               | 10,126                             | 9                                     | 0   | 0                                     | 41  | 295  | BLE                            |                                     |

| FME ID    | RFPG No. | RFPG Name | FME Name   | Description   | Associated Goals                       | Counties               | HUC8s              | HUC12s   | Watershed Name          | Study Type       | FME Area (sqmi) | Flood Risk Type   | Sponsor                         | Entities with Oversight         | Emergency Need | Estimated Study Cost | Potential Funding Sources and Amount | Estimated number of structures at flood risk | Habitable structures at flood risk | Estimated Population at flood risk | Critical facilities at flood risk (#) | Number of low water crossings at flood risk (#) | Estimated number of road closures (#) | Estimated length of roads at flood risk (Miles) | Estimated active farm & ranch land at flood risk (acres) | Existing or Anticipated Models | Existing or Anticipated Maps (year) |
|-----------|----------|-----------|--|---|--|------------------------|--------------------|--|-------------------------|------------------|-----------------|-------------------|---------------------------------|---------------------------------|----------------|----------------------|--------------------------------------|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|--------------------------------|-------------------------------------|
| 041000040 | 4        | Sabine    | Lone Oak - Dam Inundation Study  | Dam inundation study, safety study, and inventory of mitigation activities to implement for the county dams.  | 04000014                               | Hunt                   | 12010001, 12010003 | 120100010406, 120100010401, 120100030102   | Upper Sabine, Lake Fork | Other            | 1               | Riverine          | Lone Oak                        | Lone Oak                        | Yes            | \$500,000            | Yes                                  | 3  | 2                                  | 2                                  | 0                                     | 0   | 0                                     | 0   | 30   | BLE                            |                                     |
| 041000041 | 4        | Sabine    | Kirbyville Drainage Improvement Study  | Study to coordinate and improve storm water drainage throughout the county; encourage new development to balance impervious surfaces with adjacent green space                                      | 04000007, 04000014                     | Jasper                 | 12010005           | 120100050901, 120100050607, 120100050608   | Lower Sabine            | Project Planning | 2               | Riverine          | Kirbyville                      | Kirbyville                      | Yes            | \$100,000            | Yes                                  | 135  | 44                                 | 436                                | 3                                     | 3   | 3                                     | 3   | 12   | BLE                            |                                     |
| 041000042 | 4        | Sabine    | Feasibility Assessment and Conceptual Design of Dredging of Segments of Adams Bayou  | H&H Study and Modeling for Feasibility Assessment of Dredging of Segments of Adams Bayou  | 04000007, 04000012, 04000013, 04000014 | Orange                 | 12010005           | 120100051100   | Lower Sabine            | Project Planning | 146             | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes            | \$2,000,000          | Yes                                  | 10,571                                       | 8463                               | 18,428                             | 306                                   | 15  | 15                                    | 240   | 9,260  | BLE                            |                                     |
| 041000043 | 4        | Sabine    | Feasibility Assessment and Conceptual Design of Dredging of Segments of Cow Bayou  | H&H Study and Modeling for Feasibility Assessment of Dredging of Segments of Cow Bayou  | 04000007, 04000012, 04000013, 04000014 | Orange                 | 12010005           | 120100051003, 120100051004, 120100051005   | Lower Sabine            | Project Planning | 119             | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes            | \$600,000            | Yes                                  | 7,655  | 6390                               | 10,805                             | 7                                     | 7   | 7                                     | 156   | 9,437  | BLE                            |                                     |
| 041000044 | 4        | Sabine    | Feasibility Assessment and Conceptual Design of Dredging of Segments of Little Cypress Bayou   | H&H Study and Modeling for Feasibility Assessment of Dredging of Segments of Little Cypress Bayou   | 04000007, 04000012, 04000013, 04000014 | Orange                 | 12010005           | 120100051100   | Lower Sabine            | Project Planning | 146             | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes            | \$1,000,000          | Yes                                  | 10,571                                       | 8463                               | 18,428                             | 306                                   | 15  | 15                                    | 240   | 9,260  | BLE                            |                                     |
| 041000045 | 4        | Sabine    | Feasibility Assessment and Conceptual Design of Constructing a Stormwater Detention Pond Adjacent to Cow Bayou near Claiborne Park             | H&H Study and Modeling for Feasibility Assessment of Construction of a Stormwater Detention Pond Adjacent to Cow Bayou near Claiborne Park  | 04000007, 04000012, 04000013, 04000014 | Orange                 | 12010005           | 120100051003, 120100051004, 120100051005   | Lower Sabine            | Project Planning | 119             | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes            | \$600,000            | Yes                                  | 7,655  | 6390                               | 10,805                             | 7                                     | 7   | 7                                     | 156   | 9,437  | BLE                            |                                     |
| 041000046 | 4        | Sabine    | Feasibility Assessment and Conceptual Design of Increasing the Size of Culverts and Railroad Trestles on Major Drainage Structures             | H&H Study and Modeling for Determination of Need and Feasibility Assessment for Increase in Size of Culverts and Railroad Trestles on Major Drainage Structures Throughout Orange County            | 04000007, 04000012, 04000013, 04000014 | Orange                 | 12010005           | 120100051005, 120100051004, 120100051100, 120100051003                             | Lower Sabine            | Project Planning | 371             | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes            | \$500,000            | Yes                                  | 16,974                                       | 14040                              | 26,881                             | 276                                   | 22  | 22                                    | 364   | 17,171   | BLE                            |                                     |
| 041000047 | 4        | Sabine    | Feasibility Assessment and Conceptual Design of Increasing Capacity of Drainage Ditches and Channels that Convey Stormwater from Neighborhoods | H&H Study and Modeling for Determination of Need and Feasibility Assessment of the Capacity of Drainage Ditches and Channels that Convey Stormwater from Neighborhoods Located Within Orange County | 04000007, 04000012, 04000013, 04000014 | Orange                 | 12010005           | 120100051005, 120100051004, 120100051100, 120100051003                             | Lower Sabine            | Project Planning | 371             | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes            | \$1,000,000          | Yes                                  | 16,974                                       | 14040                              | 26,881                             | 276                                   | 22  | 22                                    | 364   | 17,171   | BLE                            |                                     |
| 041000048 | 4        | Sabine    | City of Fate Culvert Improvement Study   | Culverts improvements to meet 100-YR fully developed conditions   | 04000007, 04000012, 04000013, 04000014 | Rockwall, Collin, Hunt | 12010001           | 120100010301   | Upper Sabine            | Project Planning | 56              | Riverine          | Fate                            | Fate                            | No             | \$100,000            | Yes                                  | 295  | 220                                | 694                                | 0                                     | 12  | 12                                    | 18  | 4,104  | BLE                            |                                     |
| 041000049 | 4        | Sabine    | Newton County Flood and Drainage Study   | Feasibility study to reconstruct bridges and culverts in a major drainage basin flowing into the Sabine River in Newton County.   | 04000007, 04000012, 04000013, 04000014 | Newton, Jasper         | 12010005           | 120100050504, 120100050601, 120100050602, 120100050603, 120100050605, 120100050606 | Lower Sabine            | Project Planning | 159             | Riverine          | Newton                          | Newton                          | Yes            | \$600,000            | Yes                                  | 260  | 132                                | 249                                | 17                                    | 5   | 5                                     | 19  | 892  | BLE                            |                                     |
| 041000050 | 4        | Sabine    | Orange County Drainage Improvements at Kinard Estates Study  | First-time sewer service, detention pond, and other drainage improvements to reduce flooding and environmental impacts.   | 04000007, 04000012, 04000013, 04000014 | Orange                 | 12010005           | 120100051005, 120100051004, 120100051100, 120100051003                             | Lower Sabine            | Project Planning | 371             | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes            | \$250,000            | Yes                                  | 16,974                                       | 14040                              | 26,881                             | 276                                   | 22  | 22                                    | 364   | 17,171   | BLE                            |                                     |
| 041000051 | 4        | Sabine    | West Orange Drainage Improvements Study  | West Orange Drainage Improvements Study to quantify benefits, evaluate impacts, and begin design.   | 04000012, 04000013, 04000014           | Orange                 | 12010005           | 120100051100   | Lower Sabine            | Project Planning | 3               | Riverine, Coastal | West Orange                     | West Orange                     | Yes            | \$350,000            | Yes                                  | 1,143  | 1007                               | 2,020                              | 0                                     | 0   | 0                                     | 20  | 30   | BLE                            |                                     |
| 041000052 | 4        | Sabine    | Adams Bayou Detention Ponds Study  | Flood Protection Planning Study Cow Bayou & Adams Bayou Alternative   | 04000007, 04000012, 04000013, 04000014 | Orange                 | 12010005           | 120100051100   | Lower Sabine            | Project Planning | 146             | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes            | \$600,000            | Yes                                  | 10,571                                       | 8463                               | 18,428                             | 306                                   | 15  | 15                                    | 240   | 9,260  | BLE                            |                                     |
| 041000053 | 4        | Sabine    | Cole Creek Detention Ponds Study   | Flood Protection Planning Study Cow Bayou & Adams Bayou Alternative   | 04000007, 04000012, 04000013, 04000014 | Orange                 | 12010005           | 120100051003, 120100051004, 120100051005   | Lower Sabine            | Project Planning | 119             | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes            | \$600,000            | Yes                                  | 7,655  | 6390                               | 10,805                             | 7                                     | 7   | 7                                     | 156   | 9,437  | BLE                            |                                     |
| 041000054 | 4        | Sabine    | Cow Bayou Detention Ponds Study  | Flood Protection Planning Study Cow Bayou & Adams Bayou Alternative   | 04000007, 04000012, 04000013, 04000014 | Orange                 | 12010005           | 120100051003, 120100051004, 120100051005   | Lower Sabine            | Project Planning | 119             | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes            | \$600,000            | Yes                                  | 7,655  | 6390                               | 10,805                             | 7                                     | 7   | 7                                     | 156   | 9,437  | BLE                            |                                     |
| 041000055 | 4        | Sabine    | North Airport Retention Pond   | Feasibility Study of North Airport Retention Pond   | 04000007                               | Hunt                   | 12010001           | 120100010102, 120100010103   | Upper Sabine            | Project Planning | 80              | Riverine          | Greenville                      | Greenville                      | Yes            | \$640,000            | Yes                                  | 489  | 310                                | 1,702                              | 3                                     | 0   | 0                                     | 29  | 5,957  | BLE                            |                                     |
| 041000056 | 4        | Sabine    | Parker Creek Detention Pond  | Feasibility Study of Parker Creek Detention Pond  | 04000007                               | Harrison               | 12010002           | 120100020703   | Middle Sabine           | Project Planning | 47              | Riverine          | Marshall                        | Marshall                        | Yes            | \$380,000            | Yes                                  | 598  | 397                                | 4,563                              | 1                                     | 0   | 0                                     | 23  | 897  | BLE                            |                                     |

| FME ID    | RFPG No. | RFPG Name | FME Name  | Description  | Associated Goals                       | Counties | HUC8s              | HUC12s   | Watershed Name          | Study Type         | FME Area (sqmi) | Flood Risk Type   | Sponsor                         | Entities with Oversight         | Emergency Need | Estimated Study Cost | Potential Funding Sources and Amount | Estimated number of structures at flood risk | Habitable structures at flood risk | Estimated Population at flood risk | Critical facilities at flood risk (#) | Number of low water crossings at flood risk (#) | Estimated number of road closures (#) | Estimated length of roads at flood risk (Miles) | Estimated active farm & ranch land at flood risk (acres) | Existing or Anticipated Models | Existing or Anticipated Maps (year) |
|-----------|----------|-----------|---|--|--|----------|--------------------|--|-------------------------|--------------------|-----------------|-------------------|---------------------------------|---------------------------------|----------------|----------------------|--------------------------------------|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|--------------------------------|-------------------------------------|
| 041000057 | 4        | Sabine    | Terry Gully Detention Ponds Study   | Flood Protection Planning Study Cow Bayou & Adams Bayou Alternative  | 04000007, 04000012, 04000013, 04000014 | Orange   | 12010005           | 120100051004   | Lower Sabine            | Project Planning   | 40              | Riverine          | Orange County Drainage District | Orange County Drainage District | Yes            | \$600,000            | Yes                                  | 2,444  | 2143                               | 3,541                              | 0                                     | 1   | 1                                     | 55  | 3,308  | BLE                            |                                     |
| 041000058 | 4        | Sabine    | Gregg County Flood Hazard Mapping   | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes. | 04000012, 04000013, 04000014           | Gregg    | 12010002           | 120100020402, 120100020403, 120100020404, 120100020405, 120100020501, 120100020502, 120100020503, 120100020504, 120100020505, 120100020506, 120100020601, 120100020602, 120100020603, 120100020606, 120100020608                             | Middle Sabine           | Watershed Planning | 274             | Riverine          | Gregg                           | Gregg                           | No             | \$2,200,000          | Yes                                  | 2,182  | 1544                               | 11,464                             | 26                                    | 1   | 1                                     | 86  | 1  | BLE                            |                                     |
| 041000059 | 4        | Sabine    | Hunt County Flood Hazard Mapping  | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes. | 04000012, 04000013, 04000014           | Hunt     | 12010001, 12010003 | 120100010303, 120100010304, 120100010305, 120100010401, 120100010402, 120100010403, 120100010404, 120100010405, 120100010406, 120100010407, 120100030101, 120100030102   | Upper Sabine, Lake Fork | Watershed Planning | 879             | Riverine          | Hunt                            | Hunt                            | Yes            | \$4,000,000          | Yes                                  | 2,297  | 1325                               | 5,968                              | 45                                    | 10  | 10                                    | 137   | 6  | BLE                            |                                     |
| 041000060 | 4        | Sabine    | Jasper County Flood Hazard Mapping  | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes. | 04000007, 04000012, 04000013, 04000014 | Jasper   | 12010005           | 120100050601, 120100050602, 120100050603, 120100050604, 120100050605, 120100050607, 120100050608, 120100050801, 120100050802, 120100050803, 120100050804, 120100050901, 120100050902, 120100050905, 120100051001, 120100051002, 120100051003 | Lower Sabine            | Watershed Planning | 966             | Riverine          | Jasper                          | Jasper                          | Yes            | \$700,000            | Yes                                  | 945  | 915                                | 1,739                              | 15                                    | 5   | 5                                     | 67  | 2  | BLE                            |                                     |
| 041000061 | 4        | Sabine    | Elevation of Feeder Road Bridge Along IH-10 at Cole Creek Feasibility Study | Elevation of Feeder Road Bridge Along IH-10 at Cole Creek Feasibility Study  | 04000007, 04000012, 04000013, 04000014 | Orange   | 12010005           | 120100051003, 120100051004, 120100051005   | Lower Sabine            | Project Planning   | 119             | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes            | \$500,000            | Yes                                  | 7,655  | 6390                               | 10,805                             | 7                                     | 7   | 7                                     | 156   | 9,437  | BLE                            |                                     |
| 041000062 | 4        | Sabine    | Lawrence Road Detention Pond Feasibility Study                              | Lawrence Road Detention Pond Feasibility Study   | 04000007, 04000012, 04000013, 04000014 | Orange   | 12010005           | 120100051003, 120100051004, 120100051005   | Lower Sabine            | Project Planning   | 119             | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes            | \$400,000            | Yes                                  | 7,655  | 6390                               | 10,805                             | 7                                     | 7   | 7                                     | 156   | 9,437  | BLE                            |                                     |
| 041000063 | 4        | Sabine    | Diversion Channel Cow Bayou Feasibility Study                               | Diversion Channel Cow Bayou Feasibility Study  | 04000007, 04000012, 04000013, 04000014 | Orange   | 12010005           | 120100051003, 120100051004, 120100051005   | Lower Sabine            | Project Planning   | 119             | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes            | \$5,209,500          | Yes                                  | 7,655  | 6390                               | 10,805                             | 7                                     | 7   | 7                                     | 156   | 9,437  | BLE                            |                                     |

| FME ID    | RFPG No. | RFPG Name | FME Name  | Description   | Associated Goals   | Counties | HUC8s    | HUC12s   | Watershed Name | Study Type       | FME Area (sqmi) | Flood Risk Type | Sponsor  | Entities with Oversight | Emergency Need | Estimated Study Cost | Potential Funding Sources and Amount | Estimated number of structures at flood risk | Habitable structures at flood risk | Estimated Population at flood risk | Critical facilities at flood risk (#) | Number of low water crossings at flood risk (#) | Estimated number of road closures (#) | Estimated length of roads at flood risk (Miles) | Estimated active farm & ranch land at flood risk (acres) | Existing or Anticipated Models | Existing or Anticipated Maps (year)                             |  |
|-----------|----------|-----------|---|---|--------------------|----------|----------|--|----------------|------------------|-----------------|-----------------|----------|-------------------------|----------------|----------------------|--------------------------------------|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|--------------------------------|---|--|
| 041000064 | 4        | Sabine    | Bell Cutoff Low Water Crossing Study                      | Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000007, 04000008 | Harrison | 12010002 | 120100020703   | Middle Sabine  | Project Planning | 12              | Riverine        | Marshall | Marshall                | No             | \$75,000             | No                                   | 54   | 46                                 | 271                                | 0                                     | 0   | 0                                     | 344   | 344  | 0                              |   |  |
| 041000065 | 4        | Sabine    | Happy Hallow Creek Erosion Protection Study               | Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000007, 04000008 | Harrison | 12010002 | 120100020703, 120100020701                             | Middle Sabine  | Project Planning | 2               | Riverine        | Marshall | Marshall                | No             | \$75,000             | No                                   | 93   | 46                                 | 639                                | 0                                     | 0   | 0                                     | 0   | 0  | 0                              | Hydraulic and Hydrologic model of Parker Creek through Marshall |  |
| 041000066 | 4        | Sabine    | Cox Creek Culvert Improvement Feasibility Study           | Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000007, 04000008 | Harrison | 12010002 | 120100020703, 120100020701, 120100020702, 120100020704 | Middle Sabine  | Project Planning | 6               | Riverine        | Marshall | Marshall                | No             | \$75,000             | No                                   | 29   | 15                                 | 112                                | 0                                     | 0   | 0                                     | 47  | 47   | 0                              |   |  |
| 041000067 | 4        | Sabine    | Cox Creek Drainage Basin Feasibility Study                | Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000007, 04000008 | Harrison | 12010002 | 120100020703, 120100020701, 120100020702, 120100020704 | Middle Sabine  | Project Planning | 6               | Riverine        | Marshall | Marshall                | No             | \$75,000             | No                                   | 29   | 15                                 | 112                                | 0                                     | 0   | 0                                     | 47  | 47   | 0                              |   |  |
| 041000068 | 4        | Sabine    | City of Marshall Drainage System Improvements Study       | Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000007, 04000008 | Harrison | 12010002 | 120100020703, 120100020701                             | Middle Sabine  | Project Planning | 13              | Riverine        | Marshall | Marshall                | No             | \$100,000            | No                                   | 465  | 296                                | 4,657                              | 0                                     | 0   | 0                                     | 120   | 120  | 0                              |   |  |
| 041000069 | 4        | Sabine    | East Parker Creek Detention Pond Feasibility Study        | Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000007, 04000008 | Harrison | 12010002 | 120100020703, 120100020701                             | Middle Sabine  | Project Planning | 13              | Riverine        | Marshall | Marshall                | No             | \$75,000             | No                                   | 465  | 296                                | 4,657                              | 0                                     | 0   | 0                                     | 120   | 120  | 0                              | Hydraulic and Hydrologic model of Parker Creek through Marshall |  |
| 041000070 | 4        | Sabine    | Franklin St Underpass Improvement Study                   | Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000007, 04000008 | Harrison | 12010002 | 120100020703   | Middle Sabine  | Project Planning | 3               | Riverine        | Marshall | Marshall                | No             | \$75,000             | No                                   | 141  | 67                                 | 1,416                              | 0                                     | 0   | 0                                     | 6   | 6  | 0                              |   |  |
| 041000071 | 4        | Sabine    | Happy Hallow Creek Conveyance Improvement Study           | Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000007, 04000008 | Harrison | 12010002 | 120100020703, 120100020701                             | Middle Sabine  | Project Planning | 2               | Riverine        | Marshall | Marshall                | No             | \$75,000             | No                                   | 93   | 46                                 | 639                                | 0                                     | 0   | 0                                     | 0   | 0  | 0                              | Hydraulic and Hydrologic model of Parker Creek through Marshall |  |
| 041000072 | 4        | Sabine    | Lower Happy Hollow Creek Detention Pond Feasibility Study | Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000007, 04000008 | Harrison | 12010002 | 120100020703, 120100020701                             | Middle Sabine  | Project Planning | 13              | Riverine        | Marshall | Marshall                | No             | \$75,000             | No                                   | 465  | 296                                | 4,657                              | 0                                     | 0   | 0                                     | 120   | 120  | 0                              | Hydraulic and Hydrologic model of Parker Creek through Marshall |  |
| 041000073 | 4        | Sabine    | Parker Creek Maintenance Study                            | Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000007, 04000008 | Harrison | 12010002 | 120100020703, 120100020701                             | Middle Sabine  | Project Planning | 13              | Riverine        | Marshall | Marshall                | No             | \$10,000             | No                                   | 465  | 296                                | 4,657                              | 0                                     | 0   | 0                                     | 120   | 120  | 0                              | Hydraulic and Hydrologic model of Parker Creek through Marshall |  |
| 041000074 | 4        | Sabine    | Summit St Drainage Improvement Study                      | Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000007, 04000008 | Harrison | 12010002 | 120100020703   | Middle Sabine  | Project Planning | 2               | Riverine        | Marshall | Marshall                | No             | \$75,000             | No                                   | 64   | 43                                 | 835                                | 0                                     | 0   | 0                                     | 2   | 2  | 0                              | Hydraulic and Hydrologic model of Parker Creek through Marshall |  |
| 041000075 | 4        | Sabine    | Town Branch Creek Detention Pond Feasibility Study        | Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000007, 04000008 | Harrison | 12010002 | 120100020703, 120100020701                             | Middle Sabine  | Project Planning | 13              | Riverine        | Marshall | Marshall                | No             | \$75,000             | No                                   | 465  | 296                                | 4,657                              | 0                                     | 0   | 0                                     | 120   | 120  | 0                              |   |  |
| 041000076 | 4        | Sabine    | Turtle Creek Detention Pond Feasibility Study             | Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000007, 04000008 | Harrison | 12010002 | 120100020703, 120100020701                             | Middle Sabine  | Project Planning | 13              | Riverine        | Marshall | Marshall                | No             | \$75,000             | No                                   | 465  | 296                                | 4,657                              | 0                                     | 0   | 0                                     | 120   | 120  | 0                              | Hydraulic and Hydrologic model of Parker Creek through Marshall |  |
| 041000077 | 4        | Sabine    | Turtle Creek Maintenance Study                            | Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000007, 04000008 | Harrison | 12010002 | 120100020703, 120100020701                             | Middle Sabine  | Project Planning | 7               | Riverine        | Marshall | Marshall                | No             | \$10,000             | No                                   | 188  | 148                                | 2,237                              | 0                                     | 0   | 0                                     | 104   | 104  | 0                              | Hydraulic and Hydrologic model of Parker Creek through Marshall |  |

| FME ID    | RFPG No. | RFPG Name | FME Name  | Description   | Associated Goals   | Counties               | HUC8s              | HUC12s   | Watershed Name                       | Study Type         | FME Area (sqmi) | Flood Risk Type   | Sponsor                | Entities with Oversight | Emergency Need | Estimated Study Cost | Potential Funding Sources and Amount | Estimated number of structures at flood risk | Habitat structures at flood risk | Estimated Population at flood risk | Critical facilities at flood risk (#) | Number of low water crossings at flood risk (#) | Estimated number of road closures (#) | Estimated length of roads at flood risk (Miles) | Estimated active farm & ranch land at flood risk (acres) | Existing or Anticipated Models                                  | Existing or Anticipated Maps (year) |
|-----------|----------|-----------|---|---|--------------------|------------------------|--------------------|--|--------------------------------------|--------------------|-----------------|-------------------|------------------------|-------------------------|----------------|----------------------|--------------------------------------|--|----------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|---|-------------------------------------|
| 041000078 | 4        | Sabine    | Upper Happy Hollow Creek Detention Pond Feasibility Study | Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.                                 | 04000007, 04000008 | Harrison               | 12010002           | 120100020703, 120100020701   | Middle Sabine                        | Project Planning   | 13              | Riverine          | Marshall               | Marshall                | No             | \$75,000             | No                                   | 465  | 296                              | 4,657                              | 0                                     | 0   | 0                                     | 120   | 120  | Hydraulic and Hydrologic model of Parker Creek through Marshall |                                     |
| 041000079 | 4        | Sabine    | Van Zandt County Master Drainage Plan                     | Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000007, 04000008 | Van Zandt              | 12010001           | 120100010407, 120100010503, 120100010501, 120100010502, 120100010504, 120100010601, 120100010507, 120100010603, 120100010608, 120100010605, 120100010607, 120100010505, 120100010405, 120100010604   | Upper Sabine                         | Watershed Planning | 856             | Riverine          | Van Zandt              | Van Zandt               | No             | \$935,000            | No                                   | 1,080  | 452                              | 1,954                              | 0                                     | 9   | 9                                     | 24,554  | 24,554   | 0   |                                     |
| 041000080 | 4        | Sabine    | Smith County Drainage Capacity Upgrades                   | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.  | 04000007, 04000008 | Smith                  | 12010001, 12010002 | 120100020107, 120100020501, 120100020301, 120100020302, 120100020303, 120100020403, 120100020404, 120100020405, 120100020502, 120100020102, 120100020104   | Upper Sabine, Middle Sabine          | Project Planning   | 946             | Riverine          | Smith                  | Smith                   | Yes            | \$225,000            | No                                   | 1,303  | 767                              | 2,893                              | 7                                     | 0   | 0                                     | 9,799   | 9,799  | 0   |                                     |
| 041000081 | 4        | Sabine    | Rusk County Drainage Master Plan                          | Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000007, 04000008 | Rusk                   | 12010002           | 120100020501, 120100021004, 120100021005, 120100021006, 120100020506, 120100020502, 120100020503, 120100020601, 120100020603, 120100020604, 120100020605, 120100020606, 120100020608, 120100020801, 120100020803, 120100020901, 120100020804, 120100020802 | Middle Sabine                        | Watershed Planning | 935             | Riverine          | Rusk                   | Rusk                    | Yes            | \$750,000            | No                                   | 899  | 543                              | 1,789                              | 2                                     | 5   | 5                                     | 12,476  | 12,476   | 0   |                                     |
| 041000082 | 4        | Sabine    | Shelby County Drainage Master Plan                        | Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000007, 04000008 | Shelby                 | 12010002, 12010004 | 120100020501, 120100021004, 120100021005, 120100021006, 120100020506, 120100020502, 120100020503, 120100020601, 120100020603, 120100020604, 120100020605, 120100020606, 120100020608, 120100020801, 120100020803, 120100020901, 120100020804, 120100020802 | Middle Sabine, Toledo Bend Reservoir | Watershed Planning | 831             | Riverine          | Shelby                 | Shelby                  | No             | \$150,000            | No                                   | 575  | 0                                | 212                                | 0                                     | 3   | 3                                     | 8,973   | 8,973  | 0   |                                     |
| 041000083 | 4        | Sabine    | Jasper County Drainage Master Plan                        | Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000007, 04000008 | Jasper                 | 12010005           | 120100050604, 120100050905, 120100050603, 120100050901, 120100050902, 120100051002, 120100051003, 120100050804, 120100050605, 120100050601, 120100050602, 120100051001, 120100050607, 120100050608, 120100050801, 120100050802, 120100050803               | Lower Sabine                         | Watershed Planning | 966             | Riverine          | Jasper                 | Jasper                  | Yes            | \$280,000            | No                                   | 945  | 327                              | 2,481                              | 11                                    | 5   | 5                                     | 5,864   | 5,864  | 0   |                                     |
| 041000084 | 4        | Sabine    | Orange County Flood Hazard Mapping                        | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.  | 04000011, 04000012 | Orange                 | 12010005           | 120100051005, 120100051004, 120100051100, 120100051003   | Lower Sabine                         | Watershed Planning | 371             | Riverine, Coastal | Orange County          | Orange County           | Yes            | \$1,500,000          | No                                   | 16,974                                       | 14040                            | 44,427                             | 269                                   | 22  | 22                                    | 13,579  | 13,579   | 0   |                                     |
| 041000085 | 4        | Sabine    | Orange County Drainage Master Plan                        | Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000007, 04000008 | Orange                 | 12010005           | 120100051005, 120100051004, 120100051100, 120100051003   | Lower Sabine                         | Watershed Planning | 371             | Riverine, Coastal | Orange County          | Orange County           | Yes            | \$675,000            | No                                   | 16,974                                       | 14040                            | 44,427                             | 269                                   | 22  | 22                                    | 13,579  | 13,579   | 0   |                                     |
| 041000086 | 4        | Sabine    | Kaufman County Flood Hazard Mapping                       | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.  | 04000011, 04000012 | Kaufman                | 12010001           | 120100010501, 120100010303, 120100010404, 120100010302, 120100010405   | Upper Sabine                         | Watershed Planning | 805             | Riverine          | Kaufman                | Kaufman                 | No             | \$3,500,000          | No                                   | 79   | 58                               | 100                                | 0                                     | 3   | 3                                     | 2,567   | 2,567  | 0   |                                     |
| 041000087 | 4        | Sabine    | Rockwall County Flood Hazard Mapping                      | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.  | 04000011, 04000012 | Rockwall               | 12010001           | 120100010301, 120100010302   | Upper Sabine                         | Watershed Planning | 148             | Riverine          | Rockwall               | Rockwall                | No             | \$575,000            | No                                   | 191  | 149                              | 786                                | 0                                     | 11  | 11                                    | 2,829   | 2,829  | 0   |                                     |
| 041000088 | 4        | Sabine    | Collin County Flood Hazard Mapping                        | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.  | 04000011, 04000012 | Collin                 | 12010001           | 120100010201, 120100010202, 120100010301, 120100010302   | Upper Sabine                         | Watershed Planning | 883             | Riverine          | Collin                 | Collin                  | No             | \$3,750,000          | No                                   | 228  | 174                              | 313                                | 0                                     | 2   | 2                                     | 2,530   | 2,530  | 0   |                                     |
| 041000089 | 4        | Sabine    | Hunt County Countywide Drainage Study - Phase 2           | Development of detailed hydraulic models for additional areas of high flood risk identified in Phase 1. Perform alternatives analysis and develop FMPs for second cycle of the State Flood Plan.  | 04000007, 04000008 | Hunt                   | 12010001, 12010003 | 120100010201, 120100010202, 120100010301, 120100010302   | Upper Sabine, Lake Fork              | Project Planning   | 1,254           | Riverine          | Hunt                   | Hunt                    | Yes            | \$250,000            | No                                   | 3,043  | 1860                             | 10,011                             | 45                                    | 28  | 28                                    | 46,891  | 46,891   | Hydraulic and Hydrologic model of Hunt County                   |                                     |
| 041000090 | 4        | Sabine    | Lower Sabine FIF Phase 2                                  | Development of detailed hydraulic models for additional areas of high flood risk identified in Phase 1. Perform alternatives analysis and develop FMPs for second cycle of the State Flood Plan.  | 04000007, 04000008 | Orange, Jasper, Newton | 12010004, 12010005 | 120100010201, 120100010202, 120100010301, 120100010302   | Toledo Bend Reservoir, Lower Sabine  | Project Planning   | 2,144           | Riverine, Coastal | Sabine River Authority | Sabine River Authority  | Yes            | \$250,000            | No                                   | 20,900                                       | 16120                            | 50,172                             | 313                                   | 37  | 37                                    | 26,444  | 26,444   | 0   |                                     |
| 041000091 | 4        | Sabine    | Upper Sabine FIF Phase 2                                  | Development of detailed hydraulic models for additional areas of high flood risk identified in Phase 1. Perform alternatives analysis and develop FMPs for second cycle of the State Flood Plan.  | 04000007, 04000008 | Gregg, Rusk            | 12010002           | 120100020501, 120100020506, 120100020502, 120100020503, 120100020601, 120100020504, 120100020505   | Middle Sabine                        | Project Planning   | 249             | Riverine          | Sabine River Authority | Sabine River Authority  | Yes            | \$250,000            | No                                   | 2,037  | 1473                             | 14,565                             | 20                                    | 3   | 3                                     | 4,405   | 4,405  | Hydraulic and Hydrologic model of Longview and Kilgore          |                                     |
| 041000092 | 4        | Sabine    | Collin County Retention Structures Rehabilitation Project | Collin County Retention Structures Rehabilitation Project   | 04000007, 04000008 | Collin                 | 12010001           | 120100010201, 120100010202, 120100010301, 120100010302   | Upper Sabine                         | Project Planning   | 883             | Riverine          | Collin                 | Collin                  | No             | \$30,000             | No                                   | 228  | 174                              | 313                                | 0                                     | 2   | 2                                     | 2,530   | 2,530  | 0   |                                     |
| 041000093 | 4        | Sabine    | Collin County Flooding Hazard/Vulnerability Assessment    | Collin County flooding hazard/vulnerability assessment  | 04000007, 04000008 | Collin                 | 12010001           | 120100010201, 120100010202, 120100010301, 120100010302   | Upper Sabine                         | Project Planning   | 883             | Riverine          | Collin                 | Collin                  | No             | \$30,000             | No                                   | 228  | 174                              | 313                                | 0                                     | 2   | 2                                     | 2,530   | 2,530  | 0   |                                     |
| 041000094 | 4        | Sabine    | Collin County Dam Inundation Study                        | Collin County Dam Inundation Study  | 04000011, 04000012 | Collin                 | 12010001           | 120100010201, 120100010202, 120100010301, 120100010302   | Upper Sabine                         | Other              | 883             | Riverine          | Collin                 | Collin                  | No             | \$30,000             | No                                   | 228  | 174                              | 313                                | 0                                     | 2   | 2                                     | 2,530   | 2,530  | 0   |                                     |
| 041000095 | 4        | Sabine    | City of Emory Drainage Master Plan                        | Development of detailed hydraulic models for areas of high flood risk. Perform alternatives analysis and develop FMPs for second cycle of the State Flood Plan.   | 04000007, 04000008 | Rains, Hopkins         | 12010001, 12010003 | 120100030101, 120100030102, 120100030103, 120100030107, 120100030104   | Upper Sabine, Lake Fork              | Watershed Planning | 30              | Riverine          | Emory                  | Emory                   | No             | \$100,000            | No                                   | 35   | 31                               | 30                                 | 0                                     | 0   | 0                                     | 1,500   | 1,500  | 0   |                                     |

| FME ID    | RFPG No. | RFPG Name | FME Name                                     | Description  | Associated Goals   | Counties       | HUC8s              | HUC12s   | Watershed Name          | Study Type       | FME Area (sqmi) | Flood Risk Type | Sponsor  | Entities with Oversight | Emergency Need | Estimated Study Cost | Potential Funding Sources and Amount | Estimated number of structures at flood risk | Habitable structures at flood risk | Estimated Population at flood risk | Critical facilities at flood risk (#) | Number of low water crossings at flood risk (#) | Estimated number of road closures (#) | Estimated length of roads at flood risk (Miles) | Estimated active farm & ranch land at flood risk (acres) | Existing or Anticipated Models                         | Existing or Anticipated Maps (year)                    |  |
|-----------|----------|-----------|--|--|--------------------|----------------|--------------------|--|-------------------------|------------------|-----------------|-----------------|----------|-------------------------|----------------|----------------------|--------------------------------------|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|--|--|--|
| 041000096 | 4        | Sabine    | City of Emory Roadway Flood Evaluation       | Development of detailed hydraulic models for areas of high flood risk. Perform alternatives analysis to evaluate roadway flooding throughout the city and Honeysuckle Lane, Quitman Street, Alexander Street, Wells Street, Skyline, and FM 515. | 04000007, 04000008 | Rains, Hopkins | 12010001, 12010003 | 120100010506, 120100010507, 120100030101, 120100030102, 120100030103, 120100030107, 120100030104 | Upper Sabine, Lake Fork | Project Planning | 30              | Riverine        | Emory    | Emory                   | No             | \$100,000            | No                                   | 35   | 31                                 | 30                                 | 0                                     | 0   | 0                                     | 1,500   | 1,500  | 0  |  |  |
| 041000097 | 4        | Sabine    | Bighead Creek Flooding                       | Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.   | 04000007, 04000008 | Gregg, Rusk    | 12010002           | 120100020503   | Middle Sabine           | Project Planning | 2               | Riverine        | Kilgore  | Kilgore                 | Yes            | \$75,000             | No                                   | 57   | 49                                 | 151                                | 3                                     | 0   | 0                                     | 79  | 79   | Hydraulic and Hydrologic model of Longview and Kilgore |  |  |
| 041000098 | 4        | Sabine    | Guthrie Creek Corridor Flooding              | Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.   | 04000007, 04000008 | Gregg          | 12010002           | 120100020505   | Middle Sabine           | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 37   | 24                                 | 200                                | 0                                     | 0   | 0                                     | 0   | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |  |  |
| 041000099 | 4        | Sabine    | Longview Underpass Flooding                  | Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.   | 04000007, 04000008 | Gregg          | 12010002           | 120100020505   | Middle Sabine           | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 33   | 4                                  | 499                                | 0                                     | 0   | 0                                     | 0   | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |  |  |
| 041000100 | 4        | Sabine    | Upper Wade Creek Flooding                    | Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.   | 04000007, 04000008 | Gregg          | 12010002           | 120100020505   | Middle Sabine           | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 83   | 49                                 | 248                                | 0                                     | 0   | 0                                     | 0   | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |  |  |
| 041000101 | 4        | Sabine    | Lower Wade Creek Flooding                    | Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.   | 04000007, 04000008 | Gregg          | 12010002           | 120100020505   | Middle Sabine           | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 0  | 0                                  | 0                                  | 0                                     | 0   | 0                                     | 0   | 2  | 2  | Hydraulic and Hydrologic model of Longview and Kilgore |  |
| 041000102 | 4        | Sabine    | Turkey Creek Tributary Neighborhood Flooding | Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.   | 04000007, 04000008 | Gregg          | 12010002           | 120100020503   | Middle Sabine           | Project Planning | 0               | Riverine        | Kilgore  | Kilgore                 | No             | \$75,000             | No                                   | 41   | 40                                 | 113                                | 0                                     | 0   | 0                                     | 0   | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |  |  |
| 041000103 | 4        | Sabine    | Elm Branch Flooding                          | Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.   | 04000007, 04000008 | Gregg          | 12010002           | 120100020505   | Middle Sabine           | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 18   | 17                                 | 43                                 | 0                                     | 0   | 0                                     | 1   | 1  | Hydraulic and Hydrologic model of Longview and Kilgore |  |  |
| 041000104 | 4        | Sabine    | Upper Turkey Creek Neighborhood Flooding     | Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.   | 04000007, 04000008 | Gregg, Rusk    | 12010002           | 120100020503   | Middle Sabine           | Project Planning | 0               | Riverine        | Kilgore  | Kilgore                 | No             | \$75,000             | No                                   | 42   | 37                                 | 108                                | 0                                     | 2   | 2                                     | 0   | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |  |  |
| 041000105 | 4        | Sabine    | Tammy Lynn Drive Neighborhood Flooding       | Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.   | 04000007, 04000008 | Gregg          | 12010002           | 120100020504, 120100020505   | Middle Sabine           | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 10   | 7                                  | 61                                 | 0                                     | 0   | 0                                     | 0   | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |  |  |
| 041000106 | 4        | Sabine    | Upper Guthrie Creek Neighborhood Flooding    | Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.   | 04000007, 04000008 | Gregg          | 12010002           | 120100020505   | Middle Sabine           | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 53   | 47                                 | 493                                | 0                                     | 0   | 0                                     | 0   | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |  |  |
| 041000107 | 4        | Sabine    | Harris Creek at US 80 Flooding               | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.  | 04000007, 04000008 | Gregg          | 12010002           | 120100020505   | Middle Sabine           | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 9  | 4                                  | 48                                 | 0                                     | 0   | 0                                     | 1   | 1  | Hydraulic and Hydrologic model of Longview and Kilgore |  |  |
| 041000108 | 4        | Sabine    | Grace Creek Flooding at US 80                | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.  | 04000007, 04000008 | Gregg          | 12010002           | 120100020505   | Middle Sabine           | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 11   | 2                                  | 139                                | 0                                     | 0   | 0                                     | 1   | 1  | Hydraulic and Hydrologic model of Longview and Kilgore |  |  |
| 041000109 | 4        | Sabine    | Rabbit Creek at SH 42 Overtopping            | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.  | 04000007, 04000008 | Gregg          | 12010002           | 120100020502   | Middle Sabine           | Project Planning | 0               | Riverine        | Kilgore  | Kilgore                 | No             | \$75,000             | No                                   | 2  | 0                                  | 28                                 | 0                                     | 0   | 0                                     | 2   | 2  | Hydraulic and Hydrologic model of Longview and Kilgore |  |  |
| 041000110 | 4        | Sabine    | US 281 Underpass                             | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.  | 04000007, 04000008 | Gregg          | 12010002           | 120100020506, 120100020505   | Middle Sabine           | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 2  | 0                                  | 11                                 | 0                                     | 0   | 0                                     | 0   | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |  |  |
| 041000111 | 4        | Sabine    | Judson Road Neighborhood Flooding            | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.  | 04000007, 04000008 | Gregg          | 12010002           | 120100020505   | Middle Sabine           | Project Planning | 0               | Riverine        | Longview | Longview                | Yes            | \$75,000             | No                                   | 27   | 15                                 | 253                                | 1                                     | 0   | 0                                     | 0   | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |  |  |

| FME ID    | RFPG No. | RFPG Name | FME Name                                    | Description   | Associated Goals   | Counties | HUC8s    | HUC12s                     | Watershed Name | Study Type       | FME Area (sqmi) | Flood Risk Type | Sponsor  | Entities with Oversight | Emergency Need | Estimated Study Cost | Potential Funding Sources and Amount | Estimated number of structures at flood risk | Habitable structures at flood risk | Estimated Population at flood risk | Critical facilities at flood risk (#) | Number of low water crossings at flood risk (#) | Estimated number of road closures (#) | Estimated length of roads at flood risk (Miles) | Estimated active farm & ranch land at flood risk (acres) | Existing or Anticipated Models                         | Existing or Anticipated Maps (year) |
|-----------|----------|-----------|---|---|--------------------|----------|----------|----------------------------|----------------|------------------|-----------------|-----------------|----------|-------------------------|----------------|----------------------|--------------------------------------|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|--|-------------------------------------|
| 041000112 | 4        | Sabine    | SH 135 Underpass Flooding                   | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020502               | Middle Sabine  | Project Planning | 0               | Riverine        | Kilgore  | Kilgore                 | No             | \$75,000             | No                                   | 0  | 0                                  | 0                                  | 0                                     | 0   | 0                                     | 0   | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |                                     |
| 041000113 | 4        | Sabine    | Drake Blvd Neighborhood Flooding            | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020505               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 5  | 5                                  | 8                                  | 0                                     | 0   | 0                                     | 0   | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |                                     |
| 041000114 | 4        | Sabine    | HG Mosely Roadway Flooding                  | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020505               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 3  | 3                                  | 29                                 | 0                                     | 0   | 0                                     | 0   | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |                                     |
| 041000115 | 4        | Sabine    | Eden Drive Flooding                         | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020505               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 15   | 15                                 | 120                                | 0                                     | 0   | 0                                     | 0   | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |                                     |
| 041000116 | 4        | Sabine    | Coushatta Hills Creek Neighborhood Flooding | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020505               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 21   | 21                                 | 42                                 | 0                                     | 0   | 0                                     | 0   | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |                                     |
| 041000117 | 4        | Sabine    | Grace Creek at Loop 281 Overtopping (South) | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020506, 120100020505 | Middle Sabine  | Project Planning | 1               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 3  | 2                                  | 6                                  | 0                                     | 0   | 0                                     | 5   | 5  | Hydraulic and Hydrologic model of Longview and Kilgore |                                     |
| 041000118 | 4        | Sabine    | Whispering Pines Roadway Flooding           | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020505               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 20   | 20                                 | 43                                 | 0                                     | 0   | 0                                     | 0   | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |                                     |
| 041000119 | 4        | Sabine    | Eastman Road Flooding                       | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020601               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 7  | 2                                  | 24                                 | 0                                     | 0   | 0                                     | 0   | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |                                     |
| 041000120 | 4        | Sabine    | Florence Street Neighborhood Flooding       | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Rusk     | 12010002 | 120100020503               | Middle Sabine  | Project Planning | 0               | Riverine        | Kilgore  | Kilgore                 | No             | \$75,000             | No                                   | 25   | 22                                 | 68                                 | 0                                     | 0   | 0                                     | 0   | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |                                     |
| 041000121 | 4        | Sabine    | Grace Creek at Freemont Street Flooding     | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020505               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 6  | 6                                  | 19                                 | 0                                     | 0   | 0                                     | 3   | 3  | Hydraulic and Hydrologic model of Longview and Kilgore |                                     |
| 041000122 | 4        | Sabine    | Secretariat Trail Neighborhood Flooding     | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020505               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 11   | 11                                 | 110                                | 0                                     | 0   | 0                                     | 0   | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |                                     |
| 041000123 | 4        | Sabine    | Lorraine Court Neighborhood Flooding        | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020505               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 21   | 21                                 | 50                                 | 0                                     | 0   | 0                                     | 0   | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |                                     |
| 041000124 | 4        | Sabine    | Rabbit Creek at SH 31 Overtopping           | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020506, 120100020502 | Middle Sabine  | Project Planning | 0               | Riverine        | Kilgore  | Kilgore                 | No             | \$75,000             | No                                   | 1  | 1                                  | 0                                  | 0                                     | 0   | 0                                     | 0   | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |                                     |
| 041000125 | 4        | Sabine    | US 259 and Remington Neighborhood Flooding  | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Rusk     | 12010002 | 120100020503               | Middle Sabine  | Project Planning | 0               | Riverine        | Kilgore  | Kilgore                 | No             | \$75,000             | No                                   | 3  | 2                                  | 8                                  | 0                                     | 0   | 0                                     | 13  | 13   | Hydraulic and Hydrologic model of Longview and Kilgore |                                     |
| 041000126 | 4        | Sabine    | Harris Creek Local Road Flooding            | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020505               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 4  | 1                                  | 9                                  | 0                                     | 0   | 0                                     | 0   | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |                                     |
| 041000127 | 4        | Sabine    | Harley Ridge Road Flooding (South)          | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020504               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 5  | 5                                  | 11                                 | 0                                     | 0   | 0                                     | 8   | 8  | Hydraulic and Hydrologic model of Longview and Kilgore |                                     |

| FME ID    | RFPG No. | RFPG Name | FME Name                                      | Description   | Associated Goals   | Counties | HUC8s    | HUC12s                     | Watershed Name | Study Type       | FME Area (sqmi) | Flood Risk Type | Sponsor  | Entities with Oversight | Emergency Need | Estimated Study Cost | Potential Funding Sources and Amount | Estimated number of structures at flood risk | Habitable structures at flood risk | Estimated Population at flood risk | Critical facilities at flood risk (#) | Number of low water crossings at flood risk (#) | Estimated number of road closures (#) | Estimated length of roads at flood risk (Miles) | Estimated active farm & ranch land at flood risk (acres) | Existing or Anticipated Models                         | Existing or Anticipated Maps (year) |
|-----------|----------|-----------|---|---|--------------------|----------|----------|----------------------------|----------------|------------------|-----------------|-----------------|----------|-------------------------|----------------|----------------------|--------------------------------------|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|--|-------------------------------------|
| 041000128 | 4        | Sabine    | French Drive Neighborhood Flooding            | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020504               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 5  | 5                                  | 10                                 | 0                                     | 0   | 0                                     | 0   | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |                                     |
| 041000129 | 4        | Sabine    | Middle Guthrie Creek Flooding                 | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020505               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 4  | 2                                  | 447                                | 0                                     | 0   | 0                                     | 1   | 1  | Hydraulic and Hydrologic model of Longview and Kilgore |                                     |
| 041000130 | 4        | Sabine    | Upper Iron Bridge Creek Neighborhood Flooding | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020601, 120100020505 | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 13   | 12                                 | 24                                 | 0                                     | 0   | 0                                     | 0   | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |                                     |
| 041000131 | 4        | Sabine    | Lakeport Neighborhood Flooding                | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020601               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 16   | 15                                 | 16                                 | 0                                     | 0   | 0                                     | 2   | 2  | Hydraulic and Hydrologic model of Longview and Kilgore |                                     |
| 041000132 | 4        | Sabine    | Oak Creek Tributary Neighborhood Flooding     | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020505               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 15   | 10                                 | 78                                 | 0                                     | 0   | 0                                     | 0   | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |                                     |
| 041000133 | 4        | Sabine    | S Whately Road Flooding                       | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020504               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 1  | 1                                  | 1                                  | 0                                     | 0   | 0                                     | 24  | 24   | Hydraulic and Hydrologic model of Longview and Kilgore |                                     |
| 041000134 | 4        | Sabine    | Grace Creek at Highway 31 Flooding            | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020505               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 3  | 0                                  | 64                                 | 0                                     | 0   | 0                                     | 0   | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |                                     |
| 041000135 | 4        | Sabine    | Rockwall Drive Neighborhood Flooding          | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020505               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 12   | 12                                 | 29                                 | 0                                     | 0   | 0                                     | 0   | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |                                     |
| 041000136 | 4        | Sabine    | Sabine Street and Railroad Flooding           | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020505               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 0  | 0                                  | 0                                  | 0                                     | 0   | 0                                     | 4   | 4  | Hydraulic and Hydrologic model of Longview and Kilgore |                                     |
| 041000137 | 4        | Sabine    | Hawkins Creek Tributary Flooding              | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020504               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 1  | 1                                  | 0                                  | 0                                     | 0   | 0                                     | 3   | 3  | Hydraulic and Hydrologic model of Longview and Kilgore |                                     |
| 041000138 | 4        | Sabine    | Coleman Drive Neighborhood Flooding           | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020505               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 27   | 27                                 | 58                                 | 0                                     | 0   | 0                                     | 0   | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |                                     |
| 041000139 | 4        | Sabine    | Rabbit Creek at SH 135 Overtopping            | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020502               | Middle Sabine  | Project Planning | 0               | Riverine        | Kilgore  | Kilgore                 | No             | \$75,000             | No                                   | 0  | 0                                  | 0                                  | 0                                     | 1   | 1                                     | 1   | 1  | Hydraulic and Hydrologic model of Longview and Kilgore |                                     |
| 041000140 | 4        | Sabine    | Grace Creek at HG Mosley Flooding             | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020505               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 0  | 0                                  | 0                                  | 0                                     | 0   | 0                                     | 4   | 4  | Hydraulic and Hydrologic model of Longview and Kilgore |                                     |
| 041000141 | 4        | Sabine    | Grace Creek at Loop 281 Flooding (North)      | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020505               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 4  | 0                                  | 229                                | 0                                     | 0   | 0                                     | 0   | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |                                     |
| 041000142 | 4        | Sabine    | Circle Road Neighborhood Flooding             | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Harrison | 12010002 | 120100020601               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 8  | 8                                  | 18                                 | 0                                     | 0   | 0                                     | 1   | 1  | Hydraulic and Hydrologic model of Longview and Kilgore |                                     |
| 041000143 | 4        | Sabine    | N Whately Road Flooding                       | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020504               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 2  | 2                                  | 4                                  | 0                                     | 0   | 0                                     | 0   | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |                                     |

| FME ID    | RFPG No. | RFPG Name | FME Name                                   | Description   | Associated Goals   | Counties    | HUC8s    | HUC12s       | Watershed Name | Study Type       | FME Area (sqmi) | Flood Risk Type | Sponsor  | Entities with Oversight | Emergency Need | Estimated Study Cost | Potential Funding Sources and Amount | Estimated number of structures at flood risk | Habitable structures at flood risk | Estimated Population at flood risk | Critical facilities at flood risk (#) | Number of low water crossings at flood risk (#) | Estimated number of road closures (#) | Estimated length of roads at flood risk (Miles) | Estimated active farm & ranch land at flood risk (acres) | Existing or Anticipated Models                         | Existing or Anticipated Maps (year)                    |  |
|-----------|----------|-----------|--|---|--------------------|-------------|----------|--------------|----------------|------------------|-----------------|-----------------|----------|-------------------------|----------------|----------------------|--------------------------------------|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|--|--|--|
| 041000144 | 4        | Sabine    | Meadowbrook Neighborhood Flooding          | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Rusk        | 12010002 | 120100020501 | Middle Sabine  | Project Planning | 0               | Riverine        | Kilgore  | Kilgore                 | No             | \$75,000             | No                                   | 27   | 22                                 | 64                                 | 0                                     | 0   | 0                                     | 3   | 3  | Hydraulic and Hydrologic model of Longview and Kilgore |  |  |
| 041000145 | 4        | Sabine    | Hill Street Flooding                       | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg       | 12010002 | 120100020505 | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 1  | 1                                  | 4                                  | 0                                     | 0   | 0                                     | 0   | 0  | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |  |
| 041000146 | 4        | Sabine    | Rabbit Creek at Fairmont Street Flooding   | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg       | 12010002 | 120100020502 | Middle Sabine  | Project Planning | 0               | Riverine        | Kilgore  | Kilgore                 | No             | \$75,000             | No                                   | 0  | 0                                  | 0                                  | 0                                     | 1   | 1                                     | 1   | 1  | 1  | Hydraulic and Hydrologic model of Longview and Kilgore |  |
| 041000147 | 4        | Sabine    | Lynnwood Street Neighborhood Flooding      | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg       | 12010002 | 120100020505 | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 9  | 9                                  | 19                                 | 0                                     | 0   | 0                                     | 0   | 0  | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |  |
| 041000148 | 4        | Sabine    | Harley Ridge Overtopping (North)           | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg       | 12010002 | 120100020504 | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 1  | 1                                  | 4                                  | 0                                     | 0   | 0                                     | 0   | 0  | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |  |
| 041000149 | 4        | Sabine    | Rolling Meadows Neighborhood Flooding      | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg       | 12010002 | 120100020506 | Middle Sabine  | Project Planning | 0               | Riverine        | Kilgore  | Kilgore                 | No             | \$75,000             | No                                   | 13   | 13                                 | 21                                 | 0                                     | 0   | 0                                     | 0   | 0  | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |  |
| 041000150 | 4        | Sabine    | Lake Lamond                                | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg       | 12010002 | 120100020505 | Middle Sabine  | Project Planning | 1               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 1  | 0                                  | 178                                | 0                                     | 0   | 0                                     | 2   | 2  | 2  | Hydraulic and Hydrologic model of Longview and Kilgore |  |
| 041000151 | 4        | Sabine    | Evergreen Street Overtopping               | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg       | 12010002 | 120100020505 | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 0  | 0                                  | 0                                  | 0                                     | 0   | 0                                     | 0   | 0  | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |  |
| 041000152 | 4        | Sabine    | Higginbotham Road Neighborhood Flooding    | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg       | 12010002 | 120100020503 | Middle Sabine  | Project Planning | 0               | Riverine        | Kilgore  | Kilgore                 | No             | \$75,000             | No                                   | 12   | 12                                 | 26                                 | 0                                     | 0   | 0                                     | 0   | 0  | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |  |
| 041000153 | 4        | Sabine    | Meadowview Road Flooding                   | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg       | 12010002 | 120100020504 | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 2  | 2                                  | 3                                  | 0                                     | 0   | 0                                     | 3   | 3  | 3  | Hydraulic and Hydrologic model of Longview and Kilgore |  |
| 041000154 | 4        | Sabine    | White Street Neighborhood Flooding         | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg, Rusk | 12010002 | 120100020503 | Middle Sabine  | Project Planning | 0               | Riverine        | Kilgore  | Kilgore                 | No             | \$75,000             | No                                   | 3  | 3                                  | 5                                  | 0                                     | 0   | 0                                     | 1   | 1  | 1  | Hydraulic and Hydrologic model of Longview and Kilgore |  |
| 041000155 | 4        | Sabine    | Airline Road Overtopping                   | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg       | 12010002 | 120100020505 | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 1  | 0                                  | 0                                  | 0                                     | 0   | 0                                     | 0   | 1  | 1  | Hydraulic and Hydrologic model of Longview and Kilgore |  |
| 041000156 | 4        | Sabine    | Patio Street Neighborhood Flooding         | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg       | 12010002 | 120100020505 | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 21   | 21                                 | 102                                | 0                                     | 0   | 0                                     | 0   | 0  | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |  |
| 041000157 | 4        | Sabine    | Old Gladewater Highway Overtopping         | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg       | 12010002 | 120100020502 | Middle Sabine  | Project Planning | 0               | Riverine        | Kilgore  | Kilgore                 | No             | \$75,000             | No                                   | 1  | 0                                  | 0                                  | 0                                     | 0   | 0                                     | 0   | 0  | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |  |
| 041000158 | 4        | Sabine    | Ray Creek at Piller Precise Rd Overtopping | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg       | 12010002 | 120100020505 | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | No                                   | 0  | 0                                  | 0                                  | 0                                     | 0   | 0                                     | 0   | 2  | 2  | Hydraulic and Hydrologic model of Longview and Kilgore |  |
| 041000159 | 4        | Sabine    | Cassidy Lane Overtopping                   | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Rusk        | 12010002 | 120100020506 | Middle Sabine  | Project Planning | 0               | Riverine        | Kilgore  | Kilgore                 | No             | \$75,000             | No                                   | 0  | 0                                  | 0                                  | 0                                     | 0   | 0                                     | 0   | 0  | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |  |

| FME ID    | RFPG No. | RFPG Name | FME Name  | Description   | Associated Goals   | Counties | HUC8s    | HUC12s                     | Watershed Name | Study Type       | FME Area (sqmi) | Flood Risk Type | Sponsor   | Entities with Oversight | Emergency Need | Estimated Study Cost | Potential Funding Sources and Amount | Estimated number of structures at flood risk | Habitable structures at flood risk | Estimated Population at flood risk | Critical facilities at flood risk (#) | Number of low water crossings at flood risk (#) | Estimated number of road closures (#) | Estimated length of roads at flood risk (Miles) | Estimated active farm & ranch land at flood risk (acres) | Existing or Anticipated Models                         | Existing or Anticipated Maps (year)                    |  |
|-----------|----------|-----------|---|---|--------------------|----------|----------|----------------------------|----------------|------------------|-----------------|-----------------|-----------|-------------------------|----------------|----------------------|--------------------------------------|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|--|--|--|
| 041000160 | 4        | Sabine    | County Road 1114 Overtopping                    | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Rusk     | 12010002 | 120100020501, 120100020502 | Middle Sabine  | Project Planning | 0               | Riverine        | Rusk      | Rusk                    | No             | \$75,000             | No                                   | 0  | 0                                  | 0                                  | 0                                     | 0   | 0                                     | 0   | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |  |  |
| 041000161 | 4        | Sabine    | Mitchell Lake Outfall                           | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020601               | Middle Sabine  | Project Planning | 0               | Riverine        | Lakeport  | Lakeport                | No             | \$75,000             | No                                   | 0  | 0                                  | 0                                  | 0                                     | 0   | 0                                     | 0   | 0  | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |  |
| 041000162 | 4        | Sabine    | County Road 1115 Overtopping                    | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Rusk     | 12010002 | 120100020502               | Middle Sabine  | Project Planning | 0               | Riverine        | Rusk      | Rusk                    | No             | \$75,000             | No                                   | 0  | 0                                  | 0                                  | 0                                     | 0   | 0                                     | 11  | 11   | Hydraulic and Hydrologic model of Longview and Kilgore |  |  |
| 041000163 | 4        | Sabine    | County Road 138 Overtopping                     | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Rusk     | 12010002 | 120100020501               | Middle Sabine  | Project Planning | 0               | Riverine        | Rusk      | Rusk                    | No             | \$75,000             | No                                   | 0  | 0                                  | 0                                  | 0                                     | 0   | 0                                     | 0   | 7  | 7  | Hydraulic and Hydrologic model of Longview and Kilgore |  |
| 041000164 | 4        | Sabine    | County Road 1110 Overtopping                    | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Rusk     | 12010002 | 120100020501               | Middle Sabine  | Project Planning | 0               | Riverine        | Rusk      | Rusk                    | No             | \$75,000             | No                                   | 0  | 0                                  | 0                                  | 0                                     | 0   | 0                                     | 35  | 35   | Hydraulic and Hydrologic model of Longview and Kilgore |  |  |
| 041000165 | 4        | Sabine    | Grace Creek at Hawkins Pkwy Flooding            | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020505               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview  | Longview                | No             | \$75,000             | No                                   | 1  | 0                                  | 2                                  | 0                                     | 0   | 0                                     | 0   | 0  | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |  |
| 041000166 | 4        | Sabine    | FM 3053/1639 Flooding                           | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Rusk     | 12010002 | 120100020501               | Middle Sabine  | Project Planning | 1               | Riverine        | Kilgore   | Kilgore                 | No             | \$75,000             | No                                   | 0  | 0                                  | 0                                  | 0                                     | 0   | 0                                     | 87  | 87   | Hydraulic and Hydrologic model of Longview and Kilgore |  |  |
| 041000167 | 4        | Sabine    | McCann Creek Road Overtopping                   | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020505               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview  | Longview                | No             | \$75,000             | No                                   | 1  | 1                                  | 5                                  | 0                                     | 0   | 0                                     | 5   | 5  | Hydraulic and Hydrologic model of Longview and Kilgore |  |  |
| 041000168 | 4        | Sabine    | Meadows Lane Flooding                           | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020506               | Middle Sabine  | Project Planning | 0               | Riverine        | Kilgore   | Kilgore                 | No             | \$75,000             | No                                   | 0  | 0                                  | 0                                  | 0                                     | 0   | 0                                     | 0   | 0  | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |  |
| 041000169 | 4        | Sabine    | McKay Street Overtopping                        | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Rusk     | 12010002 | 120100020501               | Middle Sabine  | Project Planning | 0               | Riverine        | Overton   | Overton                 | No             | \$75,000             | No                                   | 1  | 1                                  | 0                                  | 0                                     | 0   | 0                                     | 43  | 43   | Hydraulic and Hydrologic model of Longview and Kilgore |  |  |
| 041000170 | 4        | Sabine    | FM 3053 Overtopping                             | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Rusk     | 12010002 | 120100020501               | Middle Sabine  | Project Planning | 0               | Riverine        | Rusk      | Rusk                    | No             | \$75,000             | No                                   | 0  | 0                                  | 0                                  | 0                                     | 0   | 0                                     | 31  | 31   | Hydraulic and Hydrologic model of Longview and Kilgore |  |  |
| 041000171 | 4        | Sabine    | Hawkins Creek at George Richey Road Overtopping | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020504               | Middle Sabine  | Project Planning | 0               | Riverine        | White Oak | White Oak               | No             | \$75,000             | No                                   | 0  | 0                                  | 0                                  | 0                                     | 0   | 0                                     | 3   | 3  | Hydraulic and Hydrologic model of Longview and Kilgore |  |  |
| 041000172 | 4        | Sabine    | Denman Road Overtopping                         | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Smith    | 12010002 | 120100020501               | Middle Sabine  | Project Planning | 0               | Riverine        | Smith     | Smith                   | No             | \$75,000             | No                                   | 0  | 0                                  | 0                                  | 0                                     | 0   | 0                                     | 17  | 17   | Hydraulic and Hydrologic model of Longview and Kilgore |  |  |
| 041000174 | 4        | Sabine    | County Road 146 Overtopping                     | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Rusk     | 12010002 | 120100020501               | Middle Sabine  | Project Planning | 0               | Riverine        | Rusk      | Rusk                    | No             | \$75,000             | No                                   | 0  | 0                                  | 0                                  | 0                                     | 0   | 0                                     | 11  | 11   | Hydraulic and Hydrologic model of Longview and Kilgore |  |  |
| 041000175 | 4        | Sabine    | Rabbit Creek at Spinks Chapman Overtopping      | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020506               | Middle Sabine  | Project Planning | 0               | Riverine        | Kilgore   | Kilgore                 | No             | \$75,000             | No                                   | 0  | 0                                  | 0                                  | 0                                     | 0   | 0                                     | 0   | 0  | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |  |
| 041000176 | 4        | Sabine    | Jamestown Road Overtopping                      | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Smith    | 12010002 | 120100020501               | Middle Sabine  | Project Planning | 0               | Riverine        | Kilgore   | Kilgore                 | No             | \$75,000             | No                                   | 0  | 0                                  | 0                                  | 0                                     | 0   | 0                                     | 0   | 0  | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |  |

| FME ID    | RFPG No. | RFPG Name | FME Name                         | Description   | Associated Goals   | Counties | HUC8s    | HUC12s                     | Watershed Name | Study Type       | FME Area (sqmi) | Flood Risk Type | Sponsor | Entities with Oversight | Emergency Need | Estimated Study Cost | Potential Funding Sources and Amount | Estimated number of structures at flood risk | Habitable structures at flood risk | Estimated Population at flood risk | Critical facilities at flood risk (#) | Number of low water crossings at flood risk (#) | Estimated number of road closures (#) | Estimated length of roads at flood risk (Miles) | Estimated active farm & ranch land at flood risk (acres) | Existing or Anticipated Models                         | Existing or Anticipated Maps (year) |
|-----------|----------|-----------|----------------------------------|---|--------------------|----------|----------|----------------------------|----------------|------------------|-----------------|-----------------|---------|-------------------------|----------------|----------------------|--------------------------------------|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|--|-------------------------------------|
| 041000177 | 4        | Sabine    | Bighead Creek at US 259 Flooding | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020502, 120100020503 | Middle Sabine  | Project Planning | 0               | Riverine        | Kilgore | Kilgore                 | No             | \$75,000             | No                                   | 0  | 0                                  | 0                                  | 0                                     | 0   | 0                                     | 0   | 0  | Hydraulic and Hydrologic model of Longview and Kilgore |                                     |

Table 13: Potential Flood Mitigation Projects Identified by RFPG

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

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

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

Table 13: Potential Flood Mitigation Projects Identified by RFPG

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

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

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

Table 14: Potentially Feasible Flood Management Strategies Identified by RFPG

| FMS ID    | RFPG No. | RFPG Name | FMS Name   | Description   | Associated Goals (ID)        | Counties  | HUC8s    | HUC12s   | Watershed Name | Project Type                                  | Strategy Project Area (sqmi) | Flood Risk Type   |
|-----------|----------|-----------|--|---|------------------------------|-----------|----------|--|----------------|---|------------------------------|-------------------|
| 042000001 | 4        | Sabine    | Orange County Drainage District Design Criteria                      | Update Design Criteria  | 04000009, 04000018, 04000019 | Orange    | 12010005 | 120100051100, 120100051003, 120100051004, 120100051005   | Lower Sabine   | Regulatory and Guidance                       | 371                          | Riverine, Coastal |
| 042000002 | 4        | Sabine    | Orange County Property Acquisition                                   | Administer program to acquire flood prone/repetitive loss properties and convert to open space, parks, boating access, trails, agricultural projects, and/or as a general community asset.  | 04000005                     | Orange    | 12010005 | 120100051100, 120100051003, 120100051004, 120100051005   | Lower Sabine   | Property Acquisition and Structural Elevation | 371                          | Riverine, Coastal |
| 042000003 | 4        | Sabine    | Orange County Drainage District Flood Warning System                 | Improvement of existing flood warning system  | 04000015                     | Orange    | 12010005 | 120100051100, 120100051003, 120100051004, 120100051005   | Lower Sabine   | Flood Measurement and Warning                 | 371                          | Riverine, Coastal |
| 042000004 | 4        | Sabine    | Orange County Detention Ponds Throughout County                      | Series of detention ponds to prevent flooding along IH-10, Hwy 12, Hwy 62, and Hwy 87 – the County’s evacuation routes.   | 04000007                     | Orange    | 12010005 | 120100051005, 120100051004, 120100051100, 120100051003   | Lower Sabine   | Infrastructure Projects                       | 371                          | Riverine, Coastal |
| 042000005 | 4        | Sabine    | Van Zandt County Wide Floodplain Development Regulations             | Incorporate higher standards for flood hazard resiliency in local application of the building code.   | 04000009, 04000018           | Van Zandt | 12010001 | 120100010407, 120100010503, 120100010501, 120100010502, 120100010504, 120100010601, 120100010507, 120100010603, 120100010608, 120100010605, 120100010607, 120100010505, 120100010405, 120100010604 | Upper Sabine   | Regulatory and Guidance                       | 856                          | Riverine          |
| 042000006 | 4        | Sabine    | Rockwall Countywide Flood Awareness Program                          | Develop a public education and awareness website to educate and inform Rockwall County residents/businesses about the natural hazards and the potential ways to mitigate them and the ecological and societal benefits of flooding. | 04000009                     | Rockwall  | 12010001 | 120100010301, 120100010302   | Upper Sabine   | Education and Outreach                        | 148                          | Riverine          |
| 042000008 | 4        | Sabine    | Orange County Emergency Response Staging Area                        | Staging Area and “lily pads” for use during disaster events.  | 04000011                     | Orange    | 12010005 | 120100051005, 120100051004, 120100051100, 120100051003   | Lower Sabine   | Other   | 371                          | Riverine, Coastal |
| 042000009 | 4        | Sabine    | Orange County Elevation of Residential Structures Program            | Program to elevation of homes within Floodplains throughout County.   | 04000005                     | Orange    | 12010005 | 120100051005, 120100051004, 120100051100, 120100051003   | Lower Sabine   | Property Acquisition and Structural Elevation | 371                          | Riverine, Coastal |
| 042000010 | 4        | Sabine    | Orange County Drainage District Additional Gages And Warning Systems | Incorporation of additional rain gauges and flood sensors throughout jurisdiction.  | 04000015                     | Orange    | 12010005 | 120100051003, 120100051004, 120100051005, 120100051100   | Lower Sabine   | Flood Measurement and Warning                 | 371                          | Riverine, Coastal |
| 042000011 | 4        | Sabine    | City of Edgewood Emergency Siren Program                             | Purchase and install outdoor warning sirens.  | 04000015                     | Van Zandt | 12010001 | 120100010502, 120100010504   | Upper Sabine   | Flood Measurement and Warning                 | 1                            | Riverine          |
| 042000012 | 4        | Sabine    | City of Edgewood Flood Infrastructure Maintenance                    | Adopt and implement a program for clearing debris from bridges, drains, and culverts  | 04000011                     | Van Zandt | 12020001 | 120100010502, 120100010504   | #N/A           | Other   | 1                            | Riverine          |
| 042000013 | 4        | Sabine    | City of Greenville NFIP Participation                                | Increase NFIP Participation. Greenville participates in the NFIP program and needs to strongly encourage through education additional residents and businesses to purchase and maintain flood insurance.                            | 04000009, 04000018           | Hunt      | 12010001 | 120100010103, 120100010102, 120100010204, 120100010401   | Upper Sabine   | Regulatory and Guidance                       | 33                           | Riverine          |
| 042000014 | 4        | Sabine    | City of Fruitvale "StormReady" Program                               | Obtain certification in the National Weather Service StormReady Program.  | 04000009, 04000018           | Van Zandt | 12010001 | 120100010504, 120100010601   | Upper Sabine   | Regulatory and Guidance                       | 2                            | Riverine          |
| 042000015 | 4        | Sabine    | City of Fruitvale Flood Emergency Notification System                | Implement and enhance an area-wide telephone Emergency Notification System (“Reverse 911”).   | 04000015, 04000009           | Van Zandt | 12010001 | 120100010504, 120100010601   | Upper Sabine   | Flood Measurement and Warning                 | 2                            | Riverine          |
| 042000016 | 4        | Sabine    | City of Van "StormReady" Program                                     | Obtain certification in the National Weather Service StormReady Program.  | 04000009, 04000018           | Van Zandt | 12010001 | 120100010608, 120100010607   | Upper Sabine   | Regulatory and Guidance                       | 3                            | Riverine          |
| 042000017 | 4        | Sabine    | City of Van Flood Infrastructure Maintenance                         | Adopt and implement a program for clearing debris from bridges, drains and culverts.  | 04000011                     | Van Zandt | 12010001 | 120100010608, 120100010607   | Upper Sabine   | Other   | 3                            | Riverine          |
| 042000018 | 4        | Sabine    | City of Grand Saline "StormReady" Program                            | Obtain certification in the National Weather Service StormReady Program.  | 04000009, 04000018           | Van Zandt | 12010001 | 120100010601, 120100010605   | Upper Sabine   | Regulatory and Guidance                       | 2                            | Riverine          |
| 042000019 | 4        | Sabine    | City of Grand Saline Flood Infrastructure Maintenance                | Adopt and implement a program for clearing debris from bridges, drains, and culverts  | 04000011                     | Van Zandt | 12010001 | 120100010601,  | Upper Sabine   | Other   | 2                            | Riverine          |
| 042000020 | 4        | Sabine    | City of Wills Point "StormReady" Program                             | Obtain certification in the National Weather Service StormReady Program.  | 04000009, 04000018           | Van Zandt | 12010001 | 120100010501, 120100010502   | Upper Sabine   | Regulatory and Guidance                       | 4                            | Riverine          |

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

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

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

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

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

| 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 |
|----------|----------|-----------|--|--|------------------------------|------------------------|--|--|----------------|---|------------------------------|-----------------|
| 04200036 | 4        | Sabine    | Longview Flood Mitigation Floodplain Development Regulations | Improve the long-range management and use of flood-prone areas by the adoption and enforcement of local ordinances to regulate new development within the floodplain. Review and revise ordinances, when needed. | 04000009, 04000018           | Gregg                  | 12010002   | 120100020506, 120100020601, 120100020504, 120100020505, 120100020602   | Middle Sabine  | Regulatory and Guidance                       | 56                           | Riverine        |
| 04200037 | 4        | Sabine    | City of Longview Online Flood Awareness Program              | Place links on local websites to free FEMA training for independent study via the internet, such as 15-271 "Anticipating Hazardous Weather and Community Risk."  | 04000009                     | Gregg                  | 12010002   | 120100020506, 120100020601, 120100020504, 120100020505, 120100020602   | Middle Sabine  | Education and Outreach                        | 56                           | Riverine        |
| 04200038 | 4        | Sabine    | City of Longview Regulatory Flood Hazard Map Program         | Work with state and federal agencies to maintain current flood maps.   | 04000009, 04000018           | Gregg                  | 12010002   | 120100020506, 120100020601, 120100020504, 120100020505, 120100020602   | Middle Sabine  | Regulatory and Guidance                       | 56                           | Riverine        |
| 04200039 | 4        | Sabine    | City of Longview Property Acquisition Program                | Implementation of program to purchase properties and severe loss-repetitive loss homes in floodplain areas to reserve them from development.   | 04000005                     | Gregg                  | 12010002   | 120100020506, 120100020601, 120100020504, 120100020505, 120100020602   | Middle Sabine  | Property Acquisition and Structural Elevation | 56                           | Riverine        |
| 04200041 | 4        | Sabine    | City of Longview Dam Development                             | Promote FEMA-recommended construction methods for any new dam  | 04000009, 04000018           | Gregg                  | 12010002   | 120100020506, 120100020601, 120100020504, 120100020505, 120100020602   | Middle Sabine  | Regulatory and Guidance                       | 56                           | Riverine        |
| 04200042 | 4        | Sabine    | City of Hideaway Flood Awareness Program                     | Conduct public outreach to educate homeowners on flood mitigation measures for their homes.  | 04000009                     | Smith                  | 12010002   | 120100020102   | Middle Sabine  | Education and Outreach                        | 2                            | Riverine        |
| 04200043 | 4        | Sabine    | City of Hideaway Floodplain Development Regulations          | Mandate 2 FT Freeboard on Hideaway Lakes Dams  | 04000009, 04000018           | Smith                  | 12010002   | 120100020102   | Middle Sabine  | Regulatory and Guidance                       | 2                            | Riverine        |
| 04200044 | 4        | Sabine    | City of Hideaway Flood Awareness Program                     | Public Awareness of Evacuation Routes from rising water from dam failure.  | 04000009                     | Smith                  | 12010002   | 120100020102   | Middle Sabine  | Education and Outreach                        | 2                            | Riverine        |
| 04200045 | 4        | Sabine    | City of Hideaway Dam Reliability Program                     | The city will remove trees from earthen dams on hideaway lakes #2 and #3 to mitigate erosion and assist with soil adhesion.  | 04000011                     | Smith                  | 12010002   | 120100020102   | Middle Sabine  | Other   | 2                            | Riverine        |
| 04200046 | 4        | Sabine    | City of Winona Flood Awareness Program                       | Conduct public outreach to homeowners and residents on flood mitigation measures for their residents.  | 04000009                     | Smith                  | 12010002   | 120100020107, 120100020303   | Middle Sabine  | Education and Outreach                        | 2                            | Riverine        |
| 04200047 | 4        | Sabine    | City of Royse City Floodplain Management Ordinances          | Update Flood Prevention ordinance, adopting a "no-rise" in Base Flood Elevation in the 100-year floodplain.  | 04000009, 04000018           | Rockwall, Collin, Hunt | 12010001   | 120100010202, 120100010301, 120100010302   | Upper Sabine   | Regulatory and Guidance                       | 18                           | Riverine        |
| 04200048 | 4        | Sabine    | City of Royse City "StormReady" Program                      | Achieve certification by the National Weather Service as a "StormReady" Community.   | 04000009, 04000018           | Rockwall, Collin, Hunt | 12010001   | 120100010202, 120100010301, 120100010302   | Upper Sabine   | Regulatory and Guidance                       | 18                           | Riverine        |
| 04200049 | 4        | Sabine    | City of Como Flood Awareness Program                         | Disseminate PSA's, Newspaper Articles through local media about dangers of flooded county roads and to "Turn Around; Don't Drown."   | 04000009                     | Hopkins                | 12010003   | 120100030201   | Lake Fork      | Education and Outreach                        | 1                            | Riverine        |
| 04200050 | 4        | Sabine    | City of Cumby Flood Awareness Program                        | Develop and implement the "Turn Around, Don't Drown Program"   | 04000009                     | Hopkins                | 12010003   | 120100030101, 120100030104   | Lake Fork      | Education and Outreach                        | 1                            | Riverine        |
| 04200051 | 4        | Sabine    | City of Cumby Flood Awareness Program                        | Disseminate PSA's, Newspaper Articles through local media about dangers of flooded county roads  | 04000009                     | Hopkins                | 12010003   | 120100030101, 120100030104   | Lake Fork      | Education and Outreach                        | 1                            | Riverine        |
| 04200052 | 4        | Sabine    | Sabine Flood Measurement Gages                               | Install flood measurement gages in Upper Sabine Basin  | 04000015, 04000016           | Regionwide             | 11140206, 12010001, 12010002, 12010003, 12010004 | 120100010301   | Regionwide     | Flood Measurement and Warning                 | 4,760                        | Riverine        |
| 04200053 | 4        | Sabine    | Hunt County Flood Warning and Public Safety                  | Adopt and Promote the program of "Turn Around Don't Drown Campaign." Implement early warning program.  | 04000015, 04000016           | Regionwide             | 12010001, 12010003                               | 120100010406, 120100010407, 120100010103, 120100010101, 120100010102, 120100010104, 120100010203, 120100010201, 120100010202, 120100010204, 120100010301, 120100010303, 120100010401, 120100010402, 120100010404, 120100010302, 120100010403, 120100010405, 120100030101, 12010003 | Regionwide     | Flood Measurement and Warning                 | 879                          | Riverine        |
| 04200054 | 4        | Sabine    | Rockwall County Warning Signs and Flood Control Gates        | Install automatic flood warning gates to prevent access into flooded areas. Install warning signs and flood control  | 04000015, 04000016, 04000017 | Regionwide             | 12010001   | 120100010301, 120100010302   | Regionwide     | Flood Measurement and Warning                 | 148                          | Riverine        |

| FMS ID    | Sponsor                | Entities with Oversight | Emergency Need (Y/N) | Nonrecurring, Noncapital Cost (\$) | Estimated Total Project Cost (\$) | Potential Funding Sources and Amount | Flood Risk                                  |                          |  |                                      |                                    |                                       |   |                                       |   |  |
|-----------|------------------------|-------------------------|----------------------|------------------------------------|-----------------------------------|--------------------------------------|---|--------------------------|--|--------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|
|           |                        |                         |                      |                                    |                                   |                                      | Area in 100yr (1% annual chance) Floodplain | Area in 500yr Floodplain | Estimated number of structures at 100yr flood risk | Residential structures at flood risk | Estimated Population at flood risk | Critical facilities at flood risk (#) | Number of low water crossings at flood risk (#) | Estimated number of road closures (#) | Estimated length of roads at flood risk (Miles) | Estimated active farm & ranch land at flood risk (acres) |
| 042000036 | Longview               | Longview                | No                   | \$0                                | \$0                               | Yes                                  | 0.00  | 17.05                    | 0  | 419                                  | 3,757                              | 10,126                                | 9   | 41                                    | 0   | 0  |
| 042000037 | Longview               | Longview                | No                   | \$0                                | \$0                               | Yes                                  | 0.00  | 17.05                    | 0  | 419                                  | 3,757                              | 10,126                                | 9   | 41                                    | 0   | 0  |
| 042000038 | Longview               | Longview                | No                   | \$0                                | \$0                               | Yes                                  | 0.00  | 17.05                    | 0  | 419                                  | 3,757                              | 10,126                                | 9   | 41                                    | 0   | 0  |
| 042000039 | Longview               | Longview                | No                   | \$100,000                          | \$100,000                         | Yes                                  | 0.00  | 17.05                    | 0  | 419                                  | 3,757                              | 10,126                                | 9   | 41                                    | 0   | 0  |
| 042000041 | Longview               | Longview                | No                   | \$10,000                           | \$10,000                          | Yes                                  | 0.00  | 17.05                    | 0  | 419                                  | 3,757                              | 10,126                                | 9   | 41                                    | 0   | 0  |
| 042000042 | Hideaway               | Hideaway                | No                   | \$10,500                           | \$10,500                          | Yes                                  | 0.00  | 1.22                     | 0  | 41                                   | 364                                | 364                                   | 0   | 1                                     | 0   | 0  |
| 042000043 | Hideaway               | Hideaway                | No                   | \$10,000                           | \$10,000                          | Yes                                  | 0.00  | 1.22                     | 0  | 41                                   | 364                                | 364                                   | 0   | 1                                     | 0   | 0  |
| 042000044 | Hideaway               | Hideaway                | No                   | \$10,500                           | \$10,500                          | Yes                                  | 0.00  | 1.22                     | 0  | 41                                   | 364                                | 364                                   | 0   | 1                                     | 0   | 0  |
| 042000045 | Hideaway               | Hideaway                | No                   | \$60,000                           | \$60,000                          | Yes                                  | 0.00  | 1.22                     | 0  | 41                                   | 364                                | 364                                   | 0   | 1                                     | 0   | 0  |
| 042000046 | Winona                 | Winona                  | No                   | \$104,000                          | \$104,000                         | Yes                                  | 0.00  | 0.66                     | 0  | 2                                    | 1                                  | 8                                     | 0   | 0                                     | 0   | 0  |
| 042000047 | Royse City             | Royse City              | No                   | \$10,000                           | \$10,000                          | Yes                                  | 0.00  | 8.83                     | 0  | 41                                   | 424                                | 424                                   | 0   | 19                                    | 8   | 8  |
| 042000048 | Royse City             | Royse City              | No                   | \$10,000                           | \$10,000                          | Yes                                  | 0.00  | 8.83                     | 0  | 41                                   | 424                                | 424                                   | 0   | 19                                    | 8   | 8  |
| 042000049 | Como                   | Como                    | No                   | \$10,000                           | \$10,000                          | Yes                                  | 0.00  | 0.06                     | 0  | 0                                    | 1                                  | 1                                     | 0   | 0                                     | 0   | 0  |
| 042000050 | Cumby                  | Cumby                   | No                   | \$0                                | \$0                               | Yes                                  | 0.00  | 0.04                     | 0  | 0                                    | 0                                  | 0                                     | 0   | 0                                     | 0   | 0  |
| 042000051 | Cumby                  | Cumby                   | No                   | \$11,500                           | \$11,500                          | Yes                                  | 0.00  | 0.04                     | 0  | 0                                    | 0                                  | 0                                     | 0   | 0                                     | 0   | 0  |
| 042000052 | Sabine River Authority | Sabine River Authority  | Yes                  | \$50,000                           | \$800,100                         | No                                   | 0.00  | 1385.07                  | 0  | 2,782                                | 16,762                             | 43,502                                | 88  | 877                                   | 67  | 67   |
| 042000053 | Sabine River Authority | Sabine River Authority  | Yes                  | \$250,000                          | \$250,000                         | No                                   | 0.00  | 174.69                   | 0  | 541                                  | 3,220                              | 8,690                                 | 45  | 143                                   | 10  | 10   |
| 042000054 | Sabine River Authority | Sabine River Authority  | No                   | \$250,000                          | \$250,000                         | No                                   | 0.00  | 7.62                     | 0  | 58                                   | 673                                | 786                                   | 0   | 15                                    | 11  | 11   |

| FMS ID    | Reduction in Flood Risk                                     |   |   |  |   |  |  |   |  |  |   |   | Cost/<br>Structure<br>removed | Consideration of<br>Nature-based<br>Solution | Negative<br>Impact | Negative<br>Impact<br>Mitigation | Water<br>Supply<br>Benefit |
|-----------|---|---|---|--|---|--|--|---|--|--|---|---|-------------------------------|--|--------------------|----------------------------------|----------------------------|
|           | Number of<br>structures with<br>reduced 100yr<br>Flood risk | Number of<br>structures removed<br>from 100yr Flood<br>risk | Number of<br>structures<br>removed from<br>500yr Flood risk | Residential structures<br>removed from 100yr<br>Flood risk | Estimated<br>Population<br>removed from<br>100yr Flood risk | Critical facilities<br>removed from<br>100yr Flood risk<br>(#) | Number of low water<br>crossings removed<br>from 100yr Flood<br>risk (#) | Estimated reduction<br>in road closure<br>occurrences | Estimated length of<br>roads removed<br>from 100yr flood<br>risk (Miles) | Estimated active<br>farm & ranch land<br>removed from<br>100yr flood risk<br>(acres) | Estimated<br>reduction in<br>fatalities (if<br>available) | Estimated<br>reduction in<br>injuries (if<br>available) |                               |  |                    |                                  |                            |
| 042000036 | 0   | 0   | 0   | 0  | 0   | 0  | 0  | 0   | 0  | 0  |   |   | 0                             | Yes  | No                 | N/A                              | None                       |
| 042000037 | 0   | 0   | 0   | 0  | 0   | 0  | 0  | 0   | 0  | 0  |   |   | 0                             | Yes  | No                 | N/A                              | None                       |
| 042000038 | 0   | 0   | 0   | 0  | 0   | 0  | 0  | 0   | 0  | 0  |   |   | 0                             | Yes  | No                 | N/A                              | None                       |
| 042000039 | 0   | 0   | 0   | 0  | 0   | 0  | 0  | 0   | 0  | 0  |   |   | 0                             | Yes  | No                 | N/A                              | None                       |
| 042000041 | 0   | 0   | 0   | 0  | 0   | 0  | 0  | 0   | 0  | 0  |   |   | 0                             | Yes  | No                 | N/A                              | None                       |
| 042000042 | 0   | 0   | 0   | 0  | 0   | 0  | 0  | 0   | 0  | 0  |   |   | 0                             | Yes  | No                 | N/A                              | None                       |
| 042000043 | 0   | 0   | 0   | 0  | 0   | 0  | 0  | 0   | 0  | 0  |   |   | 0                             | Yes  | No                 | N/A                              | None                       |
| 042000044 | 0   | 0   | 0   | 0  | 0   | 0  | 0  | 0   | 0  | 0  |   |   | 0                             | Yes  | No                 | N/A                              | None                       |
| 042000045 | 0   | 0   | 0   | 0  | 0   | 0  | 0  | 0   | 0  | 0  |   |   | 0                             | Yes  | No                 | N/A                              | None                       |
| 042000046 | 0   | 0   | 0   | 0  | 0   | 0  | 0  | 0   | 0  | 0  |   |   | 0                             | Yes  | No                 | N/A                              | None                       |
| 042000047 | 0   | 0   | 0   | 0  | 0   | 0  | 0  | 0   | 0  | 0  |   |   | 0                             | Yes  | No                 | N/A                              | None                       |
| 042000048 | 0   | 0   | 0   | 0  | 0   | 0  | 0  | 0   | 0  | 0  |   |   | 0                             | Yes  | No                 | N/A                              | None                       |
| 042000049 | 0   | 0   | 0   | 0  | 0   | 0  | 0  | 0   | 0  | 0  |   |   | 0                             | Yes  | No                 | N/A                              | None                       |
| 042000050 | 0   | 0   | 0   | 0  | 0   | 0  | 0  | 0   | 0  | 0  |   |   | 0                             | Yes  | No                 | N/A                              | None                       |
| 042000051 | 0   | 0   | 0   | 0  | 0   | 0  | 0  | 0   | 0  | 0  |   |   | 0                             | Yes  | No                 | N/A                              | None                       |
| 042000052 | 0   | 0   | 0   | 0  | 0   | 0  | 0  | 0   | 0  | 0  |   |   | 0                             | Yes  | No                 | None                             | None                       |
| 042000053 | 0   | 0   | 0   | 0  | 0   | 0  | 0  | 0   | 0  | 0  |   |   | 0                             | Yes  | No                 | None                             | None                       |
| 042000054 | 0   | 0   | 0   | 0  | 0   | 0  | 0  | 0   | 0  | 0  |   |   | 0                             | Yes  | No                 | None                             | None                       |

| 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 |
|-----------|----------|-----------|---|--|-----------------------|------------|----------|--|----------------|---|------------------------------|-----------------|
| 042000055 | 4        | Sabine    | Rockwall County Flood Prevention Ordinance                                  | Update Flood Prevention ordinance, adopting a "no-rise" in Base Flood Elevation in the 100-year floodplain   | 04000018              | Regionwide | 12010001 | 120100010301, 120100010302   | Regionwide     | Regulatory and Guidance                       | 148                          | Riverine        |
| 042000056 | 4        | Sabine    | Wills Point Structure Permitting Requirement Update                         | Increase freeboard requirements for permitting structures in the SFHA; Adopt a "no-rise" in BFE in the 100-year floodplain; Update local flood ordinance                                     | 04000018              | Regionwide | 12010001 | 120100010501, 120100010502   | Regionwide     | Regulatory and Guidance                       | 4                            | Riverine        |
| 042000057 | 4        | Sabine    | Kaufman County Regulation Standards to Protect Open Space Flood-Prone Areas | Conduct program in conjunction with local communities to incorporate regulatory standards to protect open space flood-prone areas  | 04000018              | Regionwide | 12010001 | 120100010501, 120100010303, 120100010404, 120100010302, 120100010405   | Regionwide     | Regulatory and Guidance                       | 805                          | Riverine        |
| 042000058 | 4        | Sabine    | Kaufman County Agreement to Monitor High Hazard Dams                        | Develop a mutual aid agreement with the City of Terrell, City of Kemp, City of Kaufman to monitor High hazard dams with automated monitor to minimize potential dam failure of the structure | 04000015, 04000016    | Regionwide | 12010001 | 120100010501, 120100010303, 120100010404, 120100010302, 120100010405   | Regionwide     | Flood Measurement and Warning                 | 805                          | Riverine        |
| 042000059 | 4        | Sabine    | City of Kilgore Property Acquisition  | Implementation of program to purchase properties and repetitive loss homes in floodplain areas to reserve them from development.   | 04000005, 04000006    | Regionwide | 12010002 | 120100020501, 120100020506, 120100020502, 120100020503, 120100020601   | Regionwide     | Property Acquisition and Structural Elevation | 155                          | Riverine        |
| 042000060 | 4        | Sabine    | Kaufman County Flood Education Program                                      | Conduct countywide outreach to educate residents on flood hazards, mitigation techniques and promote availability of NFIP flood insurance.   | 04000009, 04000010    | Regionwide | 12010001 | 120100010501, 120100010303, 120100010404, 120100010302, 120100010405   | Regionwide     | Education and Outreach                        | 805                          | Riverine        |
| 042000061 | 4        | Sabine    | City of Nevada NFIP Floodplain Ordinance                                    | Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards  | 04000018              | Regionwide | 12010001 | 120100010301   | Regionwide     | Regulatory and Guidance                       | 2                            | Riverine        |
| 042000062 | 4        | Sabine    | Van Zandt County Flood Safety Improvements and Education                    | Educate community on the dangers of low water crossings  | 04000007, 04000008    | Regionwide | 12010001 | 120100010407, 120100010503, 120100010501, 120100010502, 120100010504, 120100010601, 120100010507, 120100010603, 120100010608, 120100010605, 120100010607, 120100010505, 120100010405, 120100010604 | Regionwide     | Education and Outreach                        | 856                          | Riverine        |

| FMS ID    | Sponsor                | Entities with Oversight | Emergency Need (Y/N) | Nonrecurring, Noncapital Cost (\$) | Estimated Total Project Cost (\$) | Potential Funding Sources and Amount | Flood Risk                                  |                          |  |                                      |                                    |                                       |   |                                       |   |  |
|-----------|------------------------|-------------------------|----------------------|------------------------------------|-----------------------------------|--------------------------------------|---|--------------------------|--|--------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|
|           |                        |                         |                      |                                    |                                   |                                      | Area in 100yr (1% annual chance) Floodplain | Area in 500yr Floodplain | Estimated number of structures at 100yr flood risk | Residential structures at flood risk | Estimated Population at flood risk | Critical facilities at flood risk (#) | Number of low water crossings at flood risk (#) | Estimated number of road closures (#) | Estimated length of roads at flood risk (Miles) | Estimated active farm & ranch land at flood risk (acres) |
| 042000055 | Sabine River Authority | Sabine River Authority  | No                   | \$100,000                          | \$100,000                         | No                                   | 0.00  | 7.62                     | 0  | 58                                   | 673                                | 786                                   | 0   | 15                                    | 11  | 11   |
| 042000056 | Sabine River Authority | Sabine River Authority  | No                   | \$100,000                          | \$100,000                         | No                                   | 0.00  | 0.16                     | 0  | 1                                    | 10                                 | 36                                    | 0   | 0                                     | 0   | 0  |
| 042000057 | Sabine River Authority | Sabine River Authority  | No                   | \$100,000                          | \$100,000                         | No                                   | 0.00  | 8.13                     | 0  | 8                                    | 100                                | 100                                   | 0   | 5                                     | 3   | 3  |
| 042000058 | Sabine River Authority | Sabine River Authority  | No                   | \$300,000                          | \$300,000                         | No                                   | 0.00  | 8.13                     | 0  | 8                                    | 100                                | 100                                   | 0   | 5                                     | 3   | 3  |
| 042000059 | Sabine River Authority | Sabine River Authority  | Yes                  | \$50,000                           | \$64,351,367                      | No                                   | 0.00  | 37.73                    | 0  | 0                                    | 1,079                              | 1,891                                 | 3   | 45                                    | 3   | 3  |
| 042000060 | Sabine River Authority | Sabine River Authority  | No                   | \$50,000                           | \$50,000                          | No                                   | 0.00  | 8.13                     | 0  | 8                                    | 100                                | 100                                   | 0   | 5                                     | 3   | 3  |
| 042000061 | Sabine River Authority | Sabine River Authority  | No                   | \$100,000                          | \$100,000                         | No                                   | 0.00  | 0.03                     | 0  | 1                                    | 3                                  | 3                                     | 0   | 0                                     | 0   | 0  |
| 042000062 | Sabine River Authority | Sabine River Authority  | No                   | \$50,000                           | \$50,000                          | No                                   | 0.00  | 205.25                   | 0  | 150                                  | 713                                | 1,954                                 | 0   | 79                                    | 9   | 9  |

| FMS ID    | Reduction in Flood Risk                                     |   |   |  |   |  |  |   |  |  |   |   | Cost/<br>Structure<br>removed | Consideration of<br>Nature-based<br>Solution | Negative<br>Impact | Negative<br>Impact<br>Mitigation | Water<br>Supply<br>Benefit |
|-----------|---|---|---|--|---|--|--|---|--|--|---|---|-------------------------------|--|--------------------|----------------------------------|----------------------------|
|           | Number of<br>structures with<br>reduced 100yr<br>Flood risk | Number of<br>structures removed<br>from 100yr Flood<br>risk | Number of<br>structures<br>removed from<br>500yr Flood risk | Residential structures<br>removed from 100yr<br>Flood risk | Estimated<br>Population<br>removed from<br>100yr Flood risk | Critical facilities<br>removed from<br>100yr Flood risk<br>(#) | Number of low water<br>crossings removed<br>from 100yr Flood<br>risk (#) | Estimated reduction<br>in road closure<br>occurrences | Estimated length of<br>roads removed<br>from 100yr flood<br>risk (Miles) | Estimated active<br>farm & ranch land<br>removed from<br>100yr flood risk<br>(acres) | Estimated<br>reduction in<br>fatalities (if<br>available) | Estimated<br>reduction in<br>injuries (if<br>available) |                               |  |                    |                                  |                            |
| 042000055 | 0   | 0   | 0   | 0  | 0   | 0  | 0  | 0   | 0  | 0  |   |   | 0                             | Yes  | No                 | None                             | None                       |
| 042000056 | 0   | 0   | 0   | 0  | 0   | 0  | 0  | 0   | 0  | 0  |   |   | 0                             | Yes  | No                 | None                             | None                       |
| 042000057 | 0   | 0   | 0   | 0  | 0   | 0  | 0  | 0   | 0  | 0  |   |   | 0                             | Yes  | No                 | None                             | None                       |
| 042000058 | 0   | 0   | 0   | 0  | 0   | 0  | 0  | 0   | 0  | 0  |   |   | 0                             | Yes  | No                 | None                             | None                       |
| 042000059 | 0   | 22  | 22  | 22   | 22  | 75   | 0  | 0   | 0  | 0  |   |   | 0                             | Yes  | No                 | None                             | None                       |
| 042000060 | 0   | 0   | 0   | 0  | 0   | 0  | 0  | 0   | 0  | 0  |   |   | 0                             | Yes  | No                 | None                             | None                       |
| 042000061 | 0   | 0   | 0   | 0  | 0   | 0  | 0  | 0   | 0  | 0  |   |   | 0                             | Yes  | No                 | None                             | None                       |
| 042000062 | 0   | 0   | 0   | 0  | 0   | 0  | 0  | 0   | 0  | 0  |   |   | 0                             | Yes  | NO                 | None                             | None                       |

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**APPENDIX 4-C**  
**LIST OF INFEASIBLE FMPS AND FMSS**

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Table 4C-1: Infeasible FMSs and FMPs

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

**APPENDIX 4-D**  
**TASK 12 PRIORITIZATION MEMORANDUM**

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

## 1. Background

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

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

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

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

*Table 1.1 Task 12 Prioritization Categories*

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

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

## 2. Task 12 Prioritization Scoring Criteria

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

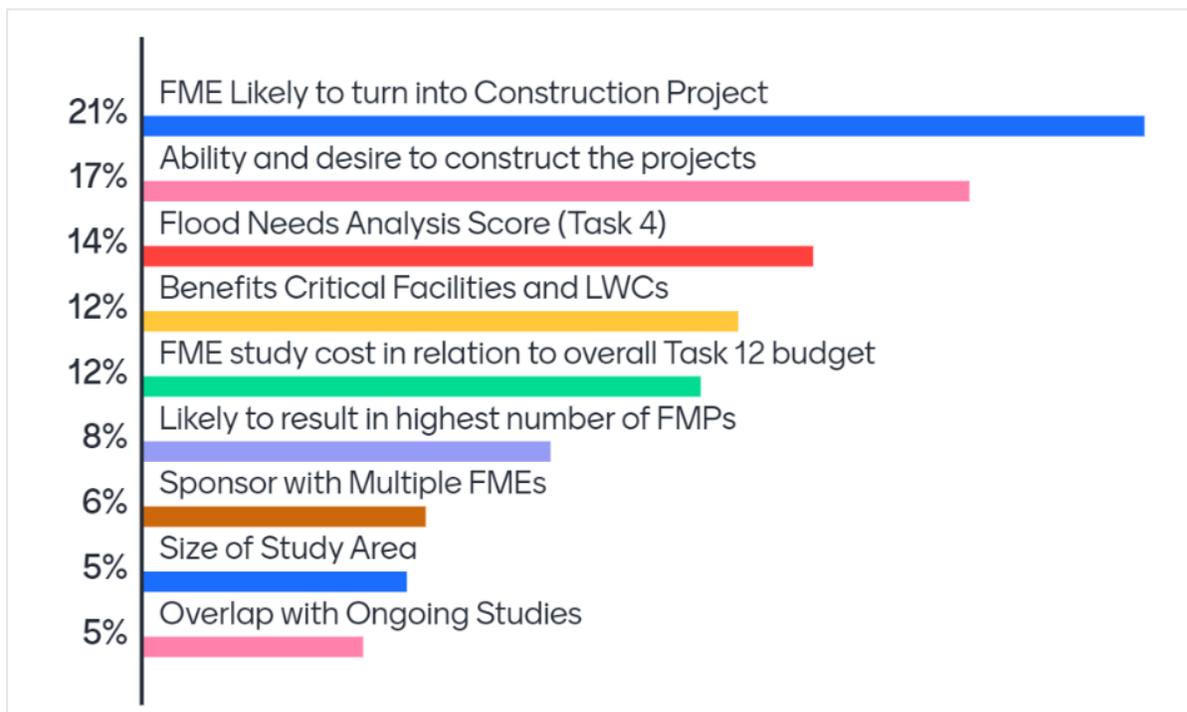


Figure 2—1: Mentimeter Results for Category Weights

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

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

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

**1) FME to Construction Project**

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

*Table 2.1 Scoring for FME to Construction Project*

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

**2) Number of FMPs**

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

*Table 2.2 Scoring for Number of FMPs*

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

**3) Size of Benefit Area**

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

*Table 2.3 Scoring for the Size of Benefit Area*

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

**4) Flood Mitigation Needs Score**

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

*Table 2.4 Scoring for Flood Mitigation Needs Analysis*

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

**5) Critical Facilities Benefitted**

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

*Table 2.5 Scoring for the Benefit to Critical Facilities*

| <b>Is a Critical Facility Benefitted?</b> | Score      |           | Weight    |
|---|------------|-----------|-----------|
|   | <b>Yes</b> | <b>No</b> | <b>6%</b> |
| <b>Points</b>                             | <b>10</b>  | <b>0</b>  |           |

**6) Low Water Crossing (LWC) Benefitted**

This is a measure of benefit to LWC.

*Table 2.6 Scoring for Benefit to LWCs*

| <b>Is a LWC Benefitted?</b> | Score      |           | Weight    |
|-----------------------------|------------|-----------|-----------|
|                             | <b>Yes</b> | <b>No</b> | <b>6%</b> |
| <b>Points</b>               | <b>10</b>  | <b>0</b>  |           |

**7) Sponsors with Multiple FMEs**

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

*Table 2.7 Scoring for Sponsors with Multiple FMEs*

|   | Score        |          |           | Weight    |
|---|--------------|----------|-----------|-----------|
| <b>How many FMEs does the Sponsor have?</b> | <b>&gt;3</b> | <b>2</b> | <b>1</b>  | <b>6%</b> |
| <b>Points</b>                               | <b>0</b>     | <b>5</b> | <b>10</b> |           |

**8) Level of Effort/Cost to Complete Study**

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

*Table 2.8 Scoring for Level of Study Effort Required*

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

**9) Overlap with Ongoing Studies**

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

*Table 2.9 Scoring for Areas with Ongoing Studies*

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

**10) Sponsor Engagement**

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

*Table 2.10 Scoring for Areas with Ongoing Studies*

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

**3. Results**

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

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

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

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

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

*Table 3.1 - Primary Recommended FMEs*

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

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

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

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

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

*Table 3.2 - Secondary Recommended FMEs*

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

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

*Table 3.3 - Higher Ranking FMEs Not Included*

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

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

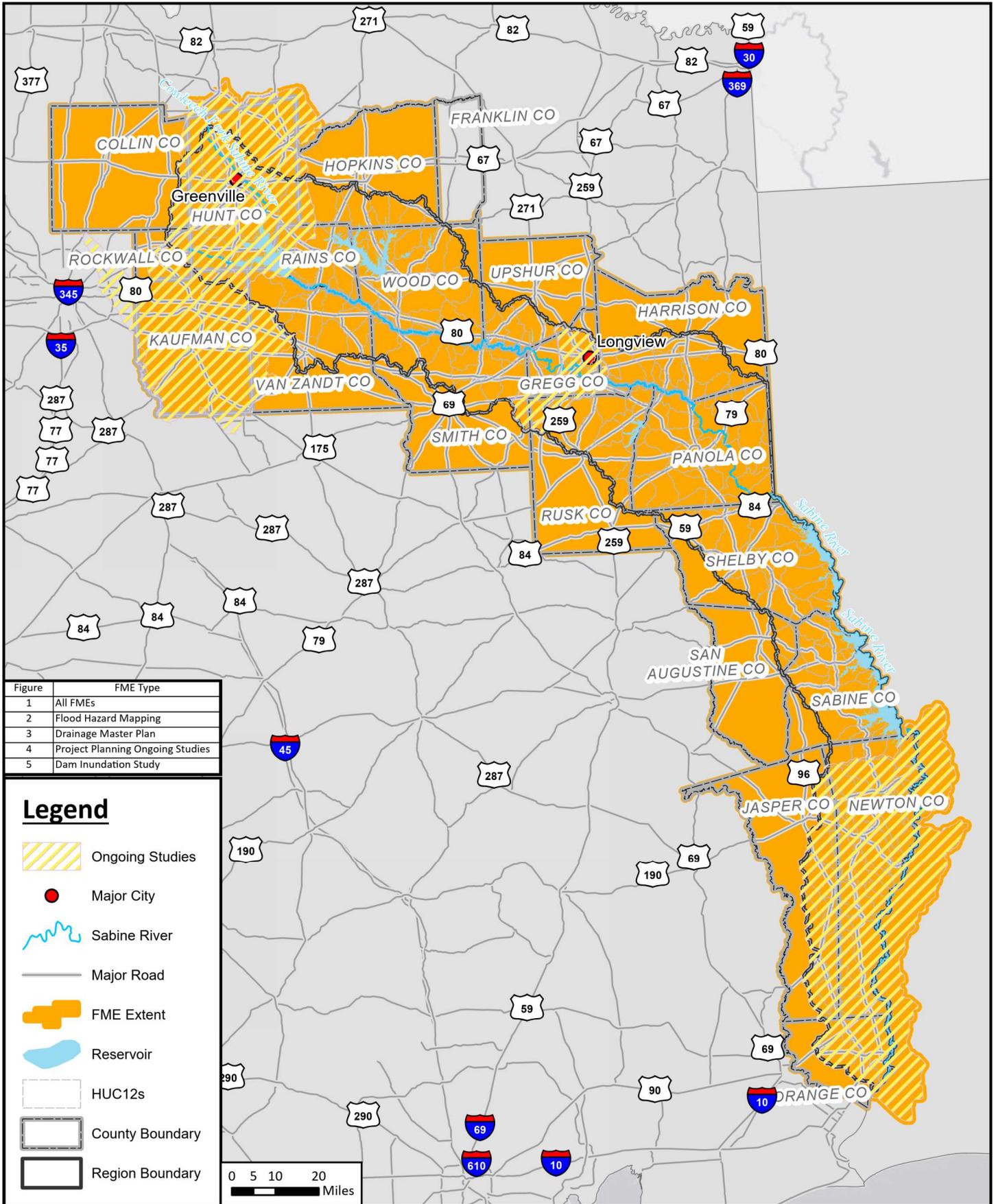
As noted in previous Sabine RFPG meetings, the floodplain mapping and master drainage plans were not anticipated to be included in the Task 12 effort, primarily due to the very large level of effort needed to do those large studies as well as a significant amount of time needed, which is not available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

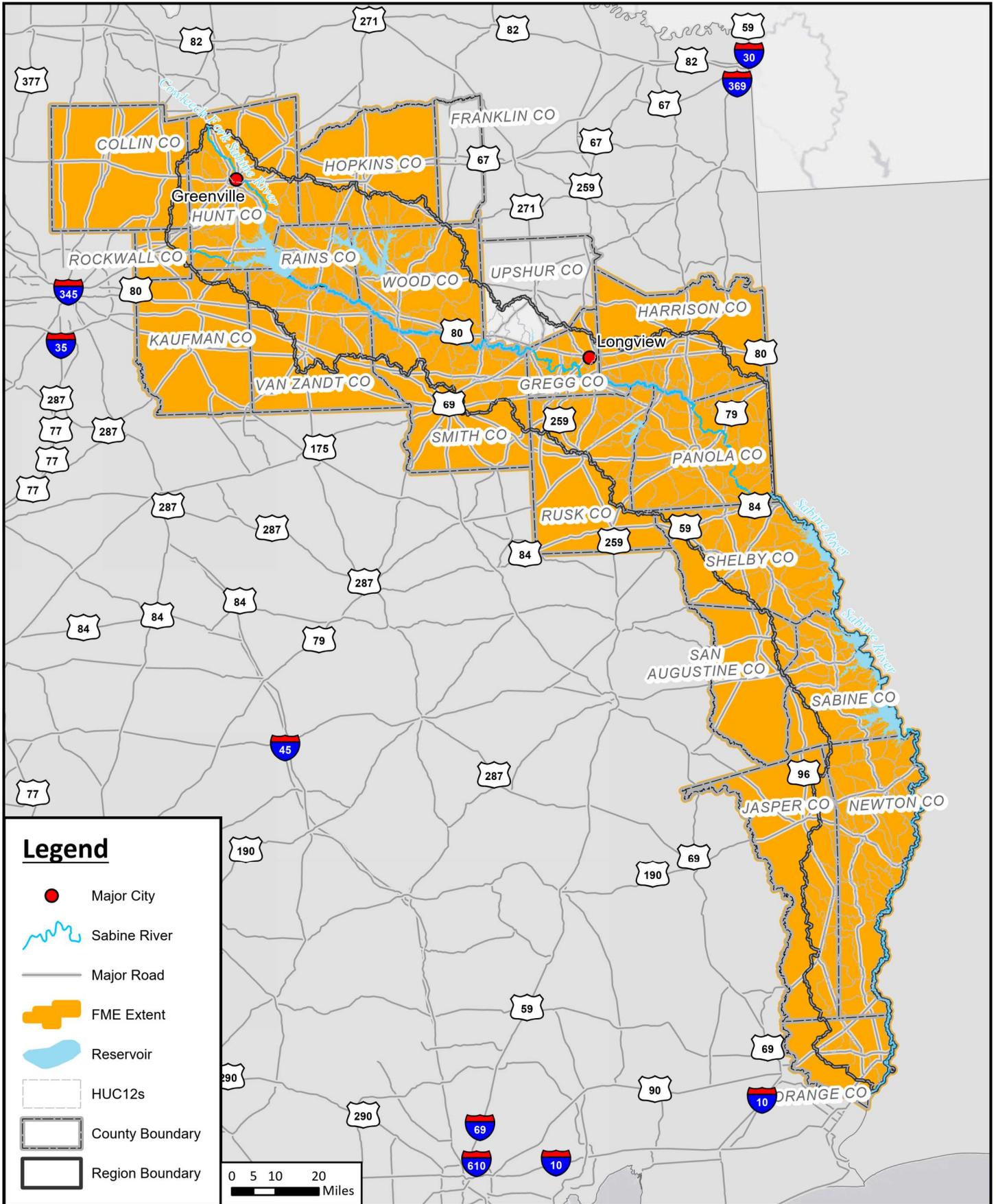
Attachments: Table 1

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

**APPENDIX 5-A**  
**SUPPORTING MAPS FOR CHAPTER 5**

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**Legend**

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

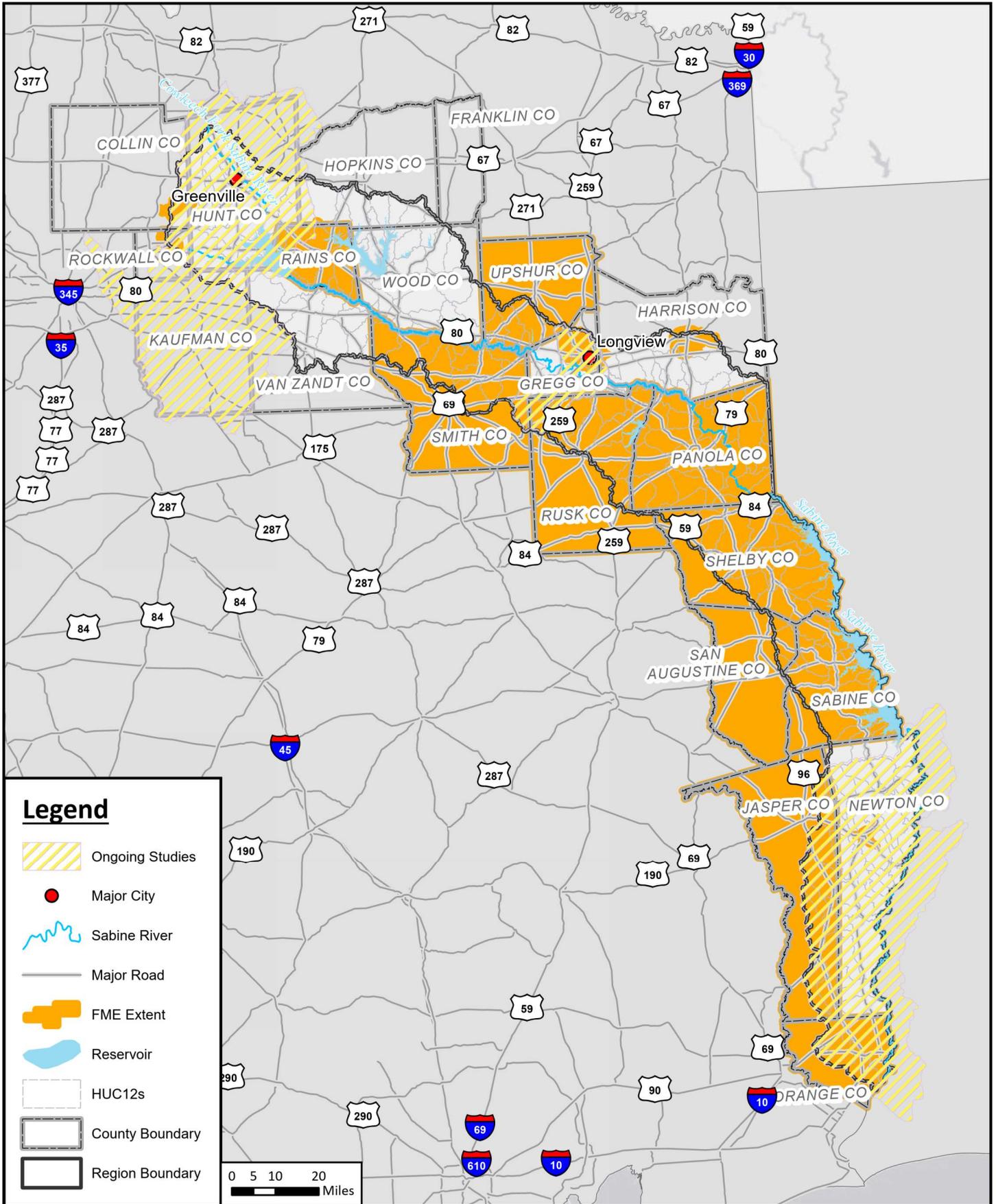


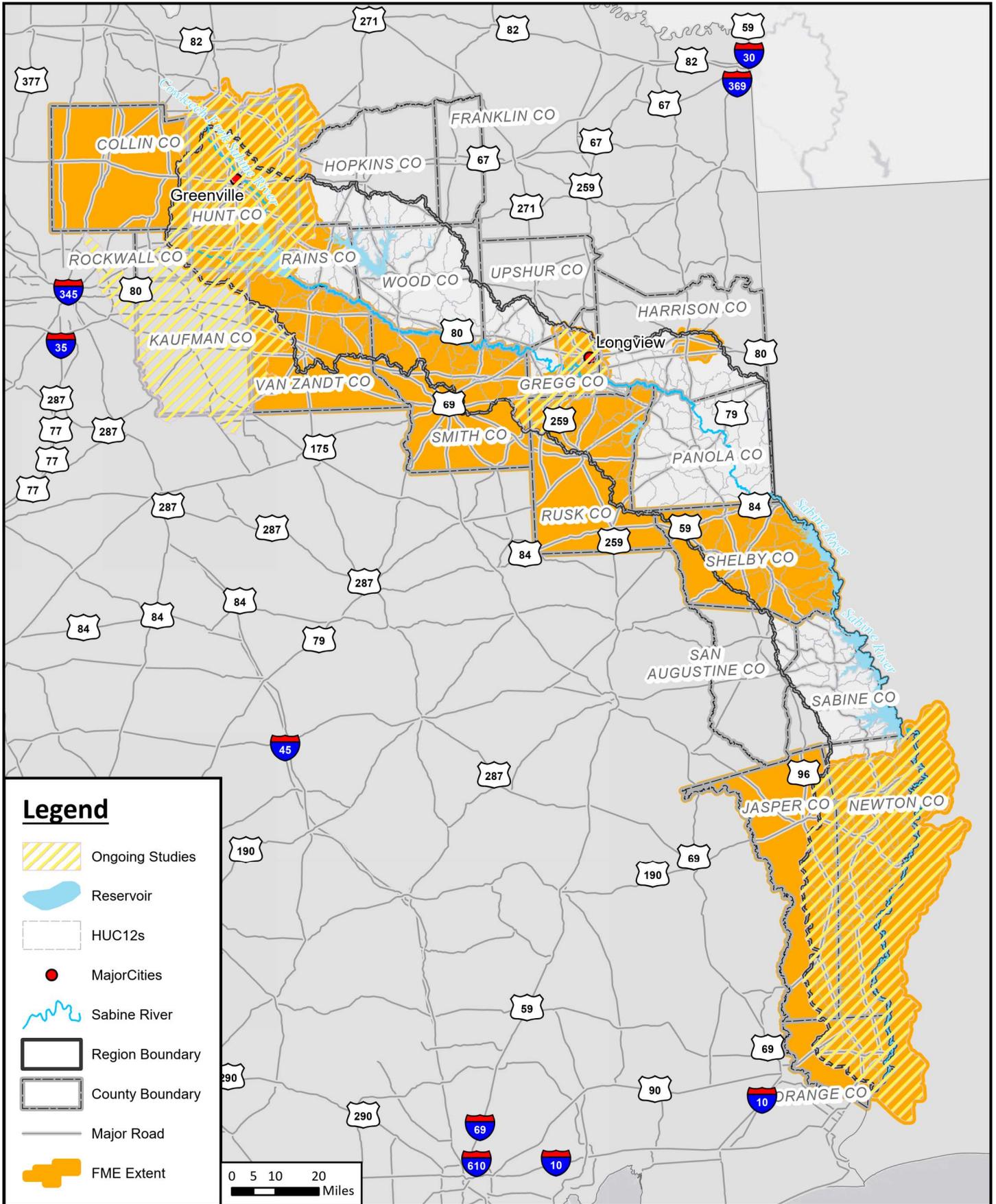
**Sabine Regional Flood Plan**

Extent of Recommended Flood Management Evaluations: Flood Hazard Mapping



**MAP 19**  
FIGURE 2 of 5





**Legend**

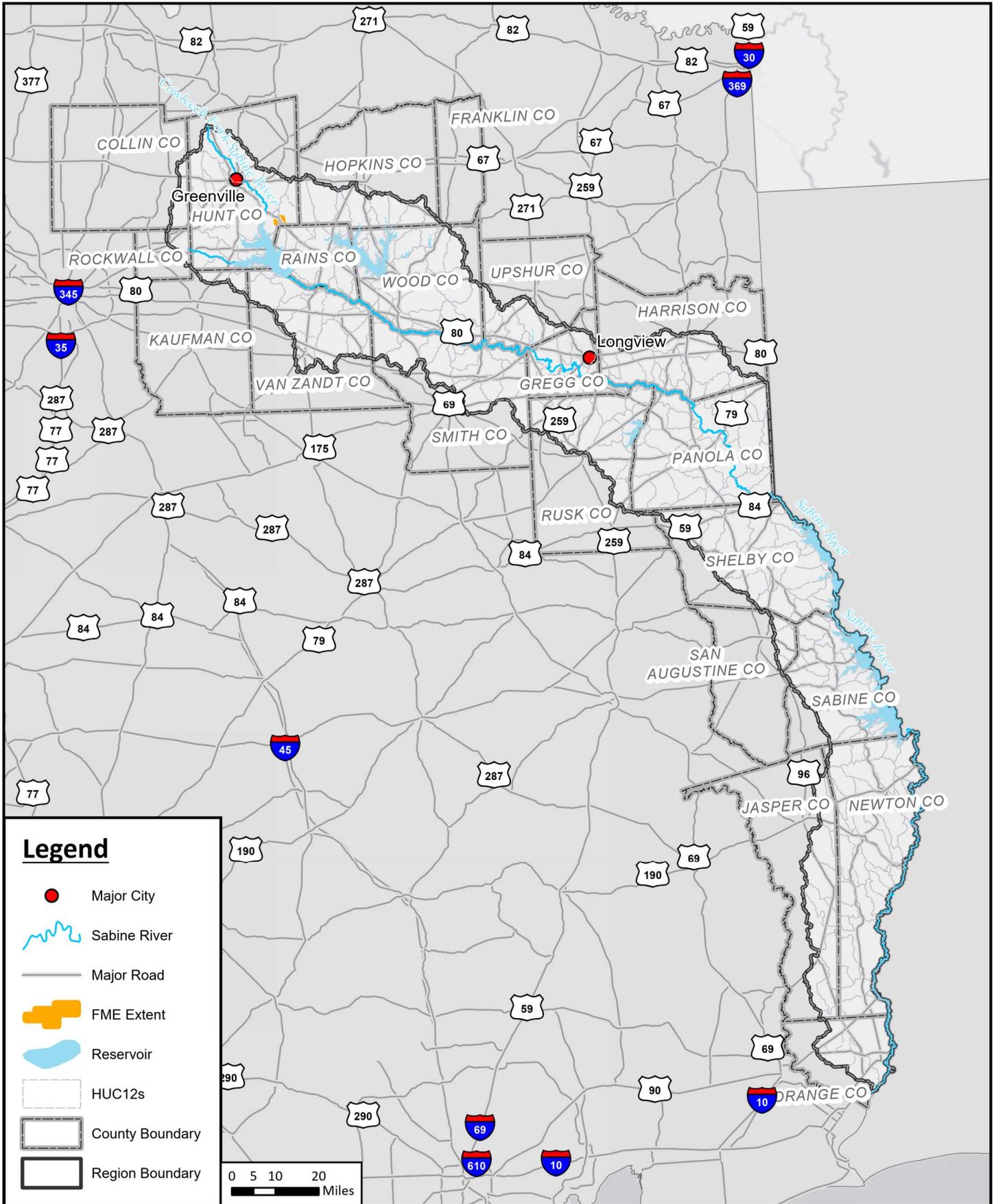
-  Ongoing Studies
-  Reservoir
-  HUC12s
-  Major Cities
-  Sabine River
-  Region Boundary
-  County Boundary
-  Major Road
-  FME Extent



**Sabine Regional Flood Plan**

Extent of Recommended Flood Management Evaluations: Project Planning





**Legend**

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

0 5 10 20  
Miles



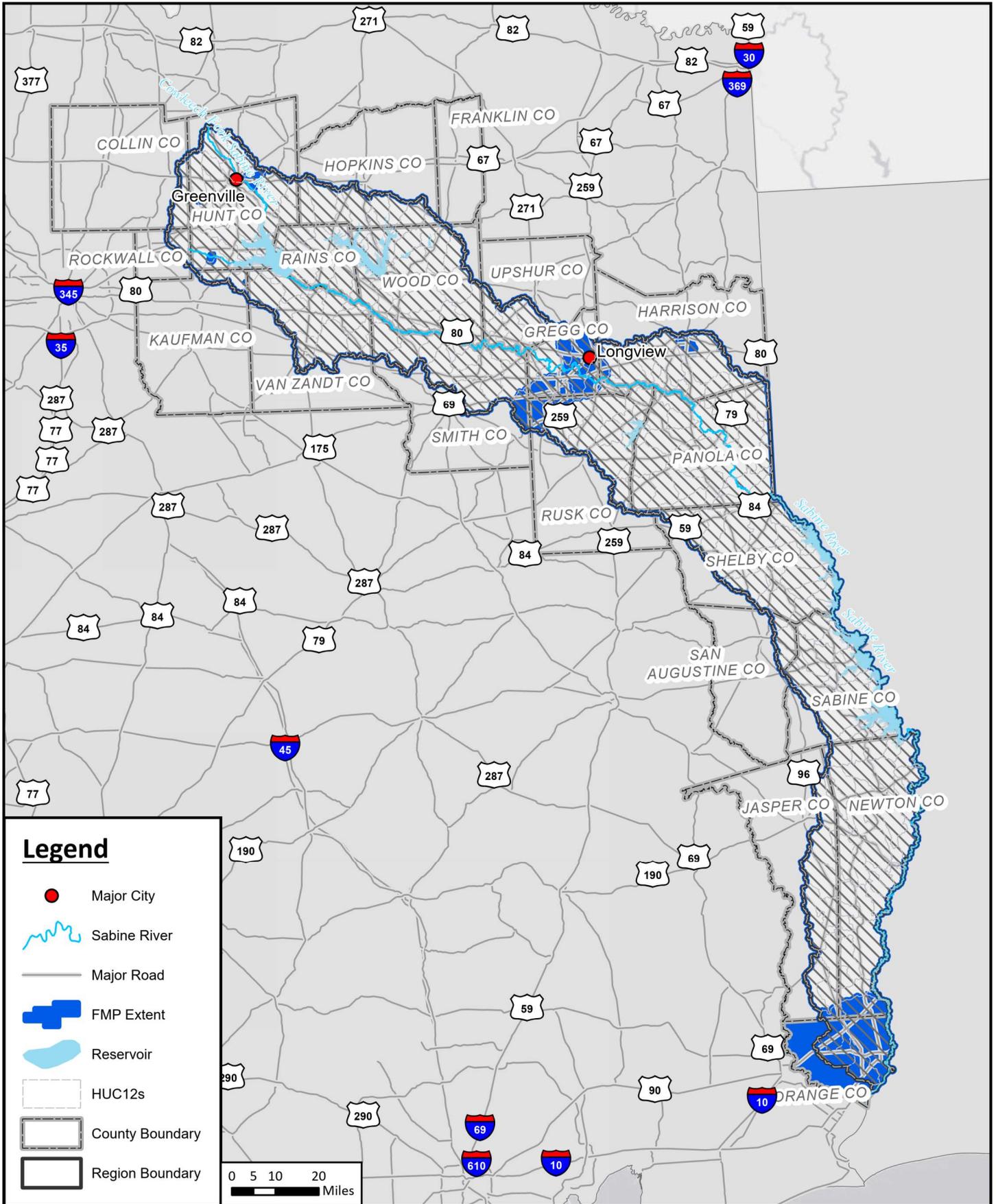
REGION 4

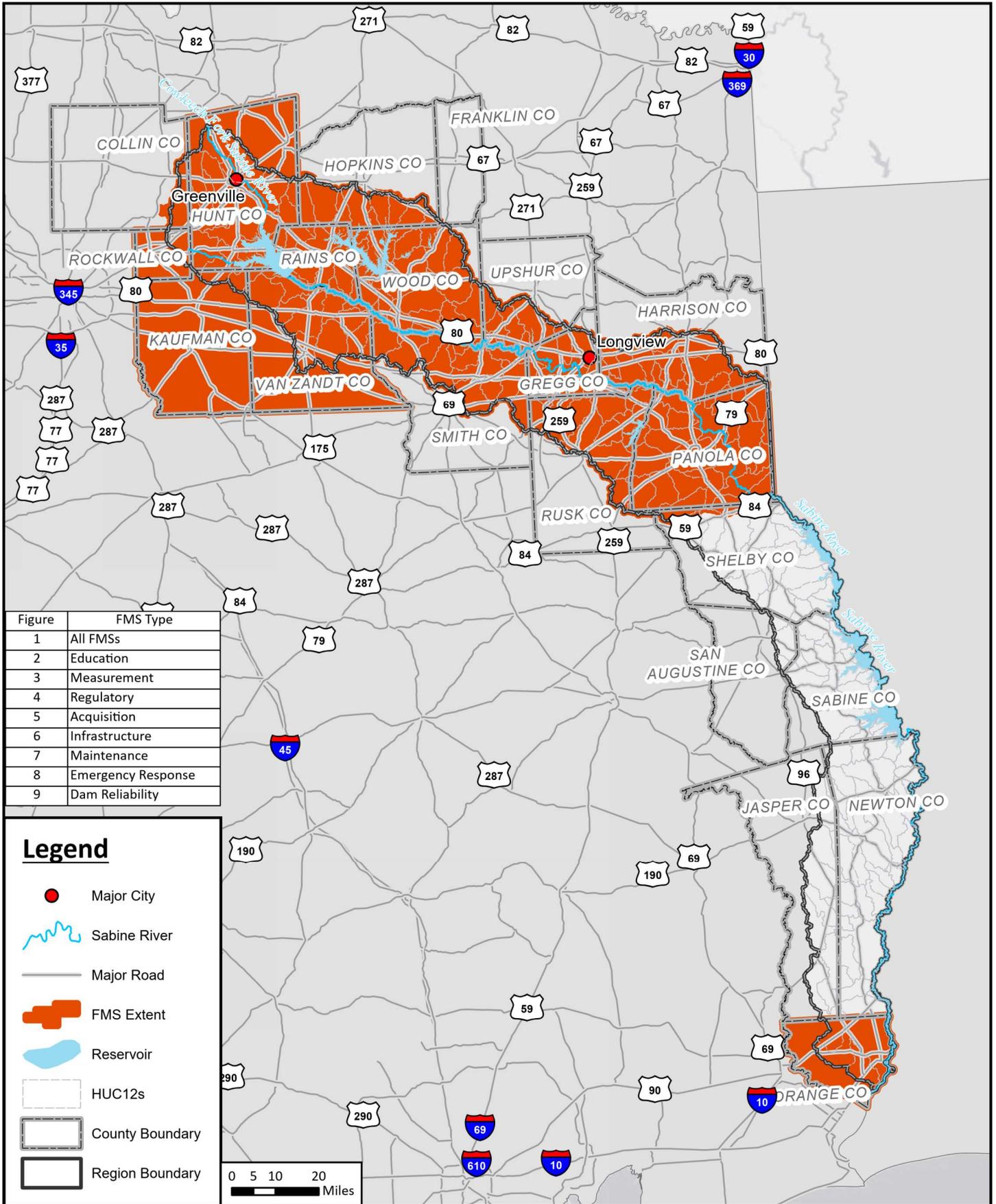
**Sabine Regional Flood Plan**

Extent of Recommended Flood Management Evaluations: Dam Inundation Study



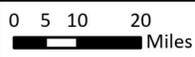
**MAP 19**  
FIGURE 5 of 5





### Legend

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

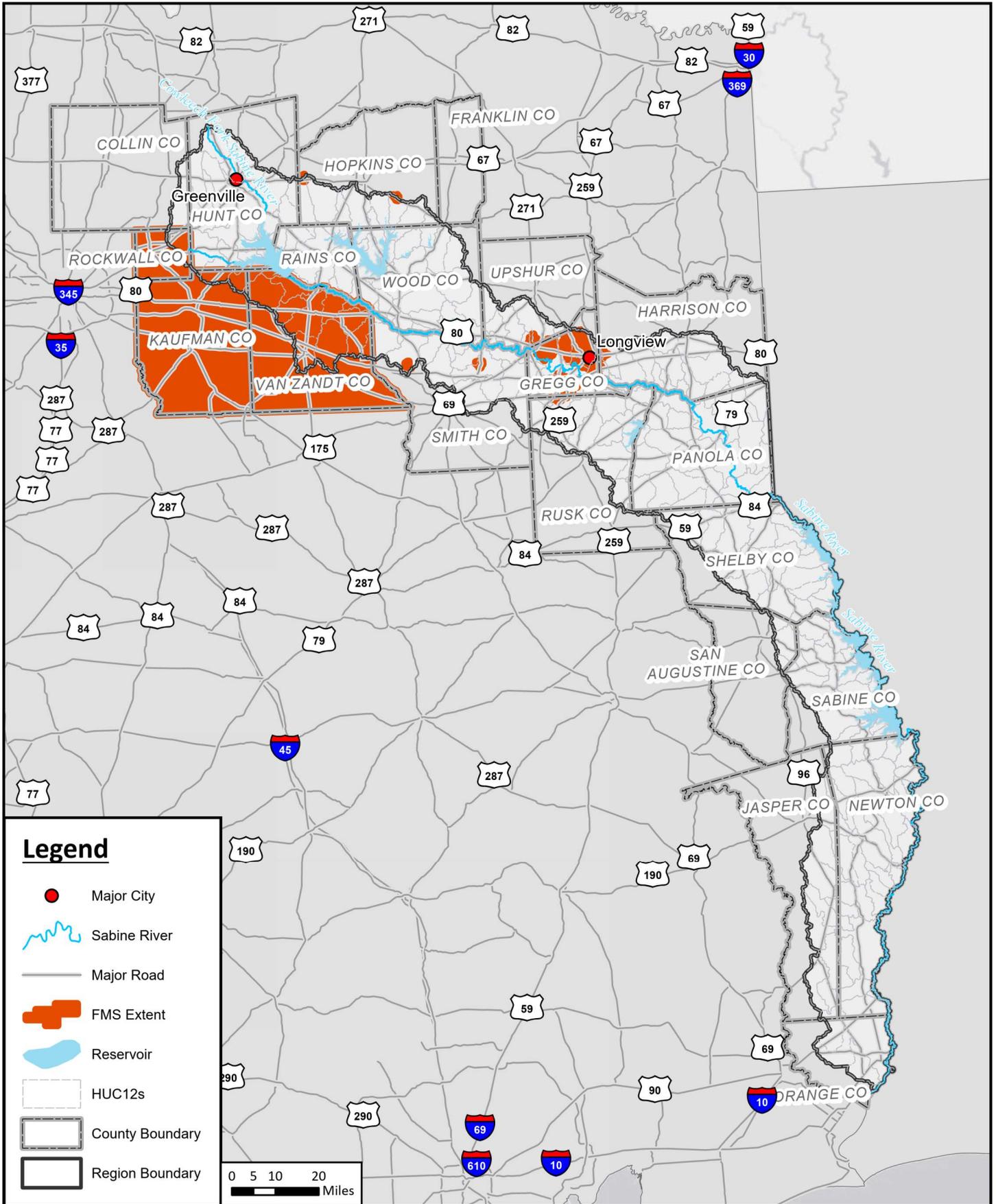


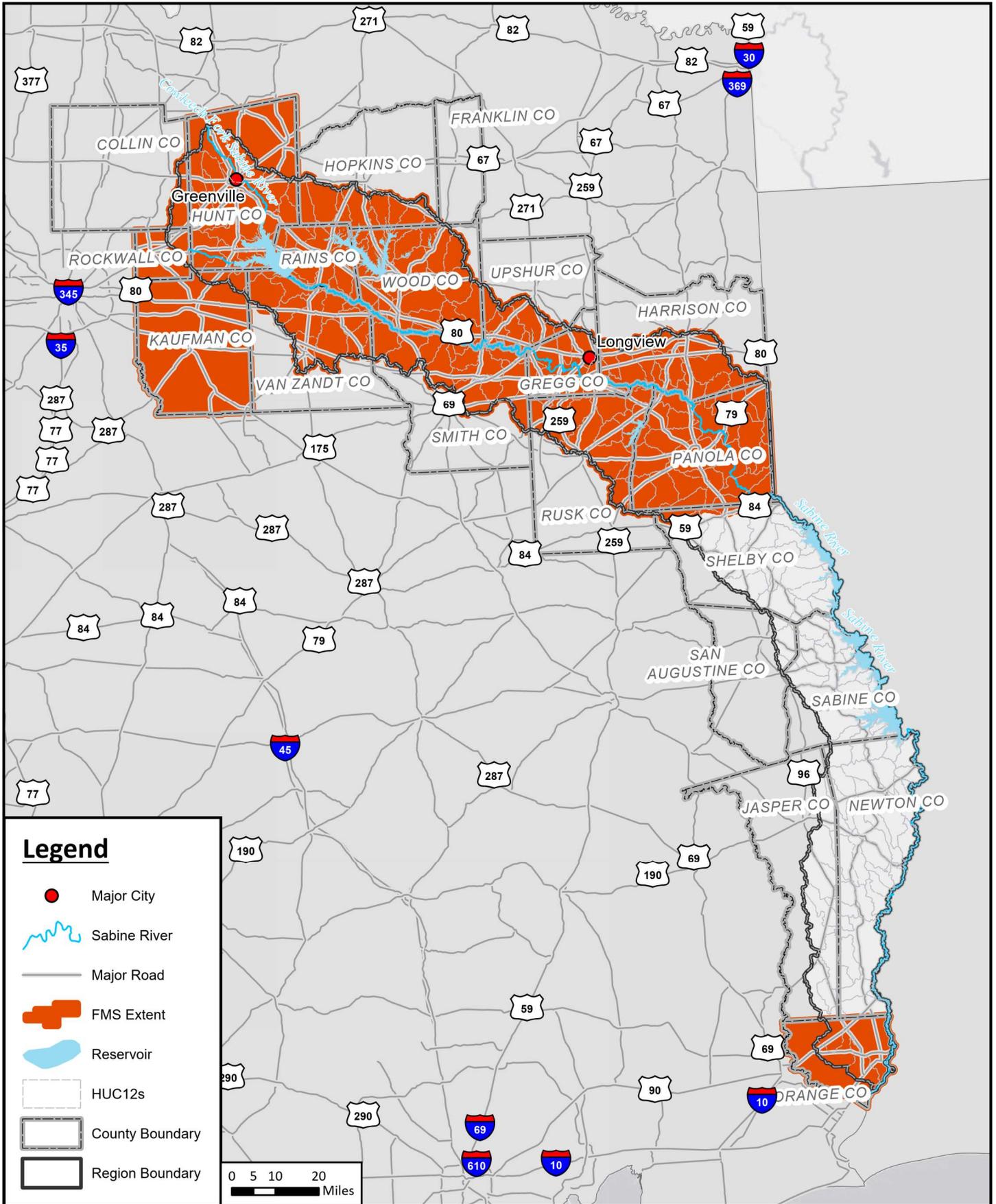
# Sabine Regional Flood Plan

Extent of Recommended Flood Mitigation Strategies



**MAP 21**  
FIGURE 1 of 9

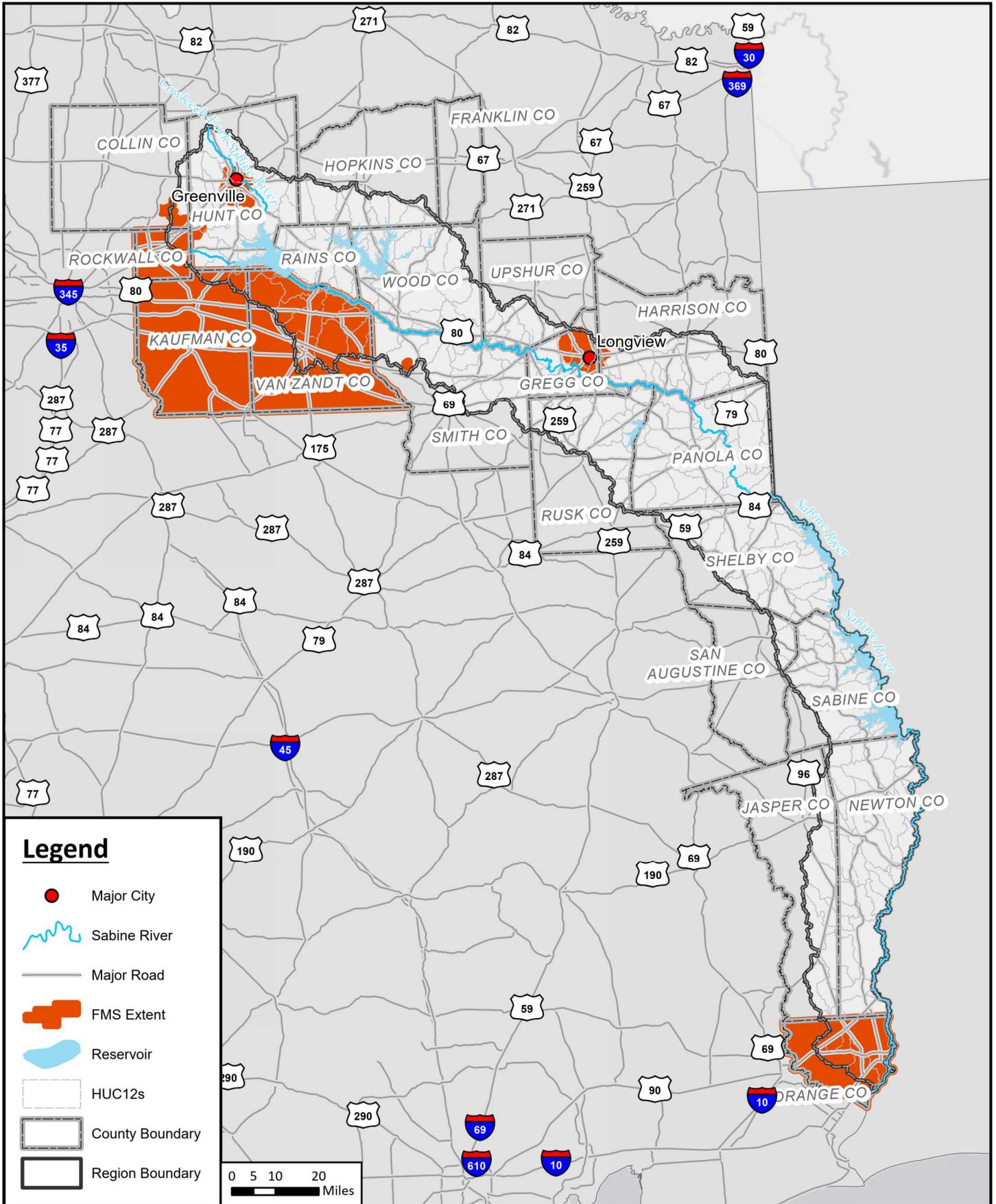


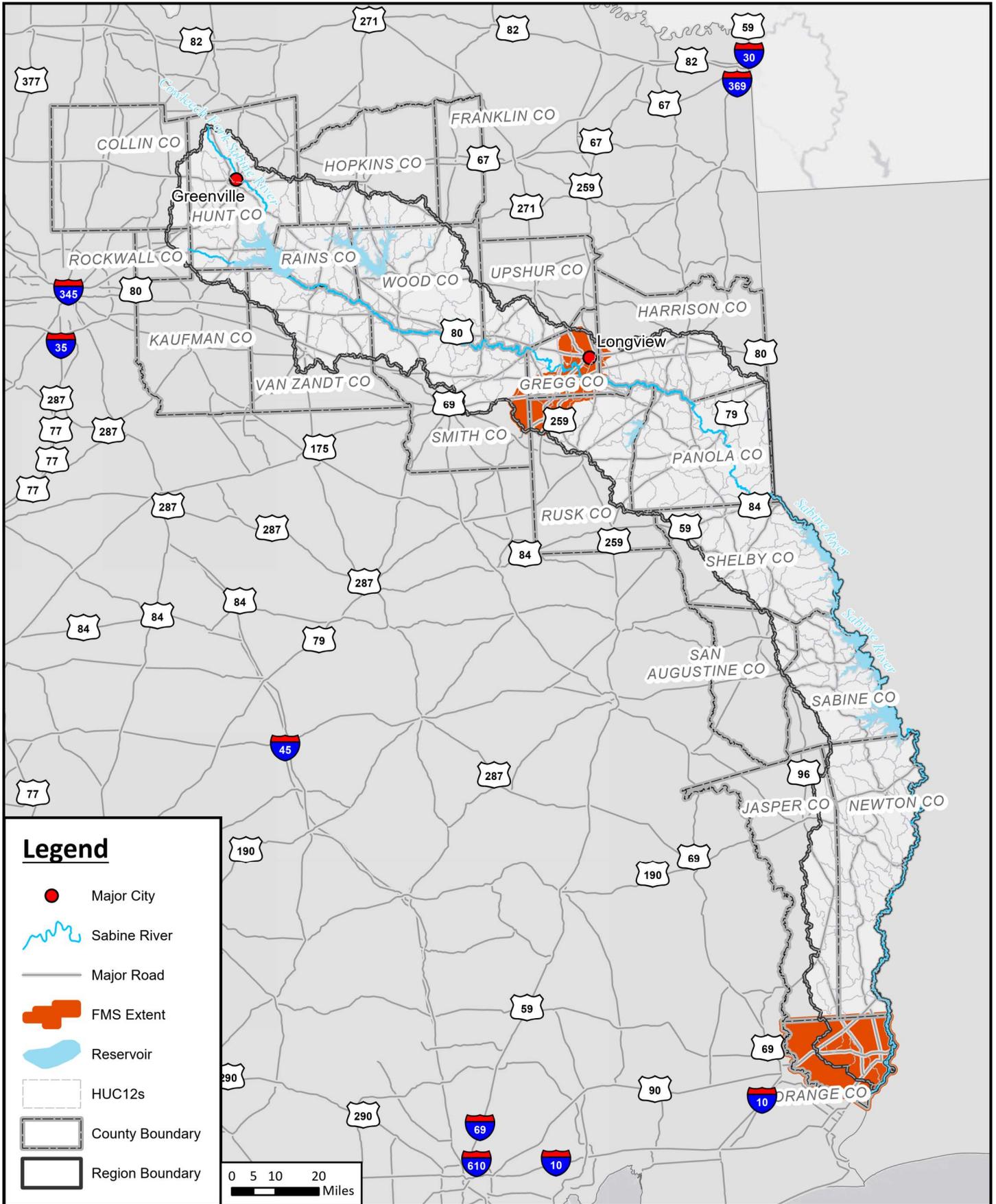


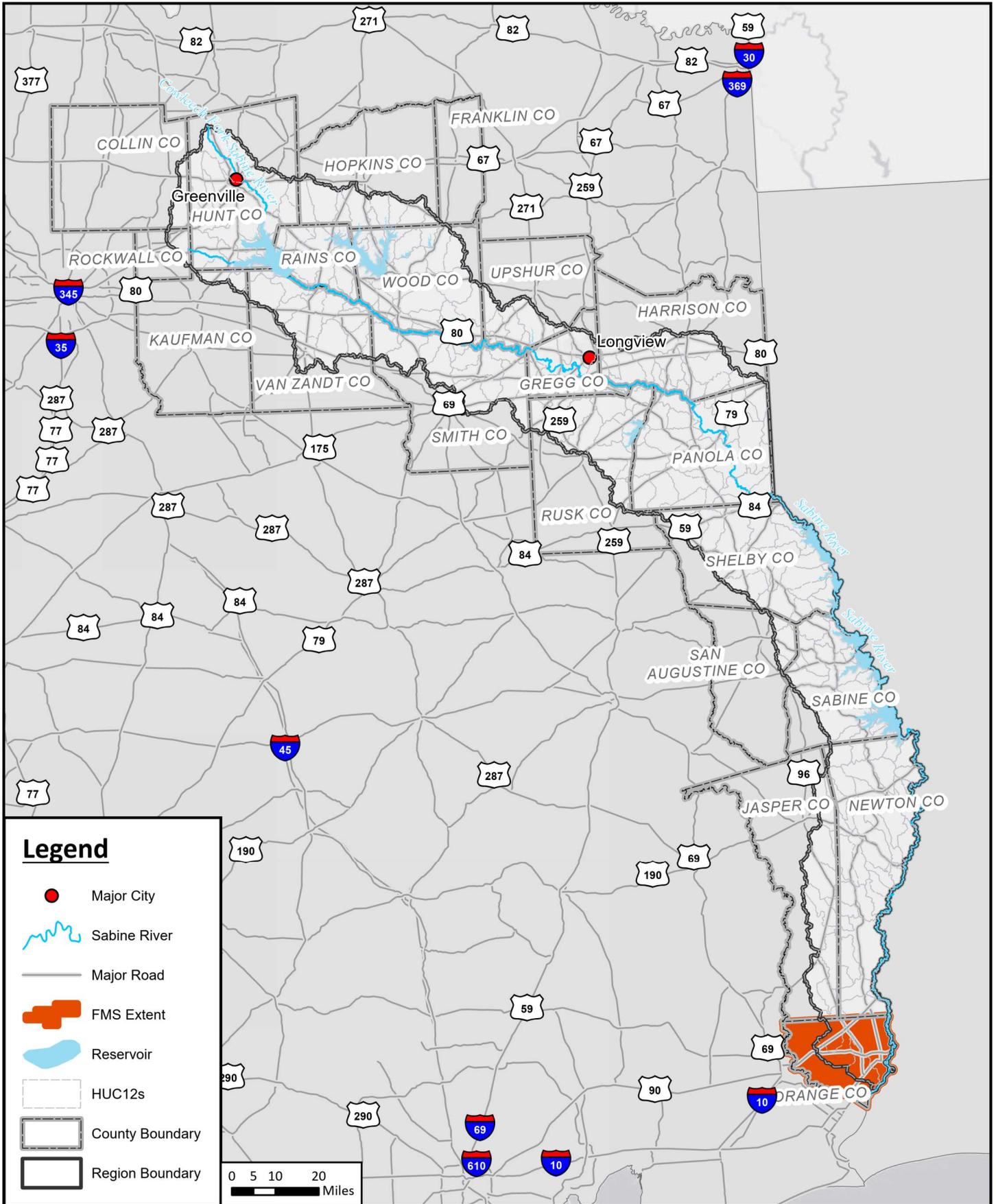
# Sabine Regional Flood Plan

Extent of Recommended Flood Mitigation Strategies:  
 Flood Measurement and Warning



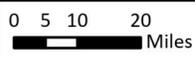






**Legend**

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



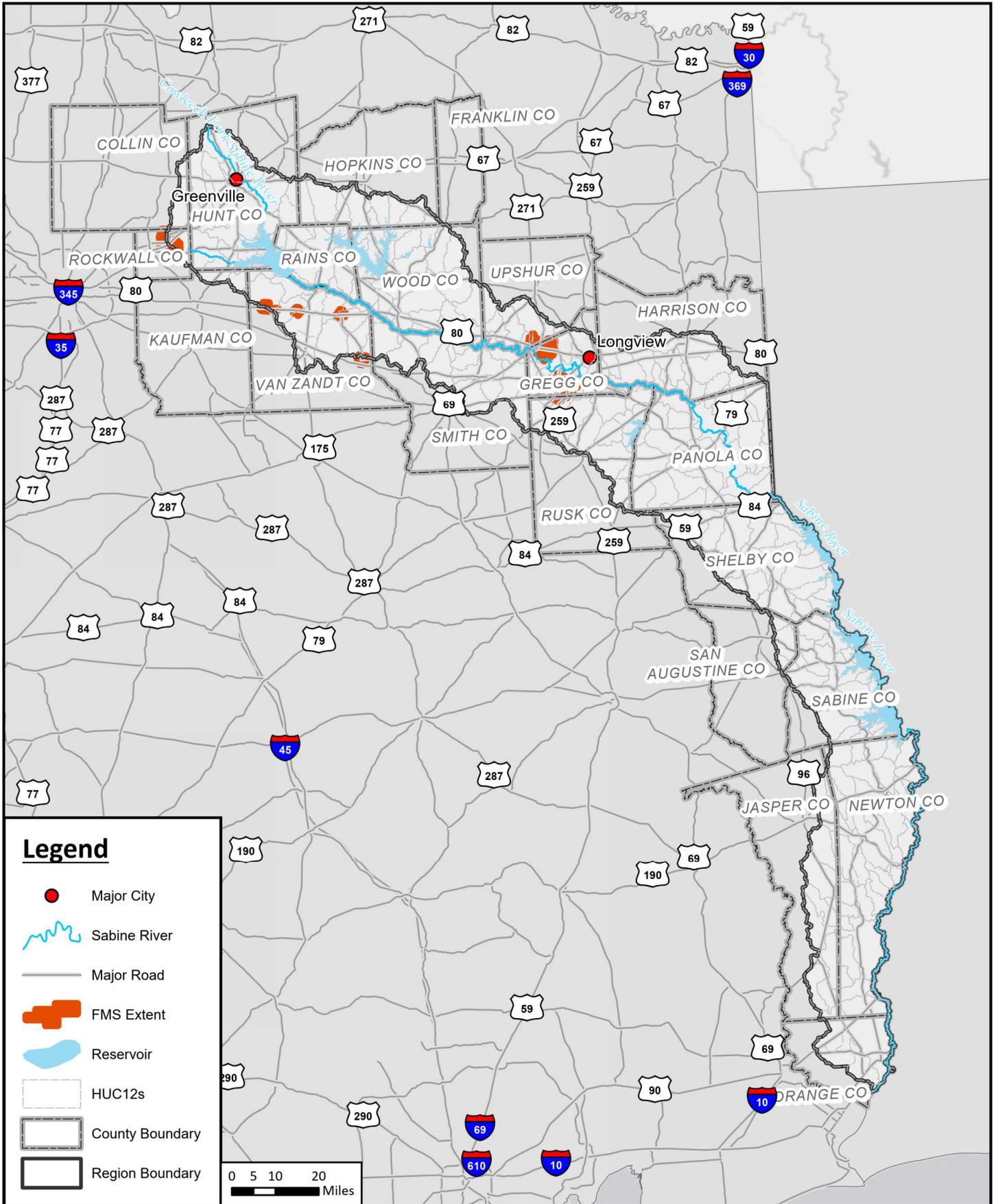
REGION 4

**Sabine Regional Flood Plan**

Extent of Recommended Flood Mitigation Strategies: Infrastructure Projects



**MAP 21**  
FIGURE 6 of 9



**Legend**

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

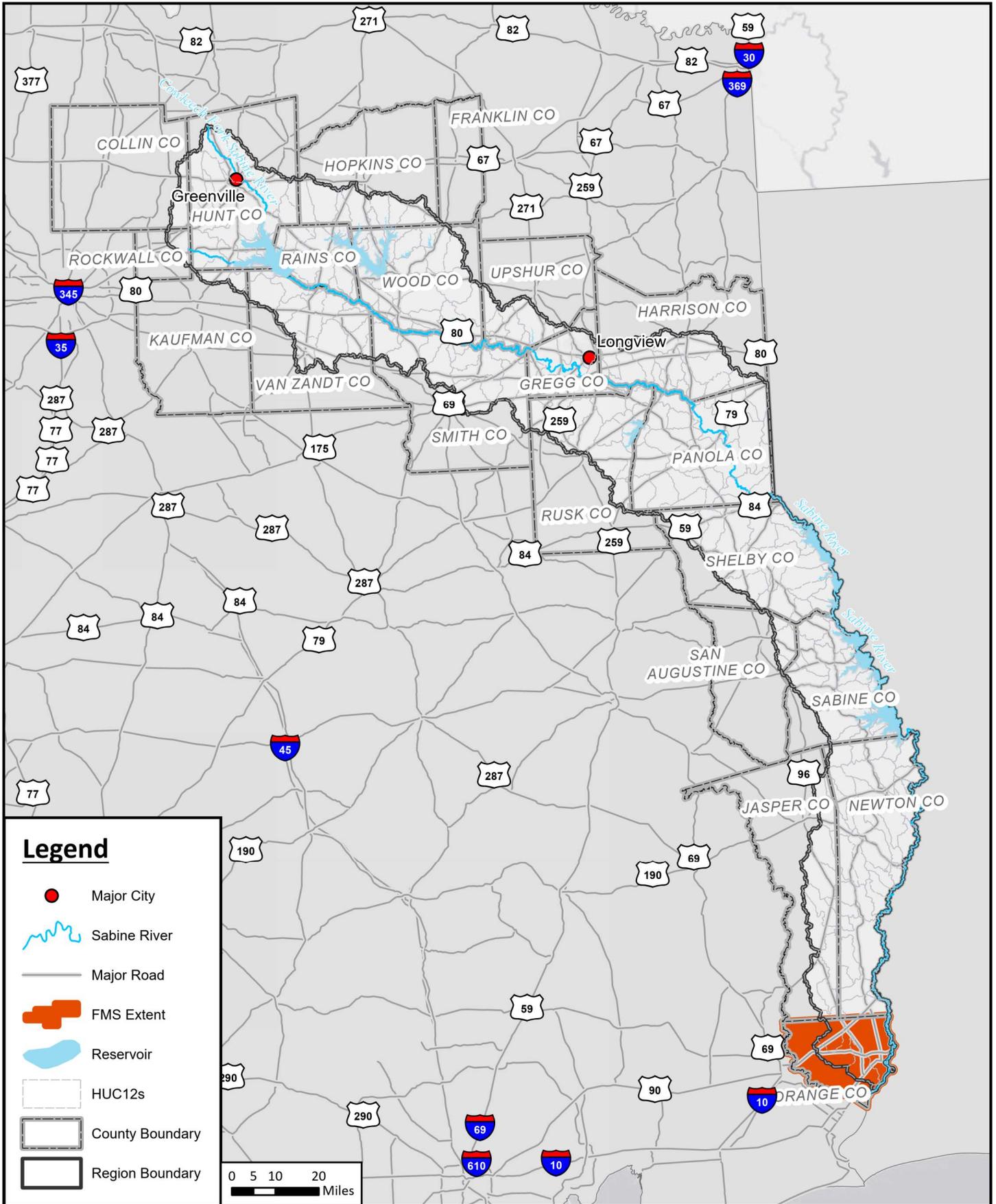


**Sabine Regional Flood Plan**

Extent of Recommended Flood Mitigation Strategies: Maintenance Program



**MAP 21**  
FIGURE 7 of 9



**Legend**

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

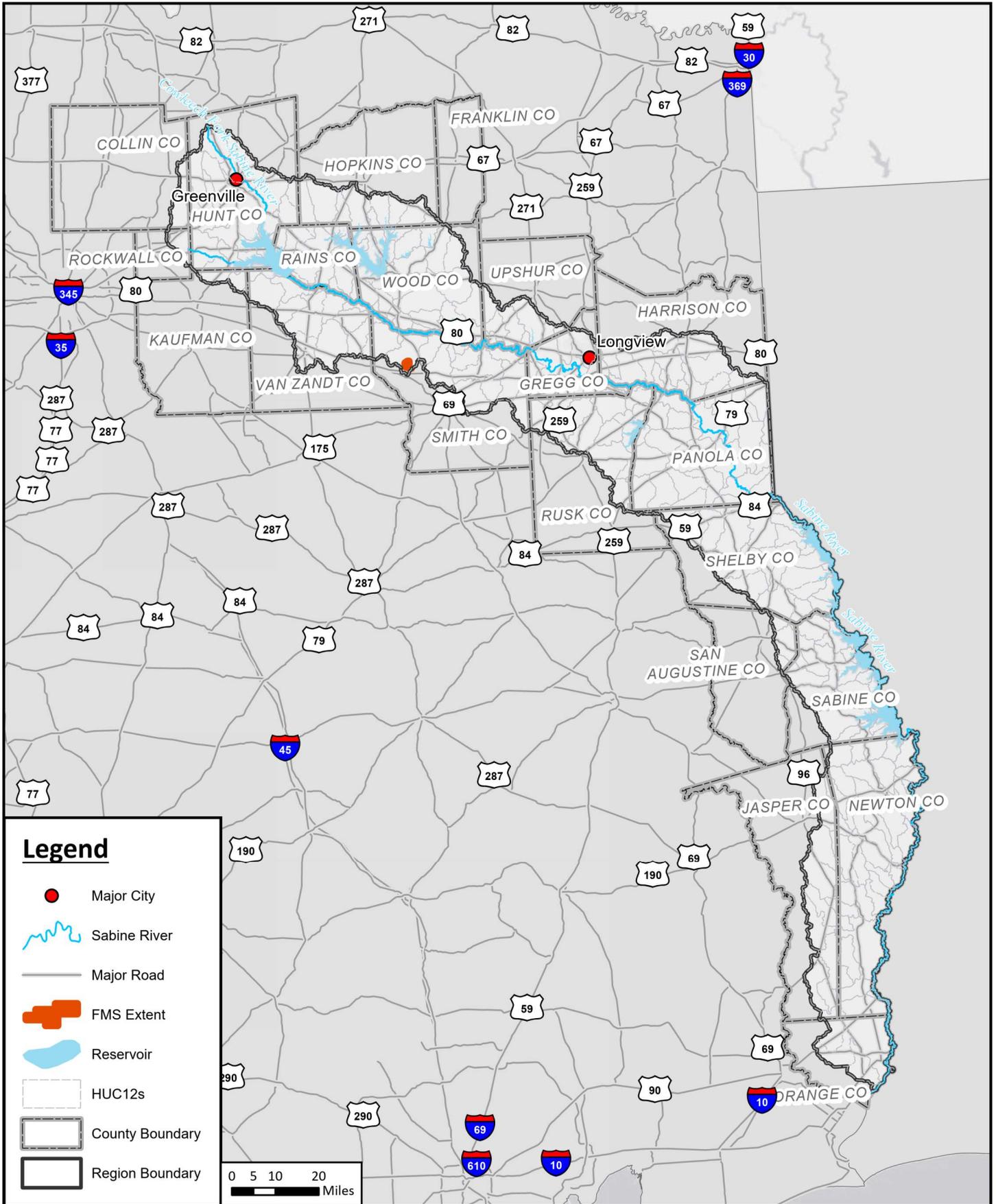


**Sabine Regional Flood Plan**

Extent of Recommend Flood Mitigation Strategies: Emergency Response



**MAP 21**  
FIGURE 8 of 9



**Legend**

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

0 5 10 20  
Miles



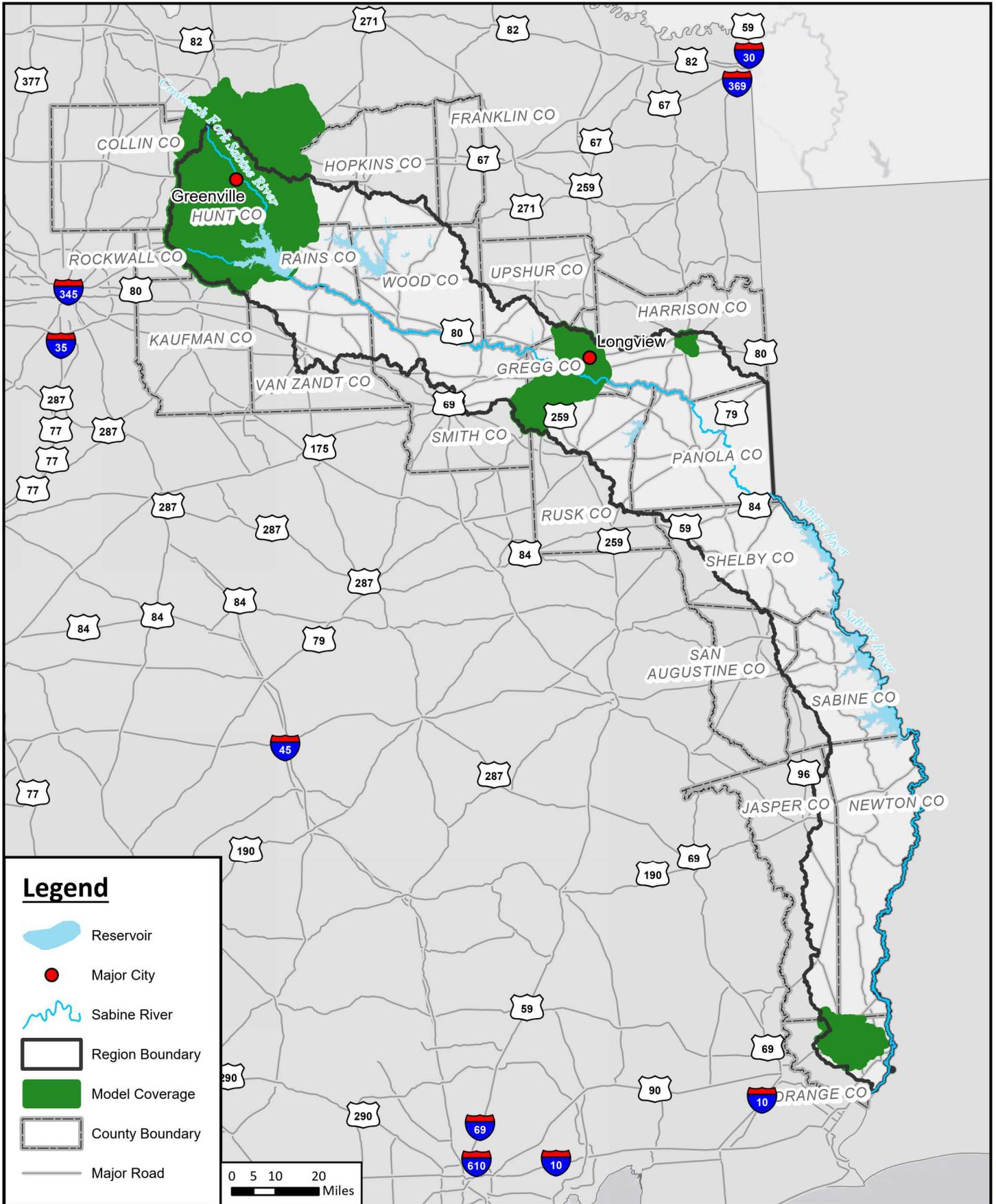
REGION 4

**Sabine Regional Flood Plan**

Extent of Recommend Flood Mitigation Strategies: Dam Reliability



**MAP 21**  
FIGURE 9 of 9



**APPENDIX 5-B**  
**SUPPORTING TABLES FOR CHAPTER 5**

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Table 15: Recommended Flood Management Evaluations Identified by RFPG

| FME ID    | RFPG No. | RFPG Name | FME Name                              | Description   | Associated Goals             | Counties                      | HUC8s              | HUC12s   | Watershed Name              | Study Type         | FME Area (sqmi) | Flood Risk Type   | Sponsor   | Entities with Oversight | Emergency Need | Estimated Study Cost | RFPG Recommendation | Reason for Recommendation |
|-----------|----------|-----------|---------------------------------------|---|------------------------------|-------------------------------|--------------------|--|-----------------------------|--------------------|-----------------|-------------------|-----------|-------------------------|----------------|----------------------|---------------------|---------------------------|
| 041000001 | 4        | Sabine    | Parker Creek Corridor Study           | Study of Parker Creek Corridor  | 04000007                     | Harrison                      | 12010002           | 120100020703   | Middle Sabine               | Project Planning   | 47              | Riverine          | Marshall  | Marshall                | Yes            | \$380,000            | Yes                 | Aligns with RFPG Goals    |
| 041000002 | 4        | Sabine    | Newton County Flood Hazard Mapping    | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.  | 04000012, 04000013, 04000014 | Newton, Sabine                | 12010005           | 120100051005, 120100051004, 120100051100, 120100051003   | Lower Sabine                | Watershed Planning | 936             | Riverine, Coastal | Newton    | Newton                  | Yes            | \$2,340,000          | Yes                 | Aligns with RFPG Goals    |
| 041000003 | 4        | Sabine    | Smith County Flood Hazard Mapping     | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.  | 04000012, 04000013, 04000014 | Smith, Van Zandt, Rains, Wood | 12010001, 12010002 | 120100010603, 120100010608, 120100010607, 120100020105, 120100020101, 120100020106, 120100020107, 120100020501, 120100020301, 120100020302, 120100020303, 120100020403, 120100020404, 120100020405, 120100020502, 120100020102, 120100020104                             | Upper Sabine, Middle Sabine | Watershed Planning | 946             | Riverine          | Smith     | Smith                   | Yes            | \$4,275,000          | Yes                 | Aligns with RFPG Goals    |
| 041000004 | 4        | Sabine    | Smith County Drainage Master Plan     | Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000012, 04000013, 04000014 | Smith, Van Zandt, Rains, Wood | 12010001, 12010002 | 120100010603, 120100010608, 120100010607, 120100020105, 120100020101, 120100020106, 120100020107, 120100020501, 120100020301, 120100020302, 120100020303, 120100020403, 120100020404, 120100020405, 120100020502, 120100020102, 120100020104                             | Upper Sabine, Middle Sabine | Watershed Planning | 946             | Riverine          | Smith     | Smith                   | Yes            | \$1,900,000          | Yes                 | Aligns with RFPG Goals    |
| 041000005 | 4        | Sabine    | Harrison County Flood Hazard Mapping  | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.  | 04000012, 04000013, 04000014 | Panola, Harrison              | 12010002           | 120100020906, 120100020904, 120100021102, 120100020703, 120100020601, 120100020602, 120100020603, 120100020607, 120100020608, 120100020701, 120100020702, 120100020704, 120100020706, 120100020903, 120100020705, 120100021101   | Middle Sabine               | Watershed Planning | 912             | Riverine          | Harrison  | Harrison                | Yes            | \$1,850,000          | Yes                 | Aligns with RFPG Goals    |
| 041000006 | 4        | Sabine    | Van Zandt County Flood Hazard Mapping | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.  | 04000012, 04000013, 04000014 | Van Zandt, Rains, Hunt        | 12010001           | 120100010407, 120100010503, 120100010501, 120100010502, 120100010504, 120100010601, 120100010507, 120100010603, 120100010608, 120100010605, 120100010607, 120100010505, 120100010405, 120100010604   | Upper Sabine                | Watershed Planning | 856             | Riverine          | Van Zandt | Van Zandt               | Yes            | \$2,230,000          | Yes                 | Aligns with RFPG Goals    |
| 041000007 | 4        | Sabine    | Upshur County Drainage Master Plan    | Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000012, 04000013, 04000014 | Smith, Wood, Upshur           | 12010002           | 120100020107, 120100020205, 120100020206, 120100020402, 120100020401, 120100020403, 120100020405, 120100020504, 120100020505   | Middle Sabine               | Watershed Planning | 590             | Riverine          | Upshur    | Upshur                  | Yes            | \$200,000            | Yes                 | Aligns with RFPG Goals    |
| 041000008 | 4        | Sabine    | Sabine County Flood Hazard Mapping    | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.  | 04000012, 04000013, 04000014 | Sabine                        | 12010004           | 120100040903, 120100040904, 120100040905, 120100041003, 120100040703, 120100040702, 120100040901, 120100040902, 120100041005, 120100041104, 120100040807, 120100040806, 120100041002, 120100041106, 120100041105, 120100041103, 120100041004, 120100041101, 120100041102 | Toledo Bend Reservoir       | Watershed Planning | 574             | Riverine          | Sabine    | Sabine                  | Yes            | \$1,100,000          | Yes                 | Aligns with RFPG Goals    |
| 041000009 | 4        | Sabine    | Sabine County Drainage Master Plan    | Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000012, 04000013, 04000014 | Sabine                        | 12010004           | 120100040903, 120100040904, 120100040905, 120100041003, 120100040703, 120100040702, 120100040901, 120100040902, 120100041005, 120100041104, 120100040807, 120100040806, 120100041002, 120100041106, 120100041105, 120100041103, 120100041004, 120100041101, 120100041102 | Toledo Bend Reservoir       | Watershed Planning | 574             | Riverine          | Sabine    | Sabine                  | Yes            | \$460,000            | Yes                 | Aligns with RFPG Goals    |

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

| FME ID    | RFPG No. | RFPG Name | FME Name  | Description   | Associated Goals             | Counties                | HUC8s              | HUC12s   | Watershed Name           | Study Type         | FME Area (sqmi) | Flood Risk Type | Sponsor     | Entities with Oversight | Emergency Need | Estimated Study Cost | RFPG Recommendation | Reason for Recommendation |
|-----------|----------|-----------|---|---|------------------------------|-------------------------|--------------------|--|--------------------------|--------------------|-----------------|-----------------|-------------|-------------------------|----------------|----------------------|---------------------|---------------------------|
| 041000019 | 4        | Sabine    | Hopkins County Flood Hazard Mapping                             | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.  | 04000012, 04000013, 04000014 | Wood, Hopkins, Franklin | 12010002, 12010003 | 120100020201, 120100030101, 120100030102, 120100030103, 120100030107, 120100030104, 120100030105, 120100030106, 120100030205, 120100030201, 120100030202, 120100030203 | Middle Sabine, Lake Fork | Watershed Planning | 791             | Riverine        | Hopkins     | Hopkins                 | Yes            | \$1,550,000          | Yes                 | Aligns with RFPG Goals    |
| 041000020 | 4        | Sabine    | Vidor Drainage Master Plan                                      | Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.   | 04000012, 04000013, 04000014 | Orange                  | 12010005           | 120100051004, 120100051003   | Lower Sabine             | Watershed Planning | 12              | Riverine        | Vidor       | Vidor                   | Yes            | \$1,200,000          | Yes                 | Aligns with RFPG Goals    |
| 041000021 | 4        | Sabine    | City of Fate Drainage Master Plan                               | Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.   | 04000012, 04000013, 04000014 | Rockwall, Collin, Hunt  | 12010001           | 120100010301   | Upper Sabine             | Watershed Planning | 12              | Riverine        | Fate        | Fate                    | No             | \$450,000            | Yes                 | Aligns with RFPG Goals    |
| 041000022 | 4        | Sabine    | Nevada Drainage Master Plan                                     | Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.   | 04000012, 04000013, 04000014 | Rockwall, Collin, Hunt  | 12010001           | 120100010301   | Upper Sabine             | Watershed Planning | 2               | Riverine        | Nevada      | Nevada                  | No             | \$100,000            | Yes                 | Aligns with RFPG Goals    |
| 041000023 | 4        | Sabine    | City of Newton Drainage Master Plan                             | Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000012, 04000013, 04000014 | Newton                  | 12010005           | 120100051005, 120100051004, 120100051100, 120100051003   | Lower Sabine             | Watershed Planning | 5               | Riverine        | Newton      | Newton                  | No             | \$100,000            | Yes                 | Aligns with RFPG Goals    |
| 041000024 | 4        | Sabine    | Newton Drainage Master Plan                                     | Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.   | 04000012, 04000013, 04000014 | Newton                  | 12010005           | 120100051005, 120100051004, 120100051100, 120100051003   | Lower Sabine             | Watershed Planning | 5               | Riverine        | Newton      | Newton                  | No             | \$400,000            | Yes                 | Aligns with RFPG Goals    |
| 041000025 | 4        | Sabine    | Longview Drainage Master Plan                                   | Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.   | 04000012, 04000013, 04000014 | Rusk, Gregg             | 12010002           | 120100020506, 120100020601, 120100020504, 120100020505, 120100020602   | Middle Sabine            | Watershed Planning | 56              | Riverine        | Longview    | Longview                | Yes            | \$1,100,000          | Yes                 | Aligns with RFPG Goals    |
| 041000026 | 4        | Sabine    | Josephine Drainage Master Plan                                  | Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.   | 04000012, 04000013, 04000014 | Collin, Hunt            | 12010001           | 120100010202, 120100010301   | Upper Sabine             | Watershed Planning | 2               | Riverine        | Josephine   | Josephine               | No             | \$100,000            | Yes                 | Aligns with RFPG Goals    |
| 041000027 | 4        | Sabine    | Kirbyville Drainage Master Plan                                 | Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.   | 04000012, 04000013, 04000014 | Jasper, Newton          | 12010005           | 120100050901, 120100050607, 120100050608   | Lower Sabine             | Watershed Planning | 2               | Riverine        | Kirbyville  | Kirbyville              | Yes            | \$600,000            | Yes                 | Aligns with RFPG Goals    |
| 041000028 | 4        | Sabine    | Marshall Drainage Master Plan                                   | Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.   | 04000012, 04000013, 04000014 | Harrison                | 12010002           | 120100020703, 120100020701, 120100020702, 120100020704   | Middle Sabine            | Watershed Planning | 30              | Riverine        | Marshall    | Marshall                | No             | \$500,000            | Yes                 | Aligns with RFPG Goals    |
| 041000029 | 4        | Sabine    | Scottsville Drainage Master Plan                                | Perform study of existing culverts and drainage capabilities in town. Identify upgrades to drainage infrastructure capacity where needed.   | 04000012, 04000013, 04000014 | Harrison                | 12010002           | 120100020703   | Middle Sabine            | Watershed Planning | 1               | Riverine        | Scottsville | Scottsville             | No             | \$300,000            | Yes                 | Aligns with RFPG Goals    |
| 041000030 | 4        | Sabine    | City of Edgewood Stormwater Drain and Culvert Improvement Study | Feasibility study to install and upgrade undersized stormwater drains and culverts  | 04000007                     | Van Zandt               | 12010001           | 120100010502, 120100010504   | Upper Sabine             | Project Planning   | 1               | Riverine        | Edgewood    | Edgewood                | No             | \$100,000            | Yes                 | Aligns with RFPG Goals    |
| 041000031 | 4        | Sabine    | City of Edgewood Stormwater Detention Study                     | Feasibility study to increase drainage capacity; add stormwater detention and / or retention basins as deemed necessary to reduce flood risk upstream of Edgewood City Dami   | 04000007                     | Van Zandt               | 12010001           | 120100010502, 120100010504   | Upper Sabine             | Project Planning   | 1               | Riverine        | Edgewood    | Edgewood                | No             | \$100,000            | Yes                 | Aligns with RFPG Goals    |
| 041000032 | 4        | Sabine    | City of Greenville Critical Facilities Flood Protection Study   | Feasibility study to elevated or flood proofing of critical structures and/or the construction of barriers around critical structures   | 04000004, 04000005           | Hunt                    | 12010001           | 120100010103, 120100010102, 120100010204, 120100010401   | Upper Sabine             | Project Planning   | 33              | Riverine        | Greenville  | Greenville              | No             | \$300,000            | Yes                 | Aligns with RFPG Goals    |

| FME ID    | RFPG No. | RFPG Name | FME Name   | Description   | Associated Goals                       | Counties  | HUC8s              | HUC12s   | Watershed Name          | Study Type       | FME Area (sqmi) | Flood Risk Type   | Sponsor                         | Entities with Oversight         | Emergency Need | Estimated Study Cost | RFPG Recommendation | Reason for Recommendation |
|-----------|----------|-----------|--|---|--|-----------|--------------------|--|-------------------------|------------------|-----------------|-------------------|---------------------------------|---------------------------------|----------------|----------------------|---------------------|---------------------------|
| 041000033 | 4        | Sabine    | City of Fruitvale Drainage Infrastructure Improvement Study  | Feasibility study to evaluate access and road conditions for response vehicles. Develop and implement options to improve access and/or add redundant access routes in high risk areas.              | 04000001, 04000014                     | Van Zandt | 12010001           | 120100010504, 120100010601   | Upper Sabine            | Project Planning | 2               | Riverine          | Fruitvale                       | Fruitvale                       | No             | \$200,000            | Yes                 | Aligns with RFPG Goals    |
| 041000034 | 4        | Sabine    | City of Canton Drainage Infrastructure Improvements Study  | Feasibility study to increase drainage capacity; install french drains or elevate building and upgrade undersized pipe under state Hwy  | 04000012                               | Van Zandt | 12010001           | 120100010503, 120100010604   | Upper Sabine            | Project Planning | 6               | Riverine          | Canton                          | Canton                          | No             | \$300,000            | Yes                 | Aligns with RFPG Goals    |
| 041000035 | 4        | Sabine    | City of Kilgore Drainage Infrastructure Improvements Study   | Study improvements to drainage infrastructure in the downtown area by installing new inlets and storm drains  | 04000014                               | Rusk      | 12010002           | 120100020506, 120100020405, 120100020502, 120100020503               | Middle Sabine           | Project Planning | 19              | Riverine          | Kilgore                         | Kilgore                         | No             | \$300,000            | Yes                 | Aligns with RFPG Goals    |
| 041000036 | 4        | Sabine    | City of Kilgore Library Drainage Improvement Study   | Feasibility study of underground drainage structures to capture and direct subsurface water away from the library structure   | 04000014                               | Rusk      | 12010002           | 120100020506, 120100020405, 120100020502, 120100020503               | Middle Sabine           | Project Planning | 19              | Riverine          | Kilgore                         | Kilgore                         | Yes            | \$400,000            | Yes                 | Aligns with RFPG Goals    |
| 041000037 | 4        | Sabine    | City of Henderson Flood Instructure Improvements Study   | Feasibility study to replace riprap lining with a concrete lining to increase maintenance efficiency and flood protection.  | 04000007                               | Rusk      | 12010002           | 120100020605, 120100020801   | Middle Sabine           | Project Planning | 12              | Riverine          | Henderson                       | Henderson                       | Yes            | \$200,000            | Yes                 | Aligns with RFPG Goals    |
| 041000038 | 4        | Sabine    | City of Henderson Storm Drain Improvement Study  | Feasibility study to install new storm drain system to address localized neighborhood drainage issues   | 04000007                               | Rusk      | 12010002           | 120100020605, 120100020801   | Middle Sabine           | Project Planning | 12              | Riverine          | Henderson                       | Henderson                       | Yes            | \$100,000            | Yes                 | Aligns with RFPG Goals    |
| 041000039 | 4        | Sabine    | City of Longview Critical Facilities Flood Protection Study  | Ensure that critical facilities owned by the jurisdiction are protected from flood.   | 04000003                               | Gregg     | 12010002           | 120100020506, 120100020601, 120100020504, 120100020505, 120100020602 | Middle Sabine           | Project Planning | 56              | Riverine          | Longview                        | Longview                        | Yes            | \$85,000             | Yes                 | Aligns with RFPG Goals    |
| 041000040 | 4        | Sabine    | Lone Oak - Dam Inundation Study  | Dam inundation study, safety study, and inventory of mitigation activities to implement for the county dams.  | 04000014                               | Hunt      | 12010001, 12010003 | 120100010406, 120100010401, 120100030102                             | Upper Sabine, Lake Fork | Other            | 1               | Riverine          | Lone Oak                        | Lone Oak                        | Yes            | \$500,000            | Yes                 | Aligns with RFPG Goals    |
| 041000041 | 4        | Sabine    | Kirbyville Drainage Improvement Study  | Study to coordinate and improve storm water drainage throughout the county; encourage new development to balance impervious surfaces with adjacent green space                                      | 04000007, 04000014                     | Jasper    | 12010005           | 120100050901, 120100050607, 120100050608                             | Lower Sabine            | Project Planning | 2               | Riverine          | Kirbyville                      | Kirbyville                      | Yes            | \$100,000            | Yes                 | Aligns with RFPG Goals    |
| 041000042 | 4        | Sabine    | Feasibility Assessment and Conceptual Design of Dredging of Segments of Adams Bayou  | H&H Study and Modeling for Feasibility Assessment of Dredging of Segments of Adams Bayou  | 04000007, 04000012, 04000013, 04000014 | Orange    | 12010005           | 120100051100   | Lower Sabine            | Project Planning | 146             | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes            | \$2,000,000          | Yes                 | Aligns with RFPG Goals    |
| 041000043 | 4        | Sabine    | Feasibility Assessment and Conceptual Design of Dredging of Segments of Cow Bayou  | H&H Study and Modeling for Feasibility Assessment of Dredging of Segments of Cow Bayou  | 04000007, 04000012, 04000013, 04000014 | Orange    | 12010005           | 120100051003, 120100051004, 120100051005                             | Lower Sabine            | Project Planning | 119             | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes            | \$600,000            | Yes                 | Aligns with RFPG Goals    |
| 041000044 | 4        | Sabine    | Feasibility Assessment and Conceptual Design of Dredging of Segments of Little Cypress Bayou   | H&H Study and Modeling for Feasibility Assessment of Dredging of Segments of Little Cypress Bayou   | 04000007, 04000012, 04000013, 04000014 | Orange    | 12010005           | 120100051100   | Lower Sabine            | Project Planning | 146             | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes            | \$1,000,000          | Yes                 | Aligns with RFPG Goals    |
| 041000045 | 4        | Sabine    | Feasibility Assessment and Conceptual Design of Constructing a Stormwater Detention Pond Adjacent to Cow Bayou near Claiborne Park             | H&H Study and Modeling for Feasibility Assessment of Construction of a Stormwater Detention Pond Adjacent to Cow Bayou near Claiborne Park  | 04000007, 04000012, 04000013, 04000014 | Orange    | 12010005           | 120100051003, 120100051004, 120100051005                             | Lower Sabine            | Project Planning | 119             | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes            | \$600,000            | Yes                 | Aligns with RFPG Goals    |
| 041000046 | 4        | Sabine    | Feasibility Assessment and Conceptual Design of Increasing the Size of Culverts and Railroad Trestles on Major Drainage Structures             | H&H Study and Modeling for Determination of Need and Feasibility Assessment for Increase in Size of Culverts and Railroad Trestles on Major Drainage Structures Throughout Orange County            | 04000007, 04000012, 04000013, 04000014 | Orange    | 12010005           | 120100051005, 120100051004, 120100051100, 120100051003               | Lower Sabine            | Project Planning | 371             | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes            | \$500,000            | Yes                 | Aligns with RFPG Goals    |
| 041000047 | 4        | Sabine    | Feasibility Assessment and Conceptual Design of Increasing Capacity of Drainage Ditches and Channels that Convey Stormwater from Neighborhoods | H&H Study and Modeling for Determination of Need and Feasibility Assessment of the Capacity of Drainage Ditches and Channels that Convey Stormwater from Neighborhoods Located Within Orange County | 04000007, 04000012, 04000013, 04000014 | Orange    | 12010005           | 120100051005, 120100051004, 120100051100, 120100051003               | Lower Sabine            | Project Planning | 371             | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes            | \$1,000,000          | Yes                 | Aligns with RFPG Goals    |

| FME ID   | RFPG No. | RFPG Name | FME Name  | Description  | Associated Goals                       | Counties               | HUC8s              | HUC12s   | Watershed Name          | Study Type         | FME Area (sqmi) | Flood Risk Type   | Sponsor                         | Entities with Oversight         | Emergency Need | Estimated Study Cost | RFPG Recommendation | Reason for Recommendation |
|----------|----------|-----------|---|--|--|------------------------|--------------------|--|-------------------------|--------------------|-----------------|-------------------|---------------------------------|---------------------------------|----------------|----------------------|---------------------|---------------------------|
| 04100048 | 4        | Sabine    | City of Fate Culvert Improvement Study                                      | Culverts improvements to meet 100-YR fully developed conditions  | 04000007, 04000012, 04000013, 04000014 | Rockwall, Collin, Hunt | 12010001           | 120100010301   | Upper Sabine            | Project Planning   | 56              | Riverine          | Fate                            | Fate                            | No             | \$100,000            | Yes                 | Aligns with RFPG Goals    |
| 04100049 | 4        | Sabine    | Newton County Flood and Drainage Study                                      | Feasibility study to reconstruct bridges and culverts in a major drainage basin flowing into the Sabine River in Newton County.          | 04000007, 04000012, 04000013, 04000014 | Newton, Jasper         | 12010005           | 120100050504, 120100050601, 120100050602, 120100050603, 120100050605, 120100050606   | Lower Sabine            | Project Planning   | 159             | Riverine          | Newton                          | Newton                          | Yes            | \$600,000            | Yes                 | Aligns with RFPG Goals    |
| 04100050 | 4        | Sabine    | Orange County Drainage Improvements at Kinard Estates Study                 | First-time sewer service, detention pond, and other drainage improvements to reduce flooding and environmental impacts.                  | 04000007, 04000012, 04000013, 04000014 | Orange                 | 12010005           | 120100051005, 120100051004, 120100051100, 120100051003   | Lower Sabine            | Project Planning   | 371             | Riverine, Coastal | Orange County                   | Orange County                   | Yes            | \$250,000            | Yes                 | Aligns with RFPG Goals    |
| 04100051 | 4        | Sabine    | West Orange Drainage Improvements Study                                     | West Orange Drainage Improvements Study to quantify benefits, evaluate impacts, and begin design.  | 04000012, 04000013, 04000014           | Orange                 | 12010005           | 120100051100   | Lower Sabine            | Project Planning   | 3               | Riverine, Coastal | West Orange                     | West Orange                     | Yes            | \$350,000            | Yes                 | Aligns with RFPG Goals    |
| 04100052 | 4        | Sabine    | Adams Bayou Detention Ponds Study   | Flood Protection Planning Study Cow Bayou & Adams Bayou Alternative  | 04000007, 04000012, 04000013, 04000014 | Orange                 | 12010005           | 120100051100   | Lower Sabine            | Project Planning   | 146             | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes            | \$600,000            | Yes                 | Aligns with RFPG Goals    |
| 04100053 | 4        | Sabine    | Cole Creek Detention Ponds Study  | Flood Protection Planning Study Cow Bayou & Adams Bayou Alternative  | 04000007, 04000012, 04000013, 04000014 | Orange                 | 12010005           | 120100051003, 120100051004, 120100051005   | Lower Sabine            | Project Planning   | 119             | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes            | \$600,000            | Yes                 | Aligns with RFPG Goals    |
| 04100054 | 4        | Sabine    | Cow Bayou Detention Ponds Study   | Flood Protection Planning Study Cow Bayou & Adams Bayou Alternative  | 04000007, 04000012, 04000013, 04000014 | Orange                 | 12010005           | 120100051003, 120100051004, 120100051005   | Lower Sabine            | Project Planning   | 119             | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes            | \$600,000            | Yes                 | Aligns with RFPG Goals    |
| 04100055 | 4        | Sabine    | North Airport Retention Pond  | Feasibility Study of North Airport Retention Pond  | 04000007                               | Greenville             | 12010001           | 120100010102, 120100010103   | Upper Sabine            | Project Planning   | 80              | Riverine          | Greenville                      | Greenville                      | Yes            | \$640,000            | Yes                 | Aligns with RFPG Goals    |
| 04100056 | 4        | Sabine    | Parker Creek Detention Pond   | Feasibility Study of Parker Creek Detention Pond   | 04000007                               | Harrison               | 12010002           | 120100020703   | Middle Sabine           | Project Planning   | 47              | Riverine          | Marshall                        | Marshall                        | Yes            | \$380,000            | Yes                 | Aligns with RFPG Goals    |
| 04100057 | 4        | Sabine    | Terry Gully Detention Ponds Study   | Flood Protection Planning Study Cow Bayou & Adams Bayou Alternative  | 04000007, 04000012, 04000013, 04000014 | Orange                 | 12010005           | 120100051004   | Lower Sabine            | Project Planning   | 40              | Riverine          | Orange County Drainage District | Orange County Drainage District | Yes            | \$600,000            | Yes                 | Aligns with RFPG Goals    |
| 04100058 | 4        | Sabine    | Gregg County Flood Hazard Mapping   | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes. | 04000012, 04000013, 04000014           | Gregg                  | 12010002           | 120100020402, 120100020403, 120100020404, 120100020405, 120100020501, 120100020502, 120100020503, 120100020504, 120100020505, 120100020506, 120100020601, 120100020602, 120100020603, 120100020606, 120100020608                             | Middle Sabine           | Watershed Planning | 274             | Riverine          | Gregg                           | Gregg                           | No             | \$2,200,000          | Yes                 | Aligns with RFPG Goals    |
| 04100059 | 4        | Sabine    | Hunt County Flood Hazard Mapping  | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes. | 04000012, 04000013, 04000014           | Hunt                   | 12010001, 12010003 | 120100010101, 120100010102, 120100010103, 120100010104, 120100010301, 120100010302, 120100010303, 120100010401, 120100010402, 120100010403, 120100010404, 120100010405, 120100010406, 120100010407, 120100030101, 120100030102               | Upper Sabine, Lake Fork | Watershed Planning | 879             | Riverine          | Hunt                            | Hunt                            | Yes            | \$4,000,000          | Yes                 | Aligns with RFPG Goals    |
| 04100060 | 4        | Sabine    | Jasper County Flood Hazard Mapping  | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes. | 04000007, 04000012, 04000013, 04000014 | Jasper                 | 12010005           | 120100050601, 120100050602, 120100050603, 120100050604, 120100050605, 120100050607, 120100050608, 120100050801, 120100050802, 120100050803, 120100050804, 120100050901, 120100050902, 120100050905, 120100051001, 120100051002, 120100051003 | Lower Sabine            | Watershed Planning | 966             | Riverine          | Jasper                          | Jasper                          | Yes            | \$700,000            | Yes                 | Aligns with RFPG Goals    |
| 04100061 | 4        | Sabine    | Elevation of Feeder Road Bridge Along IH-10 at Cole Creek Feasibility Study | Elevation of Feeder Road Bridge Along IH-10 at Cole Creek Feasibility Study  | 04000007, 04000012, 04000013, 04000014 | Orange                 | 12010005           | 120100051003, 120100051004, 120100051005   | Lower Sabine            | Project Planning   | 119             | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes            | \$500,000            | Yes                 | Aligns with RFPG Goals    |
| 04100062 | 4        | Sabine    | Lawrence Road Detention Pond Feasibility Study                              | Lawrence Road Detention Pond Feasibility Study   | 04000007, 04000012, 04000013, 04000014 | Orange                 | 12010005           | 120100051003, 120100051004, 120100051005   | Lower Sabine            | Project Planning   | 119             | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes            | \$400,000            | Yes                 | Aligns with RFPG Goals    |

| FME ID    | RFPG No. | RFPG Name | FME Name  | Description   | Associated Goals                       | Counties | HUC8s    | HUC12s   | Watershed Name | Study Type       | FME Area (sqmi) | Flood Risk Type   | Sponsor                         | Entities with Oversight         | Emergency Need | Estimated Study Cost | RFPG Recommendation | Reason for Recommendation |
|-----------|----------|-----------|---|---|--|----------|----------|--|----------------|------------------|-----------------|-------------------|---------------------------------|---------------------------------|----------------|----------------------|---------------------|---------------------------|
| 041000063 | 4        | Sabine    | Diversion Channel Cow Bayou Feasibility Study             | Diversion Channel Cow Bayou Feasibility Study   | 04000007, 04000012, 04000013, 04000014 | Orange   | 12010005 | 120100051003, 120100051004, 120100051005               | Lower Sabine   | Project Planning | 119             | Riverine, Coastal | Orange County Drainage District | Orange County Drainage District | Yes            | \$5,209,500          | Yes                 | Aligns with RFPG Goals    |
| 041000064 | 4        | Sabine    | Bell Cutoff Low Water Crossing Study                      | Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000007, 04000008                     | Harrison | 12010002 | 120100020703   | Middle Sabine  | Project Planning | 12              | Riverine          | Marshall                        | Marshall                        | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000065 | 4        | Sabine    | Happy Hallow Creek Erosion Protection Study               | Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000007, 04000008                     | Harrison | 12010002 | 120100020703, 120100020701                             | Middle Sabine  | Project Planning | 2               | Riverine          | Marshall                        | Marshall                        | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000066 | 4        | Sabine    | Cox Creek Culvert Improvement Feasibility Study           | Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000007, 04000008                     | Harrison | 12010002 | 120100020703, 120100020701, 120100020702, 120100020704 | Middle Sabine  | Project Planning | 6               | Riverine          | Marshall                        | Marshall                        | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000067 | 4        | Sabine    | Cox Creek Drainage Basin Feasibility Study                | Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000007, 04000008                     | Harrison | 12010002 | 120100020703, 120100020701, 120100020702, 120100020704 | Middle Sabine  | Project Planning | 6               | Riverine          | Marshall                        | Marshall                        | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000068 | 4        | Sabine    | City of Marshall Drainage System Improvements Study       | Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000007, 04000008                     | Harrison | 12010002 | 120100020703, 120100020701                             | Middle Sabine  | Project Planning | 13              | Riverine          | Marshall                        | Marshall                        | No             | \$100,000            | Yes                 | Aligns with RFPG Goals    |
| 041000069 | 4        | Sabine    | East Parker Creek Detention Pond Feasibility Study        | Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000007, 04000008                     | Harrison | 12010002 | 120100020703, 120100020701                             | Middle Sabine  | Project Planning | 13              | Riverine          | Marshall                        | Marshall                        | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000070 | 4        | Sabine    | Franklin St Underpass Improvement Study                   | Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000007, 04000008                     | Harrison | 12010002 | 120100020703   | Middle Sabine  | Project Planning | 3               | Riverine          | Marshall                        | Marshall                        | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000071 | 4        | Sabine    | Happy Hallow Creek Conveyance Improvement Study           | Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000007, 04000008                     | Harrison | 12010002 | 120100020703, 120100020701                             | Middle Sabine  | Project Planning | 2               | Riverine          | Marshall                        | Marshall                        | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000072 | 4        | Sabine    | Lower Happy Hollow Creek Detention Pond Feasibility Study | Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000007, 04000008                     | Harrison | 12010002 | 120100020703, 120100020701                             | Middle Sabine  | Project Planning | 13              | Riverine          | Marshall                        | Marshall                        | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |

| FME ID    | RFPG No. | RFPG Name | FME Name  | Description   | Associated Goals   | Counties  | HUC8s              | HUC12s   | Watershed Name              | Study Type         | FME Area (sqmi) | Flood Risk Type | Sponsor   | Entities with Oversight | Emergency Need | Estimated Study Cost | RFPG Recommendation | Reason for Recommendation |
|-----------|----------|-----------|---|---|--------------------|-----------|--------------------|--|-----------------------------|--------------------|-----------------|-----------------|-----------|-------------------------|----------------|----------------------|---------------------|---------------------------|
| 041000073 | 4        | Sabine    | Parker Creek Maintenance Study                            | Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.                                 | 04000007, 04000008 | Harrison  | 12010002           | 120100020703, 120100020701   | Middle Sabine               | Project Planning   | 13              | Riverine        | Marshall  | Marshall                | No             | \$10,000             | Yes                 | Aligns with RFPG Goals    |
| 041000074 | 4        | Sabine    | Summit St Drainage Improvement Study                      | Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.                                 | 04000007, 04000008 | Harrison  | 12010002           | 120100020703   | Middle Sabine               | Project Planning   | 2               | Riverine        | Marshall  | Marshall                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000075 | 4        | Sabine    | Town Branch Creek Detention Pond Feasibility Study        | Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.                                 | 04000007, 04000008 | Harrison  | 12010002           | 120100020703, 120100020701   | Middle Sabine               | Project Planning   | 13              | Riverine        | Marshall  | Marshall                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000076 | 4        | Sabine    | Turtle Creek Detention Pond Feasibility Study             | Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.                                 | 04000007, 04000008 | Harrison  | 12010002           | 120100020703, 120100020701   | Middle Sabine               | Project Planning   | 13              | Riverine        | Marshall  | Marshall                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000077 | 4        | Sabine    | Turtle Creek Maintenance Study                            | Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.                                 | 04000007, 04000008 | Harrison  | 12010002           | 120100020703, 120100020701   | Middle Sabine               | Project Planning   | 7               | Riverine        | Marshall  | Marshall                | No             | \$10,000             | Yes                 | Aligns with RFPG Goals    |
| 041000078 | 4        | Sabine    | Upper Happy Hollow Creek Detention Pond Feasibility Study | Perform H&H modeling to develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.                                 | 04000007, 04000008 | Harrison  | 12010002           | 120100020703, 120100020701   | Middle Sabine               | Project Planning   | 13              | Riverine        | Marshall  | Marshall                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000079 | 4        | Sabine    | Van Zandt County Master Drainage Plan                     | Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000007, 04000008 | Van Zandt | 12010001           | 120100010407, 120100010503, 120100010501, 120100010502, 120100010504, 120100010601, 120100010507, 120100010603, 120100010608, 120100010605, 120100010607, 120100010505, 120100010405, 120100010604   | Upper Sabine                | Watershed Planning | 856             | Riverine        | Van Zandt | Van Zandt               | No             | \$935,000            | Yes                 | Aligns with RFPG Goals    |
| 041000080 | 4        | Sabine    | Smith County Drainage Capacity Upgrades                   | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.  | 04000007, 04000008 | Smith     | 12010001, 12010002 | 120100010603, 120100010608, 120100010607, 120100020105, 120100020101, 120100020106, 120100020107, 120100020501, 120100020301, 120100020302, 120100020303, 120100020403, 120100020404, 120100020405, 120100020502, 120100020102, 120100020104               | Upper Sabine, Middle Sabine | Project Planning   | 946             | Riverine        | Smith     | Smith                   | Yes            | \$225,000            | Yes                 | Aligns with RFPG Goals    |
| 041000081 | 4        | Sabine    | Rusk County Drainage Master Plan                          | Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000007, 04000008 | Rusk      | 12010002           | 120100020501, 120100021004, 120100021005, 120100021006, 120100020506, 120100020502, 120100020503, 120100020601, 120100020603, 120100020604, 120100020605, 120100020606, 120100020608, 120100020801, 120100020803, 120100020901, 120100020804, 120100020802 | Middle Sabine               | Watershed Planning | 935             | Riverine        | Rusk      | Rusk                    | Yes            | \$750,000            | Yes                 | Aligns with RFPG Goals    |

| FME ID    | RFPG No. | RFPG Name | FME Name  | Description   | Associated Goals   | Counties               | HUC8s              | HUC12s   | Watershed Name                       | Study Type         | FME Area (sqmi) | Flood Risk Type   | Sponsor                | Entities with Oversight | Emergency Need | Estimated Study Cost | RFPG Recommendation | Reason for Recommendation |
|-----------|----------|-----------|---|---|--------------------|------------------------|--------------------|--|--------------------------------------|--------------------|-----------------|-------------------|------------------------|-------------------------|----------------|----------------------|---------------------|---------------------------|
| 041000082 | 4        | Sabine    | Shelby County Drainage Master Plan                        | Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000007, 04000008 | lby                    | 12010002, 12010004 | 120100020501, 120100021004, 120100021005, 120100021006, 120100020506, 120100020502, 120100020503, 120100020601, 120100020603, 120100020604, 120100020605, 120100020606, 120100020608, 120100020801, 120100020803, 120100020901, 120100020804, 120100020802 | Middle Sabine, Toledo Bend Reservoir | Watershed Planning | 831             | Riverine          | Shelby                 | Shelby                  | No             | \$150,000            | Yes                 | Aligns with RFPG Goals    |
| 041000083 | 4        | Sabine    | Jasper County Drainage Master Plan                        | Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000007, 04000008 | Jasper                 | 12010005           | 120100050604, 120100050905, 120100050603, 120100050901, 120100050902, 120100051002, 120100051003, 120100050804, 120100050605, 120100050601, 120100050602, 120100051001, 120100050607, 120100050608, 120100050801, 120100050802, 120100050803               | Lower Sabine                         | Watershed Planning | 966             | Riverine          | Jasper                 | Jasper                  | Yes            | \$280,000            | Yes                 | Aligns with RFPG Goals    |
| 041000084 | 4        | Sabine    | Orange County Flood Hazard Mapping                        | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.  | 04000011, 04000012 | Orange                 | 12010005           | 120100051005, 120100051004, 120100051100, 120100051003   | Lower Sabine                         | Watershed Planning | 371             | Riverine, Coastal | Orange County          | Orange County           | Yes            | \$1,500,000          | Yes                 | Aligns with RFPG Goals    |
| 041000085 | 4        | Sabine    | Orange County Drainage Master Plan                        | Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions. | 04000007, 04000008 | Orange                 | 12010005           | 120100051005, 120100051004, 120100051100, 120100051003   | Lower Sabine                         | Watershed Planning | 371             | Riverine, Coastal | Orange County          | Orange County           | Yes            | \$675,000            | Yes                 | Aligns with RFPG Goals    |
| 041000086 | 4        | Sabine    | Kaufman County Flood Hazard Mapping                       | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.  | 04000011, 04000012 | Kaufman                | 12010001           | 120100010501, 120100010303, 120100010404, 120100010302, 120100010405   | Upper Sabine                         | Watershed Planning | 805             | Riverine          | Kaufman                | Kaufman                 | No             | \$3,500,000          | Yes                 | Aligns with RFPG Goals    |
| 041000087 | 4        | Sabine    | Rockwall County Flood Hazard Mapping                      | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.  | 04000011, 04000012 | Rockwall               | 12010001           | 120100010301, 120100010302   | Upper Sabine                         | Watershed Planning | 148             | Riverine          | Rockwall               | Rockwall                | No             | \$575,000            | Yes                 | Aligns with RFPG Goals    |
| 041000088 | 4        | Sabine    | Collin County Flood Hazard Mapping                        | Complete a detailed study within the county extent to delineate an updated flood hazard area, which can be used for regulatory purposes.  | 04000011, 04000012 | Collin                 | 12010001           | 120100010201, 120100010202, 120100010301, 120100010302   | Upper Sabine                         | Watershed Planning | 883             | Riverine          | Collin                 | Collin                  | No             | \$3,750,000          | Yes                 | Aligns with RFPG Goals    |
| 041000089 | 4        | Sabine    | Hunt County Countywide Drainage Study - Phase 2           | Development of detailed hydraulic models for additional areas of high flood risk identified in Phase 1. Perform alternatives analysis and develop FMPs for second cycle of the State Flood Plan.  | 04000007, 04000008 | Hunt                   | 12010001, 12010003 | 120100010201, 120100010202, 120100010301, 120100010302   | Upper Sabine, Lake Fork              | Project Planning   | 1,254           | Riverine          | Hunt                   | Hunt                    | Yes            | \$250,000            | Yes                 | Aligns with RFPG Goals    |
| 041000090 | 4        | Sabine    | Lower Sabine FIF Phase 2                                  | Development of detailed hydraulic models for additional areas of high flood risk identified in Phase 1. Perform alternatives analysis and develop FMPs for second cycle of the State Flood Plan.  | 04000007, 04000008 | Orange, Jasper, Newton | 12010004, 12010005 | 120100010201, 120100010202, 120100010301, 120100010302   | Toledo Bend Reservoir, Lower Sabine  | Project Planning   | 2,144           | Riverine, Coastal | Sabine River Authority | Sabine River Authority  | Yes            | \$250,000            | Yes                 | Aligns with RFPG Goals    |
| 041000091 | 4        | Sabine    | Upper Sabine FIF Phase 2                                  | Development of detailed hydraulic models for additional areas of high flood risk identified in Phase 1. Perform alternatives analysis and develop FMPs for second cycle of the State Flood Plan.  | 04000007, 04000008 | Gregg, Rusk            | 12010002           | 120100020501, 120100020506, 120100020502, 120100020503, 120100020601, 120100020504, 120100020505   | Middle Sabine                        | Project Planning   | 249             | Riverine          | Sabine River Authority | Sabine River Authority  | Yes            | \$250,000            | Yes                 | Aligns with RFPG Goals    |
| 041000092 | 4        | Sabine    | Collin County Retention Structures Rehabilitation Project | Collin County Retention Structures Rehabilitation Project   | 04000007, 04000008 | Collin                 | 12010001           | 120100010201, 120100010202, 120100010301, 120100010302   | Upper Sabine                         | Project Planning   | 883             | Riverine          | Collin                 | Collin                  | No             | \$30,000             | Yes                 | Aligns with RFPG Goals    |
| 041000093 | 4        | Sabine    | Collin County Flooding Hazard/Vulnerability Assessment    | Collin County flooding hazard/vulnerability assessment  | 04000007, 04000008 | Collin                 | 12010001           | 120100010201, 120100010202, 120100010301, 120100010302   | Upper Sabine                         | Project Planning   | 883             | Riverine          | Collin                 | Collin                  | No             | \$30,000             | Yes                 | Aligns with RFPG Goals    |
| 041000094 | 4        | Sabine    | Collin County Dam Inundation Study                        | Collin County Dam Inundation Study  | 04000011, 04000012 | Collin                 | 12010001           | 120100010201, 120100010202, 120100010301, 120100010302   | Upper Sabine                         | Other              | 883             | Riverine          | Collin                 | Collin                  | No             | \$30,000             | Yes                 | Aligns with RFPG Goals    |

| FME ID    | RFPG No. | RFPG Name | FME Name                                     | Description  | Associated Goals   | Counties       | HUC8s              | HUC12s   | Watershed Name          | Study Type         | FME Area (sqmi) | Flood Risk Type | Sponsor  | Entities with Oversight | Emergency Need | Estimated Study Cost | RFPG Recommendation | Reason for Recommendation |
|-----------|----------|-----------|--|--|--------------------|----------------|--------------------|--|-------------------------|--------------------|-----------------|-----------------|----------|-------------------------|----------------|----------------------|---------------------|---------------------------|
| 04100095  | 4        | Sabine    | City of Emory Drainage Master Plan           | Development of detailed hydraulic models for areas of high flood risk. Perform alternatives analysis and develop FMPs for second cycle of the State Flood Plan.  | 04000007, 04000008 | Rains, Hopkins | 12010001, 12010003 | 120100010506, 120100010507, 120100030101, 120100030102, 120100030103, 120100030107, 120100030104 | Upper Sabine, Lake Fork | Watershed Planning | 30              | Riverine        | Emory    | Emory                   | No             | \$100,000            | Yes                 | Aligns with RFPG Goals    |
| 04100096  | 4        | Sabine    | City of Emory Roadway Flood Evaluation       | Development of detailed hydraulic models for areas of high flood risk. Perform alternatives analysis to evaluate roadway flooding throughout the city and Honeysuckle Lane, Quitman Street, Alexander Street, Wells Street, Skyline, and FM 515. | 04000007, 04000008 | Rains, Hopkins | 12010001, 12010003 | 120100010506, 120100010507, 120100030101, 120100030102, 120100030103, 120100030107, 120100030104 | Upper Sabine, Lake Fork | Project Planning   | 30              | Riverine        | Emory    | Emory                   | No             | \$100,000            | Yes                 | Aligns with RFPG Goals    |
| 04100097  | 4        | Sabine    | Bighead Creek Flooding                       | Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.   | 04000007, 04000008 | Gregg, Rusk    | 12010002           | 120100020503   | Middle Sabine           | Project Planning   | 2               | Riverine        | Kilgore  | Kilgore                 | Yes            | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 04100098  | 4        | Sabine    | Guthrie Creek Corridor Flooding              | Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.   | 04000007, 04000008 | Gregg          | 12010002           | 120100020505   | Middle Sabine           | Project Planning   | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 04100099  | 4        | Sabine    | Longview Underpass Flooding                  | Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.   | 04000007, 04000008 | Gregg          | 12010002           | 120100020505   | Middle Sabine           | Project Planning   | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000100 | 4        | Sabine    | Upper Wade Creek Flooding                    | Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.   | 04000007, 04000008 | Gregg          | 12010002           | 120100020505   | Middle Sabine           | Project Planning   | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000101 | 4        | Sabine    | Lower Wade Creek Flooding                    | Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.   | 04000007, 04000008 | Gregg          | 12010002           | 120100020505   | Middle Sabine           | Project Planning   | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000102 | 4        | Sabine    | Turkey Creek Tributary Neighborhood Flooding | Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.   | 04000007, 04000008 | Gregg          | 12010002           | 120100020503   | Middle Sabine           | Project Planning   | 0               | Riverine        | Kilgore  | Kilgore                 | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000103 | 4        | Sabine    | Elm Branch Flooding                          | Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.   | 04000007, 04000008 | Gregg          | 12010002           | 120100020505   | Middle Sabine           | Project Planning   | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000104 | 4        | Sabine    | Upper Turkey Creek Neighborhood Flooding     | Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.   | 04000007, 04000008 | Gregg, Rusk    | 12010002           | 120100020503   | Middle Sabine           | Project Planning   | 0               | Riverine        | Kilgore  | Kilgore                 | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000105 | 4        | Sabine    | Tammy Lynn Drive Neighborhood Flooding       | Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.   | 04000007, 04000008 | Gregg          | 12010002           | 120100020504, 120100020505   | Middle Sabine           | Project Planning   | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000106 | 4        | Sabine    | Upper Guthrie Creek Neighborhood Flooding    | Perform PER of the area for flood mitigation solution based on H&H analysis from Upper Sabine FIF study.   | 04000007, 04000008 | Gregg          | 12010002           | 120100020505   | Middle Sabine           | Project Planning   | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000107 | 4        | Sabine    | Harris Creek at US 80 Flooding               | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.  | 04000007, 04000008 | Gregg          | 12010002           | 120100020505   | Middle Sabine           | Project Planning   | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000108 | 4        | Sabine    | Grace Creek Flooding at US 80                | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.  | 04000007, 04000008 | Gregg          | 12010002           | 120100020505   | Middle Sabine           | Project Planning   | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000109 | 4        | Sabine    | Rabbit Creek at SH 42 Overtopping            | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.  | 04000007, 04000008 | Gregg          | 12010002           | 120100020502   | Middle Sabine           | Project Planning   | 0               | Riverine        | Kilgore  | Kilgore                 | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |

| FME ID    | RFPG No. | RFPG Name | FME Name                                    | Description   | Associated Goals   | Counties | HUC8s    | HUC12s                     | Watershed Name | Study Type       | FME Area (sqmi) | Flood Risk Type | Sponsor  | Entities with Oversight | Emergency Need | Estimated Study Cost | RFPG Recommendation | Reason for Recommendation |
|-----------|----------|-----------|---|---|--------------------|----------|----------|----------------------------|----------------|------------------|-----------------|-----------------|----------|-------------------------|----------------|----------------------|---------------------|---------------------------|
| 041000110 | 4        | Sabine    | US 281 Underpass                            | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020506, 120100020505 | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000111 | 4        | Sabine    | Judson Road Neighborhood Flooding           | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020505               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | Yes            | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000112 | 4        | Sabine    | SH 135 Underpass Flooding                   | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020502               | Middle Sabine  | Project Planning | 0               | Riverine        | Kilgore  | Kilgore                 | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000113 | 4        | Sabine    | Drake Blvd Neighborhood Flooding            | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020505               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000114 | 4        | Sabine    | HG Mosely Roadway Flooding                  | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020505               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000115 | 4        | Sabine    | Eden Drive Flooding                         | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020505               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000116 | 4        | Sabine    | Coushatta Hills Creek Neighborhood Flooding | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020505               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000117 | 4        | Sabine    | Grace Creek at Loop 281 Overtopping (South) | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020506, 120100020505 | Middle Sabine  | Project Planning | 1               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000118 | 4        | Sabine    | Whispering Pines Roadway Flooding           | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020505               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000119 | 4        | Sabine    | Eastman Road Flooding                       | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020601               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000120 | 4        | Sabine    | Florence Street Neighborhood Flooding       | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Rusk     | 12010002 | 120100020503               | Middle Sabine  | Project Planning | 0               | Riverine        | Kilgore  | Kilgore                 | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000121 | 4        | Sabine    | Grace Creek at Freemont Street Flooding     | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020505               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |

| FME ID    | RFPG No. | RFPG Name | FME Name                                      | Description   | Associated Goals   | Counties | HUC8s    | HUC12s                     | Watershed Name | Study Type       | FME Area (sqmi) | Flood Risk Type | Sponsor  | Entities with Oversight | Emergency Need | Estimated Study Cost | RFPG Recommendation | Reason for Recommendation |
|-----------|----------|-----------|---|---|--------------------|----------|----------|----------------------------|----------------|------------------|-----------------|-----------------|----------|-------------------------|----------------|----------------------|---------------------|---------------------------|
| 041000122 | 4        | Sabine    | Secretariat Trail Neighborhood Flooding       | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020505               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000123 | 4        | Sabine    | Lorraine Court Neighborhood Flooding          | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020505               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000124 | 4        | Sabine    | Rabbit Creek at SH 31 Overtopping             | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020506, 120100020502 | Middle Sabine  | Project Planning | 0               | Riverine        | Kilgore  | Kilgore                 | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000125 | 4        | Sabine    | US 259 and Remington Neighborhood Flooding    | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Rusk     | 12010002 | 120100020503               | Middle Sabine  | Project Planning | 0               | Riverine        | Kilgore  | Kilgore                 | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000126 | 4        | Sabine    | Harris Creek Local Road Flooding              | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020505               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000127 | 4        | Sabine    | Harley Ridge Road Flooding (South)            | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020504               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000128 | 4        | Sabine    | French Drive Neighborhood Flooding            | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020504               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000129 | 4        | Sabine    | Middle Guthrie Creek Flooding                 | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020505               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000130 | 4        | Sabine    | Upper Iron Bridge Creek Neighborhood Flooding | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020601, 120100020505 | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000131 | 4        | Sabine    | Lakeport Neighborhood Flooding                | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020601               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000132 | 4        | Sabine    | Oak Creek Tributary Neighborhood Flooding     | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020505               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000133 | 4        | Sabine    | S Whatley Road Flooding                       | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020504               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |

| FME ID    | RFPG No. | RFPG Name | FME Name                                 | Description   | Associated Goals   | Counties | HUC8s    | HUC12s       | Watershed Name | Study Type       | FME Area (sqmi) | Flood Risk Type | Sponsor  | Entities with Oversight | Emergency Need | Estimated Study Cost | RFPG Recommendation | Reason for Recommendation |
|-----------|----------|-----------|--|---|--------------------|----------|----------|--------------|----------------|------------------|-----------------|-----------------|----------|-------------------------|----------------|----------------------|---------------------|---------------------------|
| 041000134 | 4        | Sabine    | Grace Creek at Highway 31 Flooding       | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020505 | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000135 | 4        | Sabine    | Rockwall Drive Neighborhood Flooding     | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020505 | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000136 | 4        | Sabine    | Sabine Street and Railroad Flooding      | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020505 | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000137 | 4        | Sabine    | Hawkins Creek Tributary Flooding         | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020504 | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000138 | 4        | Sabine    | Coleman Drive Neighborhood Flooding      | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020505 | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000139 | 4        | Sabine    | Rabbit Creek at SH 135 Overtopping       | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020502 | Middle Sabine  | Project Planning | 0               | Riverine        | Kilgore  | Kilgore                 | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000140 | 4        | Sabine    | Grace Creek at HG Mosley Flooding        | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020505 | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000141 | 4        | Sabine    | Grace Creek at Loop 281 Flooding (North) | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020505 | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000142 | 4        | Sabine    | Circle Road Neighborhood Flooding        | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Harrison | 12010002 | 120100020601 | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000143 | 4        | Sabine    | N Whatley Road Flooding                  | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020504 | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000144 | 4        | Sabine    | Meadowbrook Neighborhood Flooding        | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Rusk     | 12010002 | 120100020501 | Middle Sabine  | Project Planning | 0               | Riverine        | Kilgore  | Kilgore                 | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000145 | 4        | Sabine    | Hill Street Flooding                     | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020505 | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |

| FME ID    | RFPG No. | RFPG Name | FME Name                                    | Description   | Associated Goals   | Counties    | HUC8s    | HUC12s       | Watershed Name | Study Type       | FME Area (sqmi) | Flood Risk Type | Sponsor  | Entities with Oversight | Emergency Need | Estimated Study Cost | RFPG Recommendation | Reason for Recommendation |
|-----------|----------|-----------|---|---|--------------------|-------------|----------|--------------|----------------|------------------|-----------------|-----------------|----------|-------------------------|----------------|----------------------|---------------------|---------------------------|
| 041000146 | 4        | Sabine    | Rabbit Creek at SH Fairmont Street Flooding | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg       | 12010002 | 120100020502 | Middle Sabine  | Project Planning | 0               | Riverine        | Kilgore  | Kilgore                 | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000147 | 4        | Sabine    | Lynnwood Street Neighborhood Flooding       | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg       | 12010002 | 120100020505 | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000148 | 4        | Sabine    | Harley Ridge Overtopping (North)            | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg       | 12010002 | 120100020504 | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000149 | 4        | Sabine    | Rolling Meadows Neighborhood Flooding       | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg       | 12010002 | 120100020506 | Middle Sabine  | Project Planning | 0               | Riverine        | Kilgore  | Kilgore                 | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000150 | 4        | Sabine    | Lake Lamond                                 | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg       | 12010002 | 120100020505 | Middle Sabine  | Project Planning | 1               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000151 | 4        | Sabine    | Evergreen Street Overtopping                | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg       | 12010002 | 120100020505 | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000152 | 4        | Sabine    | Higginbotham Road Neighborhood Flooding     | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg       | 12010002 | 120100020503 | Middle Sabine  | Project Planning | 0               | Riverine        | Kilgore  | Kilgore                 | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000153 | 4        | Sabine    | Meadowview Road Flooding                    | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg       | 12010002 | 120100020504 | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000154 | 4        | Sabine    | White Street Neighborhood Flooding          | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg, Rusk | 12010002 | 120100020503 | Middle Sabine  | Project Planning | 0               | Riverine        | Kilgore  | Kilgore                 | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000155 | 4        | Sabine    | Airline Road Overtopping                    | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg       | 12010002 | 120100020505 | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000156 | 4        | Sabine    | Patio Street Neighborhood Flooding          | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg       | 12010002 | 120100020505 | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000157 | 4        | Sabine    | Old Gladewater Highway Overtopping          | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg       | 12010002 | 120100020502 | Middle Sabine  | Project Planning | 0               | Riverine        | Kilgore  | Kilgore                 | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |

| FME ID    | RFPG No. | RFPG Name | FME Name                                   | Description   | Associated Goals   | Counties | HUC8s    | HUC12s                     | Watershed Name | Study Type       | FME Area (sqmi) | Flood Risk Type | Sponsor  | Entities with Oversight | Emergency Need | Estimated Study Cost | RFPG Recommendation | Reason for Recommendation |
|-----------|----------|-----------|--|---|--------------------|----------|----------|----------------------------|----------------|------------------|-----------------|-----------------|----------|-------------------------|----------------|----------------------|---------------------|---------------------------|
| 041000158 | 4        | Sabine    | Ray Creek at Piller Precise Rd Overtopping | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020505               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000159 | 4        | Sabine    | Cassidy Lane Overtopping                   | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Rusk     | 12010002 | 120100020506               | Middle Sabine  | Project Planning | 0               | Riverine        | Kilgore  | Kilgore                 | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000160 | 4        | Sabine    | County Road 1114 Overtopping               | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Rusk     | 12010002 | 120100020501, 120100020502 | Middle Sabine  | Project Planning | 0               | Riverine        | Rusk     | Rusk                    | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000161 | 4        | Sabine    | Mitchell Lake Outfall                      | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020601               | Middle Sabine  | Project Planning | 0               | Riverine        | Lakeport | Lakeport                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000162 | 4        | Sabine    | County Road 1115 Overtopping               | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Rusk     | 12010002 | 120100020502               | Middle Sabine  | Project Planning | 0               | Riverine        | Rusk     | Rusk                    | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000163 | 4        | Sabine    | County Road 138 Overtopping                | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Rusk     | 12010002 | 120100020501               | Middle Sabine  | Project Planning | 0               | Riverine        | Rusk     | Rusk                    | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000164 | 4        | Sabine    | County Road 1110 Overtopping               | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Rusk     | 12010002 | 120100020501               | Middle Sabine  | Project Planning | 0               | Riverine        | Rusk     | Rusk                    | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000165 | 4        | Sabine    | Grace Creek at Hawkins Pkwy Flooding       | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020505               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000166 | 4        | Sabine    | FM 3053/1639 Flooding                      | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Rusk     | 12010002 | 120100020501               | Middle Sabine  | Project Planning | 1               | Riverine        | Kilgore  | Kilgore                 | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000167 | 4        | Sabine    | McCann Creek Road Overtopping              | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020505               | Middle Sabine  | Project Planning | 0               | Riverine        | Longview | Longview                | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000168 | 4        | Sabine    | Meadows Lane Flooding                      | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020506               | Middle Sabine  | Project Planning | 0               | Riverine        | Kilgore  | Kilgore                 | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000169 | 4        | Sabine    | McKay Street Overtopping                   | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Rusk     | 12010002 | 120100020501               | Middle Sabine  | Project Planning | 0               | Riverine        | Overton  | Overton                 | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |

| FME ID    | RFPG No. | RFPG Name | FME Name  | Description   | Associated Goals   | Counties | HUC8s    | HUC12s                     | Watershed Name | Study Type       | FME Area (sqmi) | Flood Risk Type | Sponsor   | Entities with Oversight | Emergency Need | Estimated Study Cost | RFPG Recommendation | Reason for Recommendation |
|-----------|----------|-----------|---|---|--------------------|----------|----------|----------------------------|----------------|------------------|-----------------|-----------------|-----------|-------------------------|----------------|----------------------|---------------------|---------------------------|
| 041000170 | 4        | Sabine    | FM 3053 Overtopping                             | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Rusk     | 12010002 | 120100020501               | Middle Sabine  | Project Planning | 0               | Riverine        | Rusk      | Rusk                    | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000171 | 4        | Sabine    | Hawkins Creek at George Richey Road Overtopping | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020504               | Middle Sabine  | Project Planning | 0               | Riverine        | White Oak | White Oak               | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000172 | 4        | Sabine    | Denman Road Overtopping                         | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Smith    | 12010002 | 120100020501               | Middle Sabine  | Project Planning | 0               | Riverine        | Smith     | Smith                   | No             | \$75,000             | #REF!               | #REF!                     |
| 041000174 | 4        | Sabine    | County Road 146 Overtopping                     | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Rusk     | 12010002 | 120100020501               | Middle Sabine  | Project Planning | 0               | Riverine        | Rusk      | Rusk                    | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000175 | 4        | Sabine    | Rabbit Creek at Spinks Chapman Overtopping      | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020506               | Middle Sabine  | Project Planning | 0               | Riverine        | Kilgore   | Kilgore                 | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000176 | 4        | Sabine    | Jamestown Road Overtopping                      | _15   | 04000007, 04000008 | Smith    | 12010002 | 120100020501               | Middle Sabine  | Project Planning | 0               | Riverine        | Kilgore   | Kilgore                 | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |
| 041000177 | 4        | Sabine    | Bighead Creek at US 259 Flooding                | Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives. | 04000007, 04000008 | Gregg    | 12010002 | 120100020502, 120100020503 | Middle Sabine  | Project Planning | 0               | Riverine        | Kilgore   | Kilgore                 | No             | \$75,000             | Yes                 | Aligns with RFPG Goals    |

Table 16: Recommended Flood Mitigation Projects Identified by RFPG

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table 5B-1: Model Coverage

| Model ID     | Model Name                | Model Description  | RFPG Number | RFPG Name | Model Type | Model Software | Software Version | Last Updated |
|--------------|---------------------------|--|-------------|-----------|------------|----------------|------------------|--------------|
| 040000000002 | Hunt County FIF           | Hydraulic and Hydrologic model of Hunt County  | 4           | Sabine    | Hydraulic  | HEC-RAS        | 6.3.1            | 2023-05-31   |
| 040000000003 | Kilgore SWMM              | SWMM model of Kilgore storm drain system   | 4           | Sabine    | Hydraulic  | SWMM           | 5.0.018          | 2023-05-31   |
| 040000000004 | Parker Creek Corridor     | Hydraulic and Hydrologic model of Parker Creek through Marshall  | 4           | Sabine    | Hydraulic  | HEC-RAS        | 6.3.1            | 2023-05-31   |
| 040000000005 | Orange County Task 12     | Hydraulic and Hydrologic model of Cow Bayou, Adams Bayou, Little Cypress Creek, Cole Creek, Sandy Creek, and Terry Gully | 4           | Sabine    | Hydraulic  | HEC-RAS        | 6.3.1            | 2023-05-31   |
| 040000000006 | Kaufman County FIF        | Hydraulic and Hydrologic model of Kaufman County   | 4           | Sabine    | Hydraulic  | HEC-RAS        | 6.3.1            | 2023-05-31   |
| 040000000007 | Turkey Bighead Stone Road | Hydraulic and Hydrologic model of Kilgore  | 4           | Sabine    | Hydraulic  | HEC-RAS        | 6.3.1            | 2023-05-31   |
| 040000000008 | Harris Creek Tributary    | Hydraulic and Hydrologic model of Longview   | 4           | Sabine    | Hydraulic  | HEC-RAS        | 6.3.1            | 2023-05-31   |
| 040000000009 | Iron Bridge Creek         | Hydraulic and Hydrologic model of Longview   | 4           | Sabine    | Hydraulic  | HEC-RAS        | 6.3.1            | 2023-05-31   |

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

**APPENDIX 5-C  
ONE PAGE SUMMARIES**

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# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

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

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

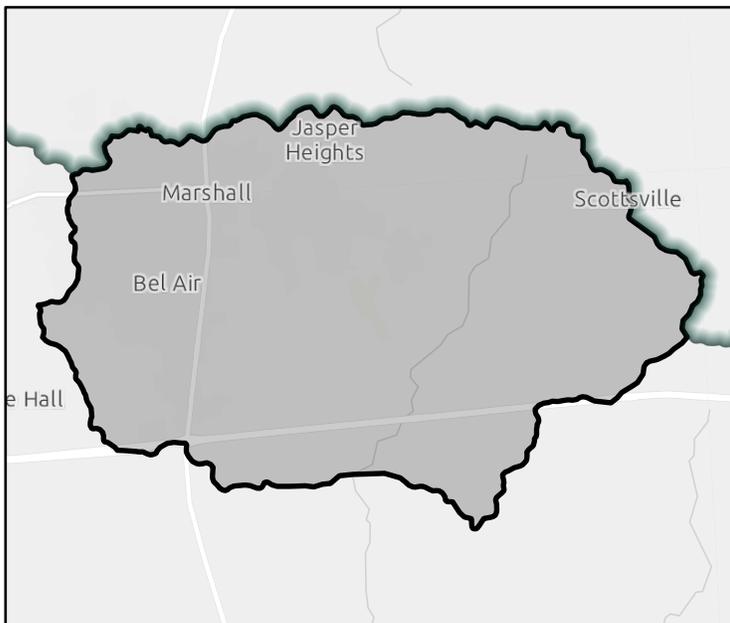
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

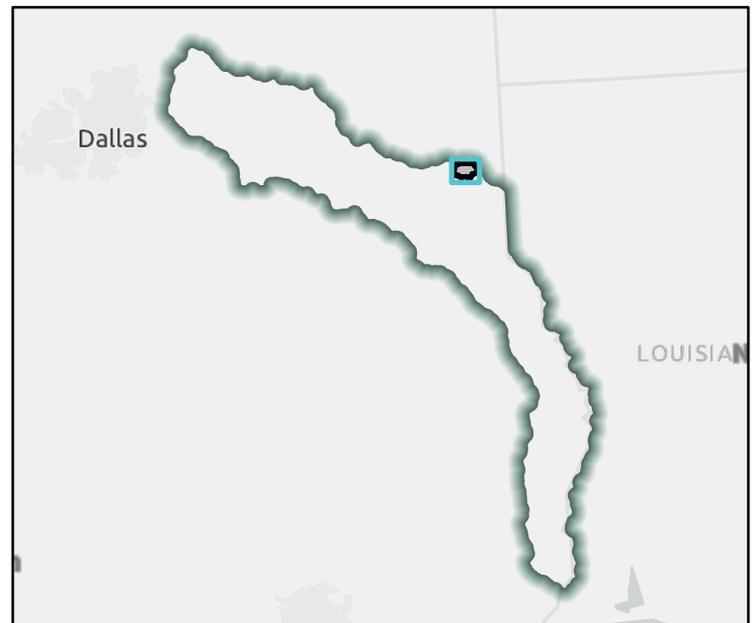
# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Yes Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

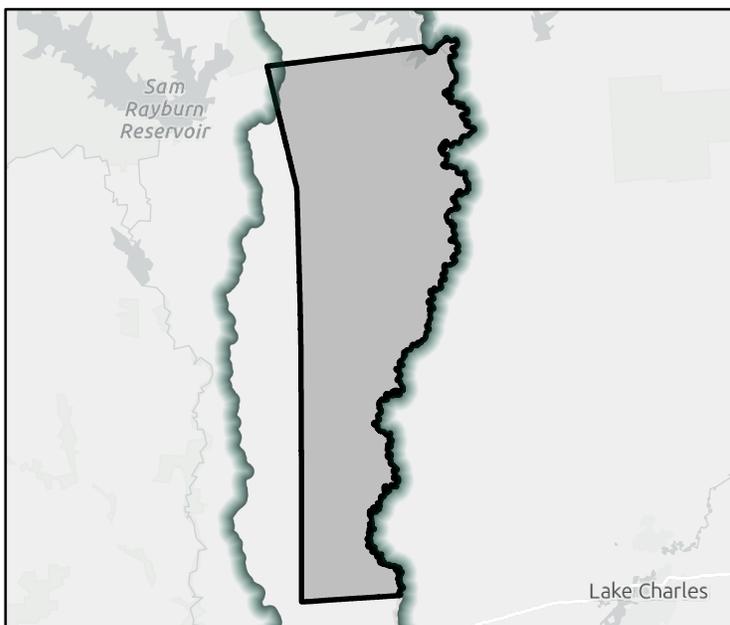
Flood risk type: Riverine?  Yes Coastal?  Yes Local Flooding?  No Other?  No

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

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

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

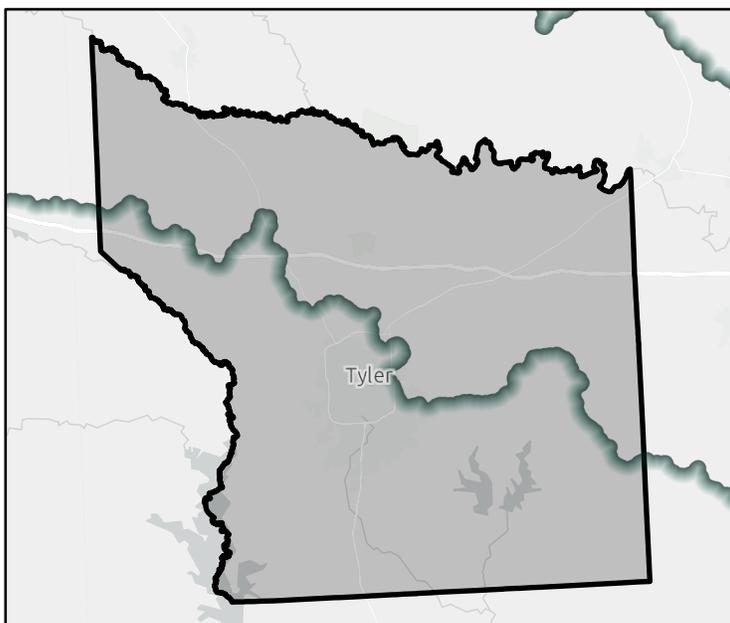
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

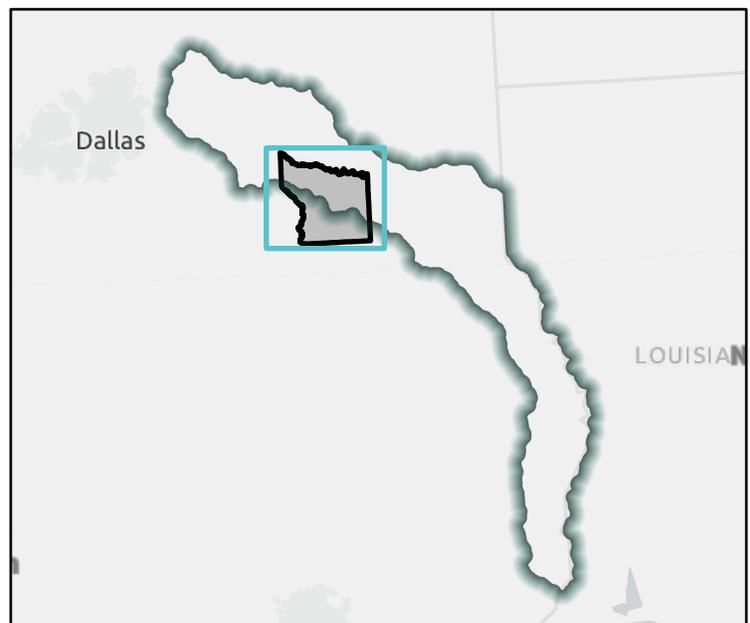
# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

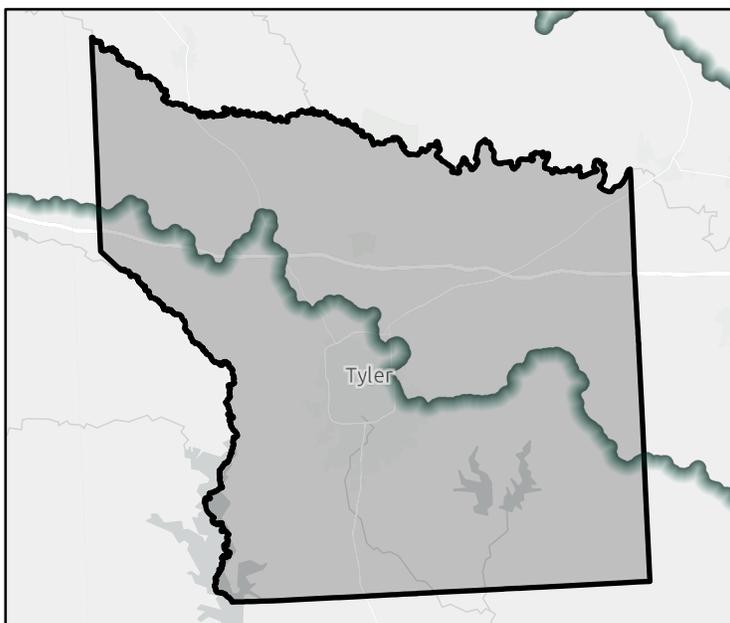
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

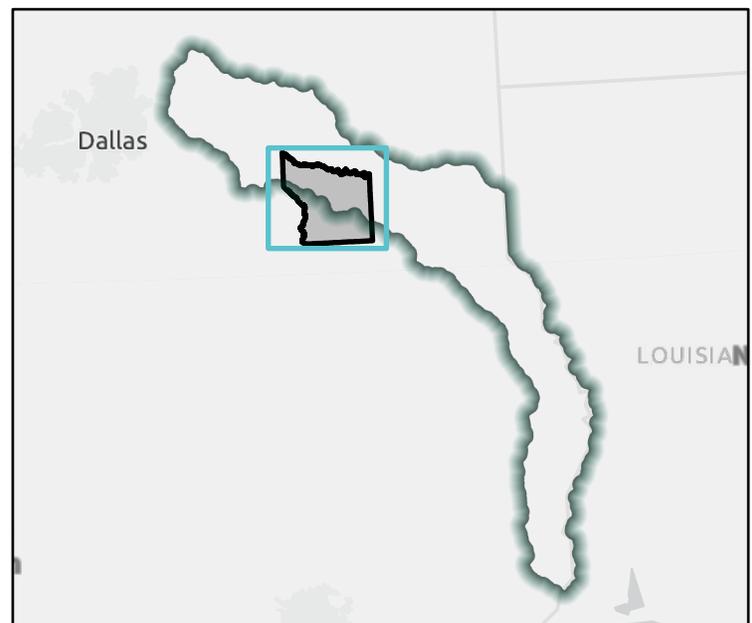
# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Yes Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

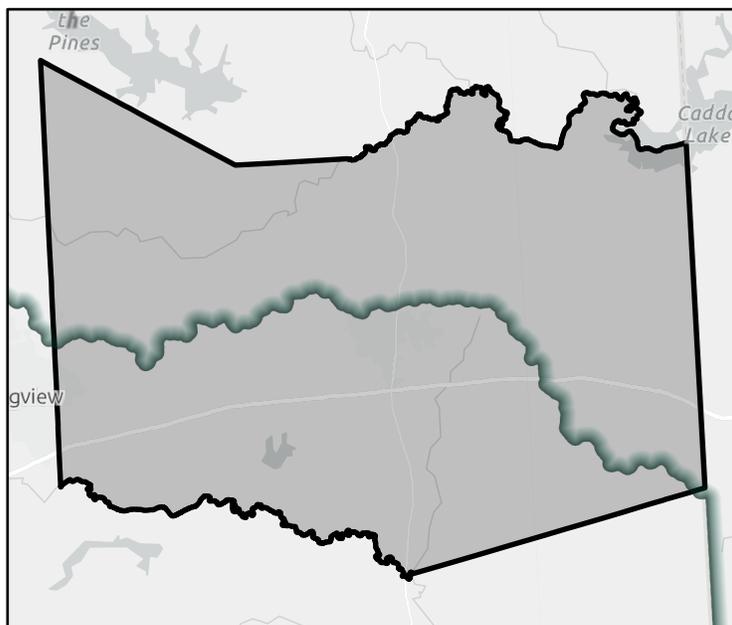
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

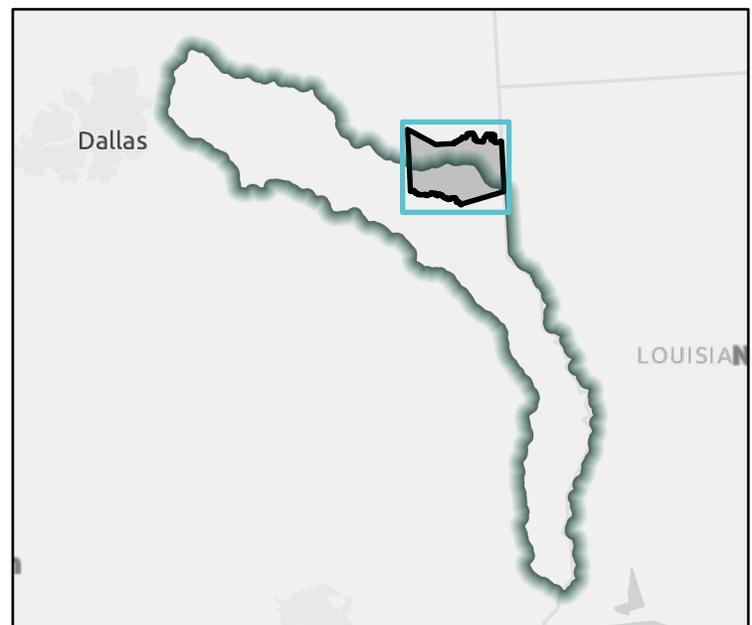
# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Yes Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

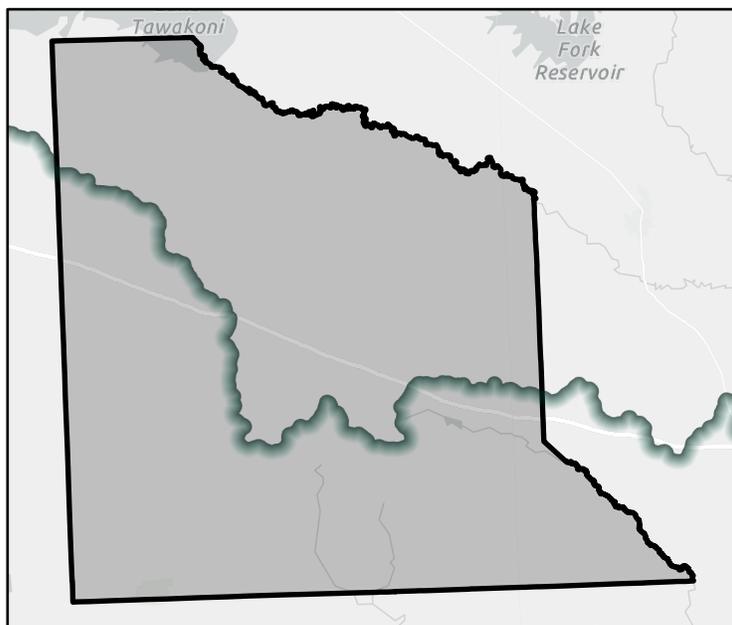
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

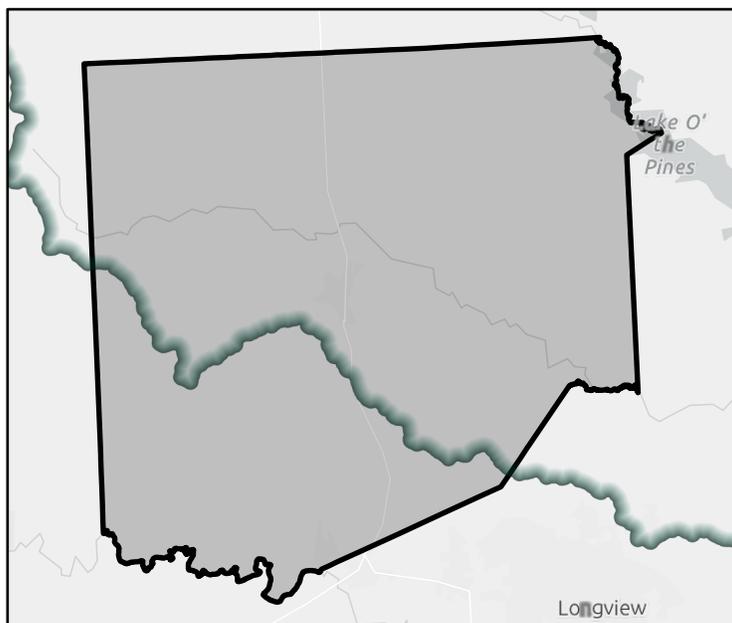
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title Sabine County Flood Hazard Mapping

ID# 041000008 Sponsor Sabine (County)

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

## Study Details

Study type Watershed Planning County Sabine

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

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

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

## 100-Year Flood Risk Summary

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

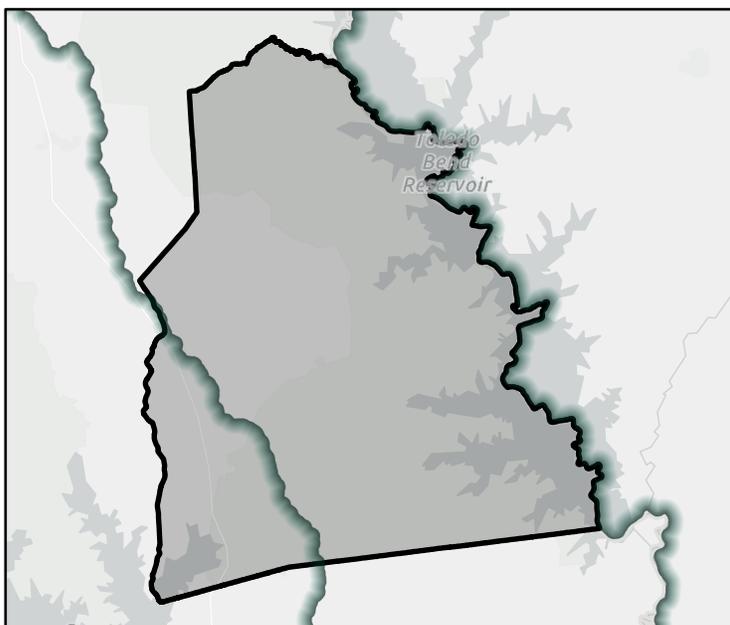
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

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

# of low water crossings 6 # of historical road closures 6

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



Title Sabine County Drainage Master Plan

ID# 041000009 Sponsor Sabine (County)

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

## Study Details

Study type Watershed Planning County Sabine

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

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

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

## 100-Year Flood Risk Summary

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

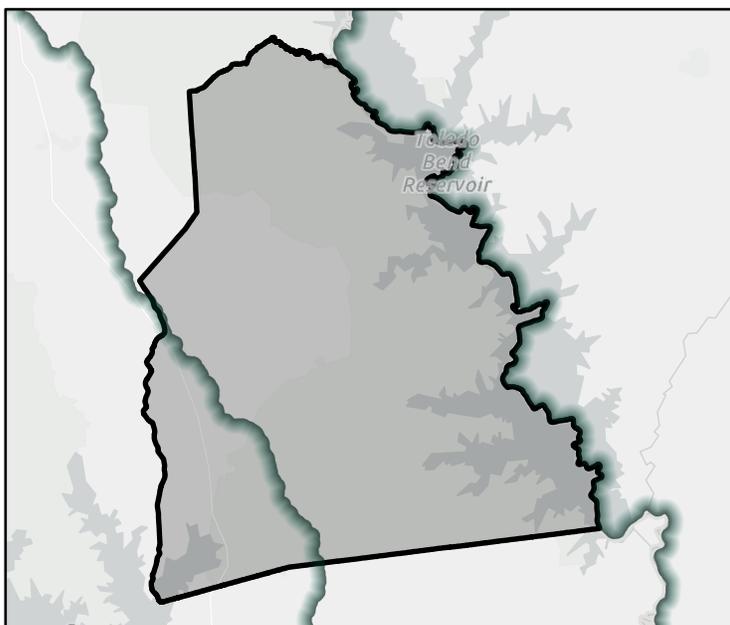
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

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

# of low water crossings 6 # of historical road closures 6

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

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

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

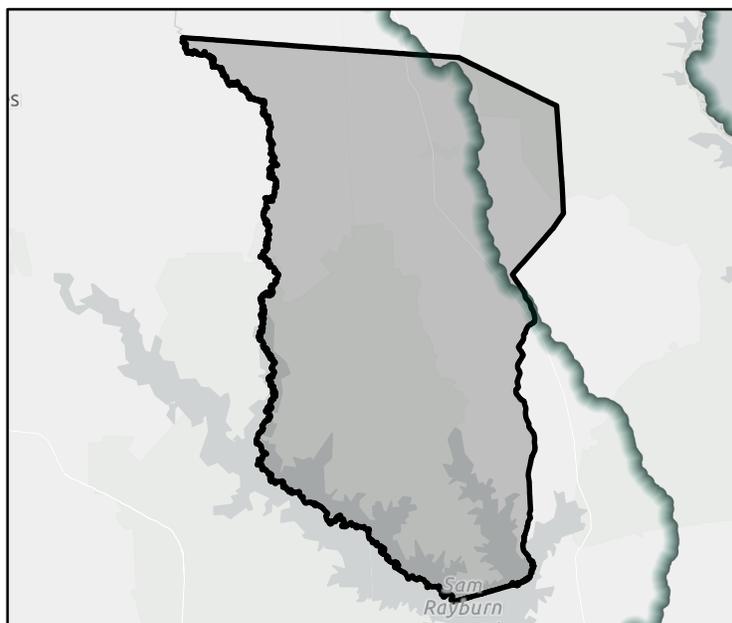
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

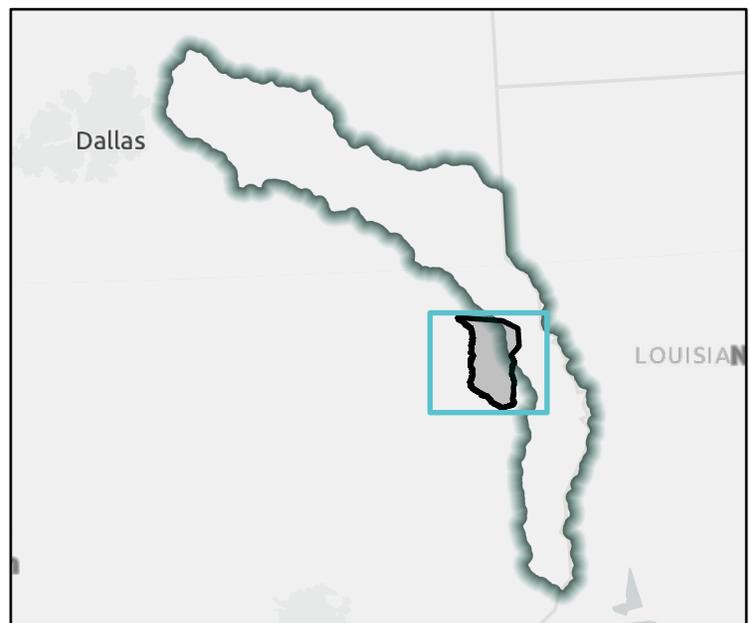
# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

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

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

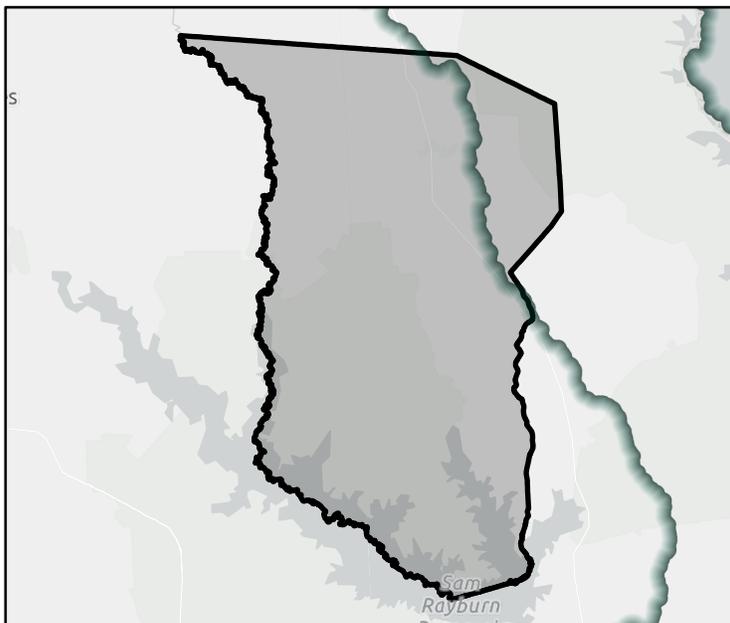
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



Title

ID#  Sponsor

Recommended by RFPG?  Yes Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

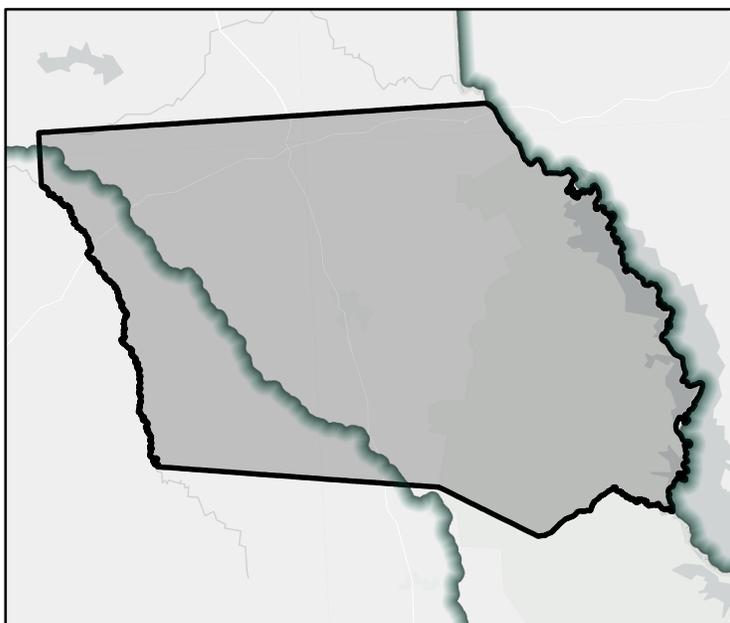
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

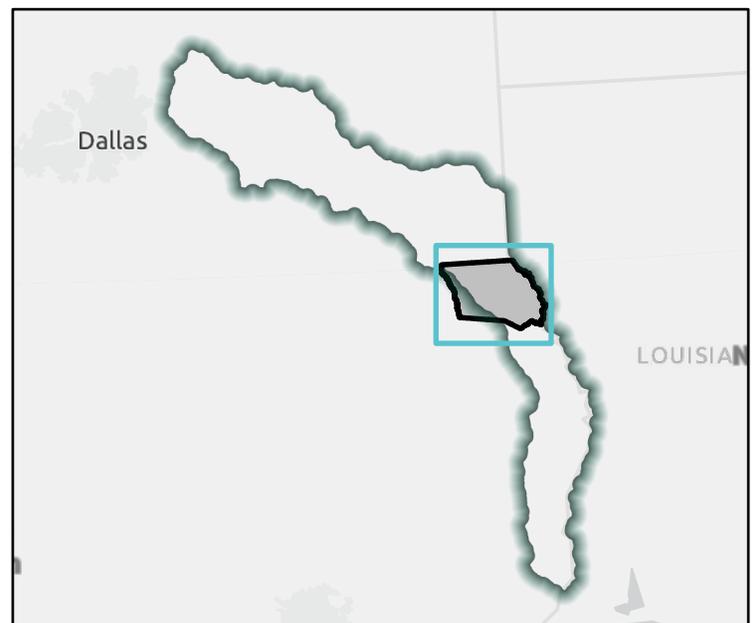
# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



Title

ID#  Sponsor

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

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

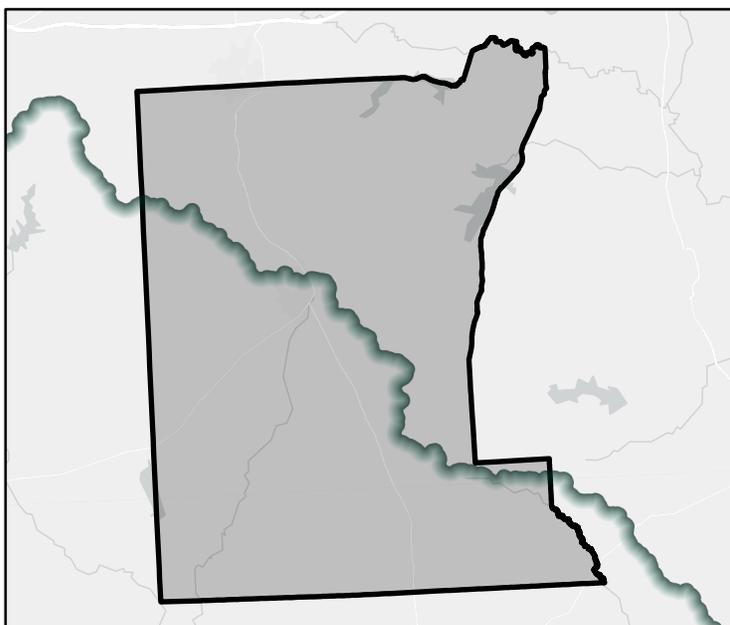
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

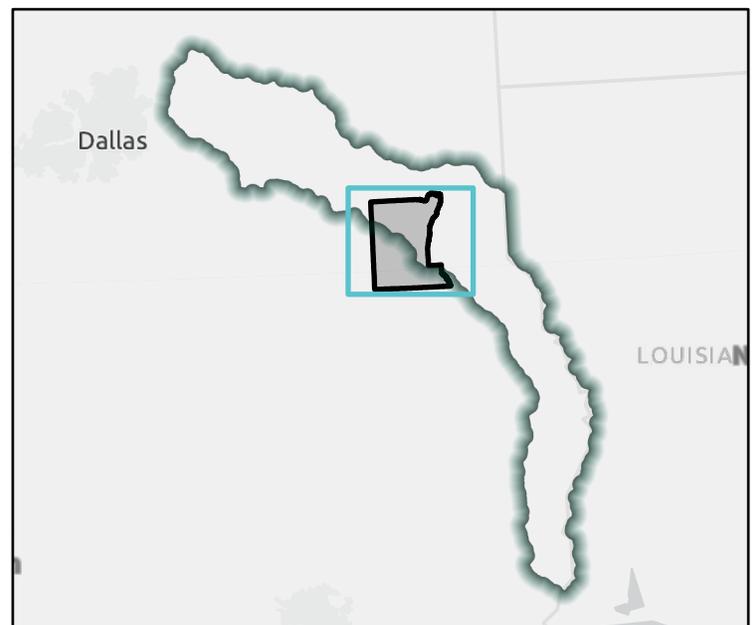
# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

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

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

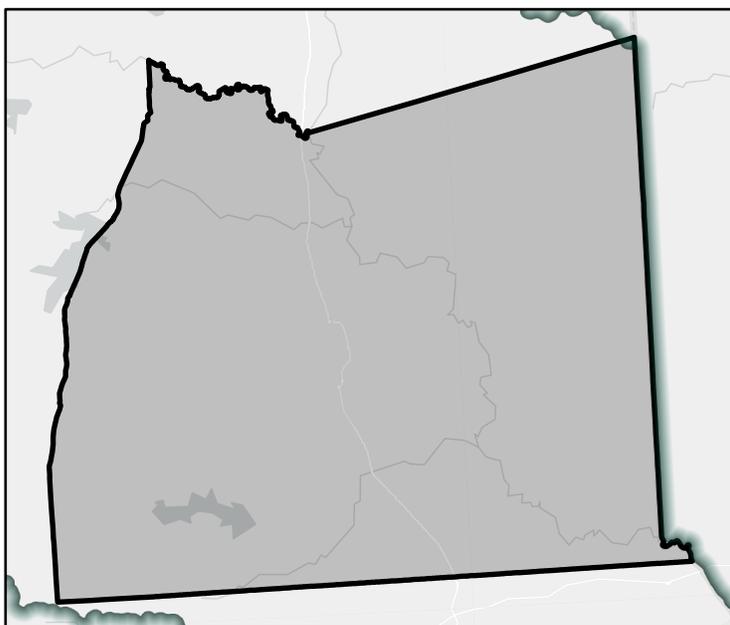
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

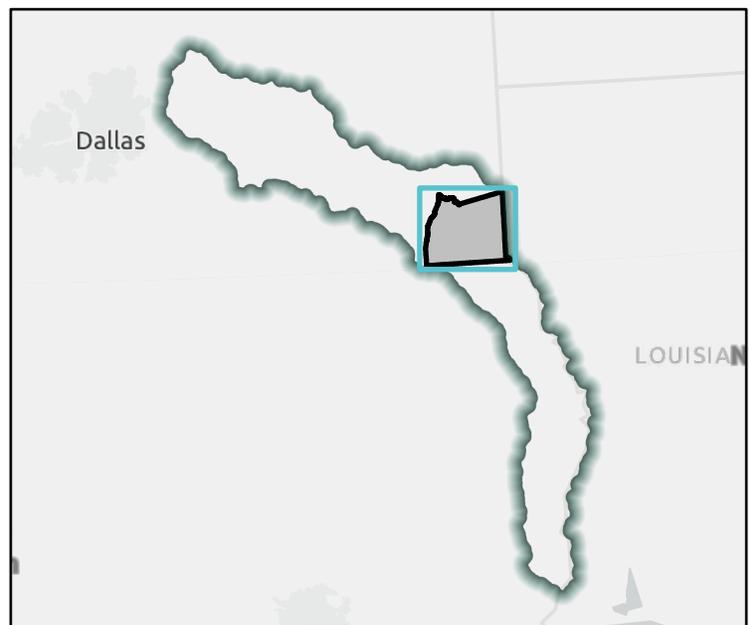
# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Yes Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

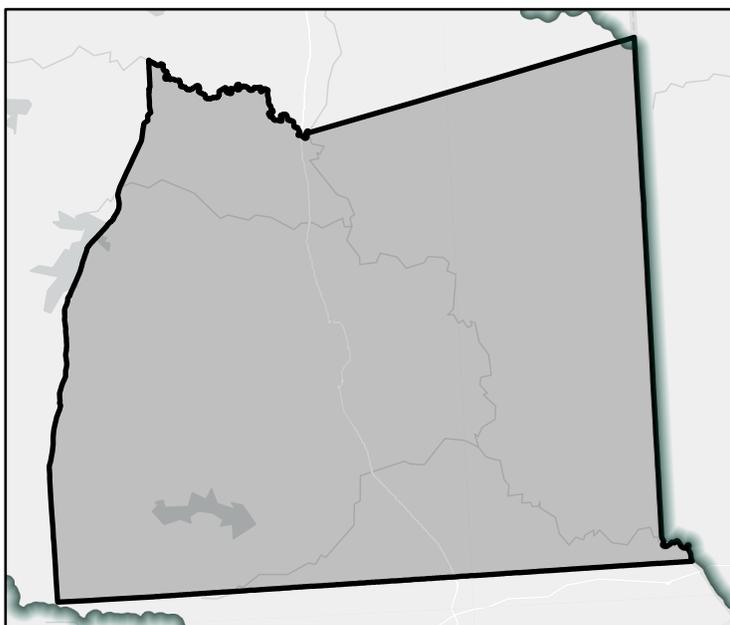
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

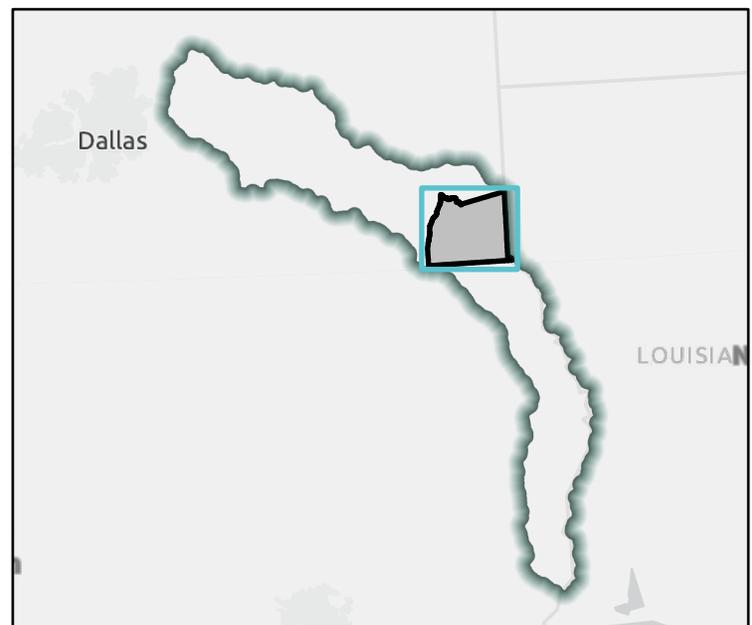
# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

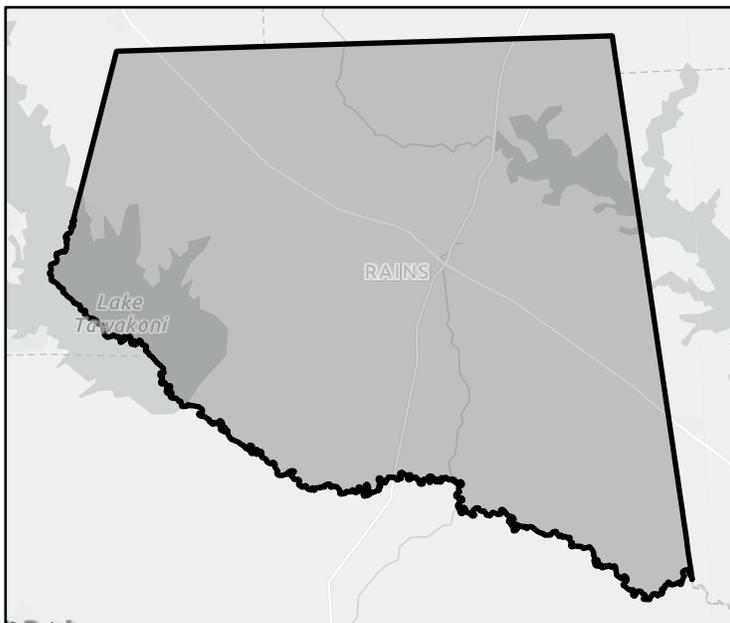
Flood risk type: Riverine?  Coastal?  No Local Flooding?  No Other?  No

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

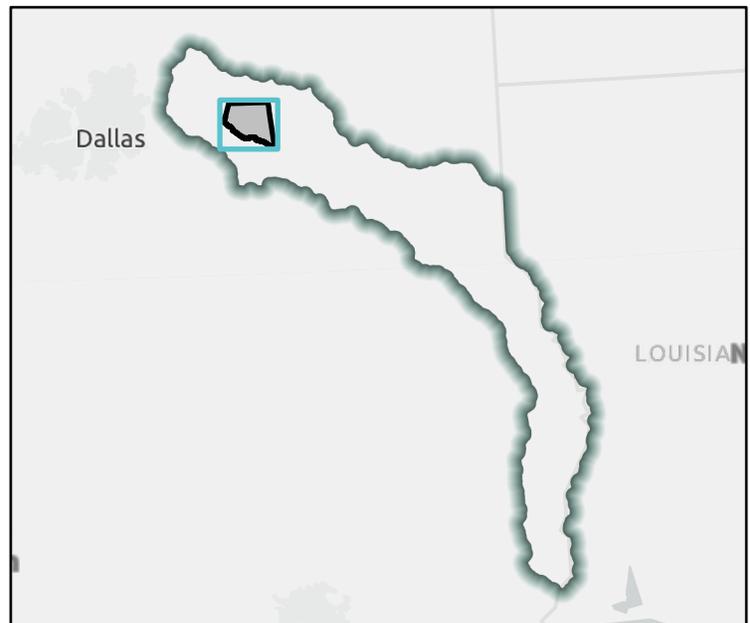
# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

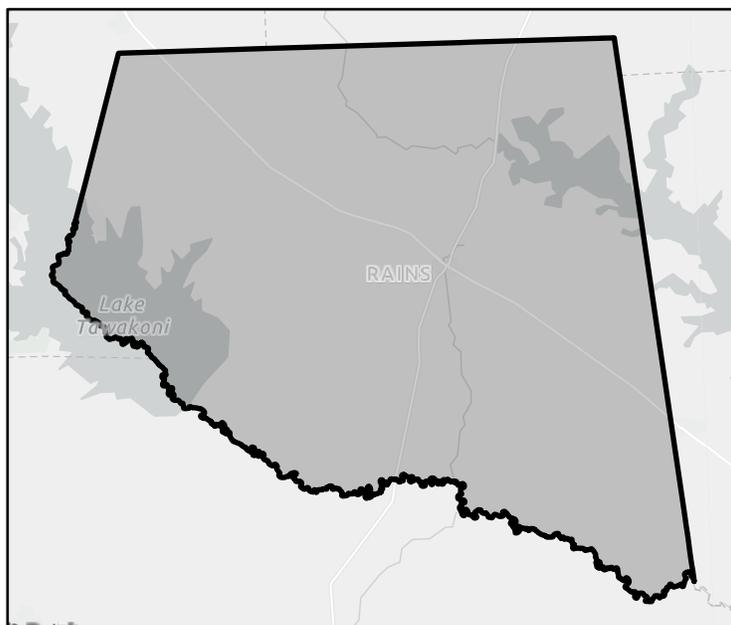
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

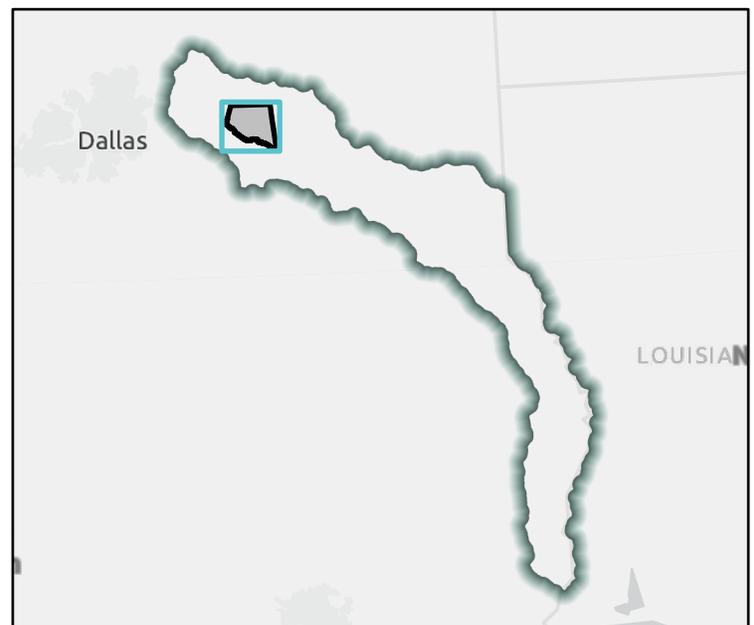
# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Yes Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

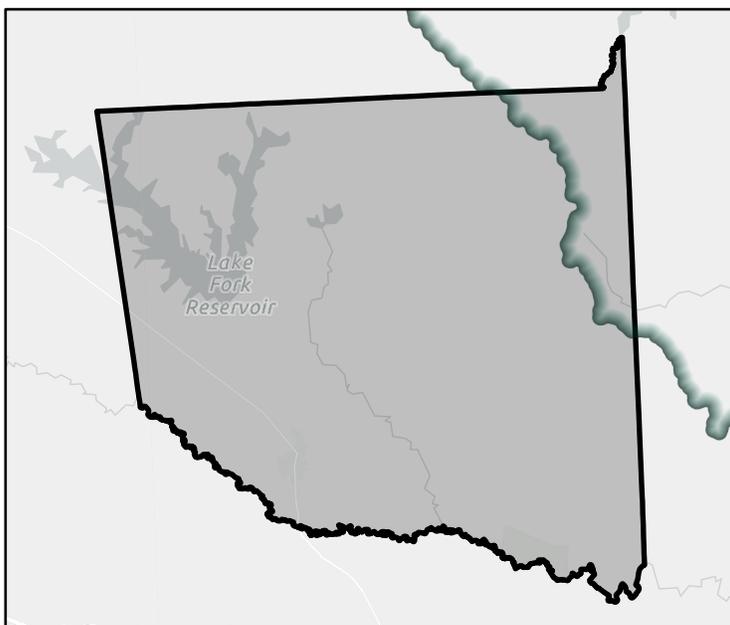
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

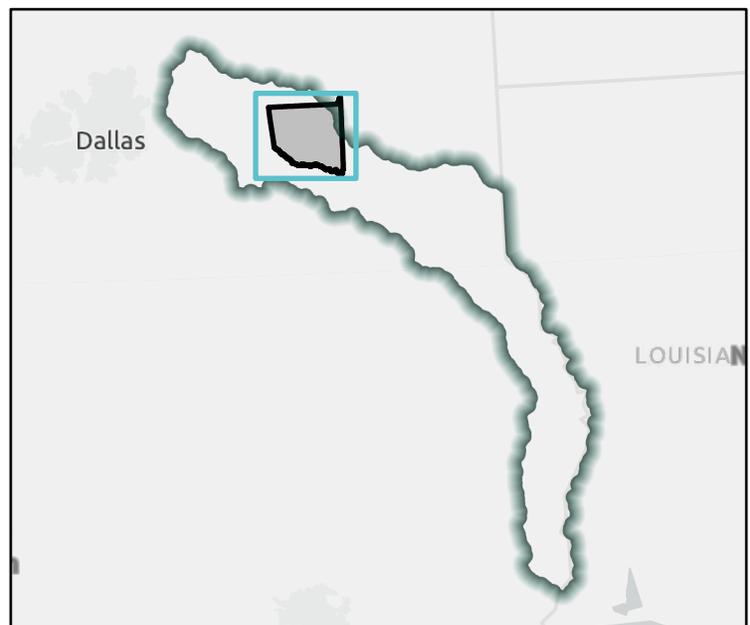
# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title Hopkins County Flood Hazard Mapping

ID# 041000019 Sponsor Hopkins (County)

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

## Study Details

Study type Watershed Planning County Wood,Hopkins,Franklin

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

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

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

## 100-Year Flood Risk Summary

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

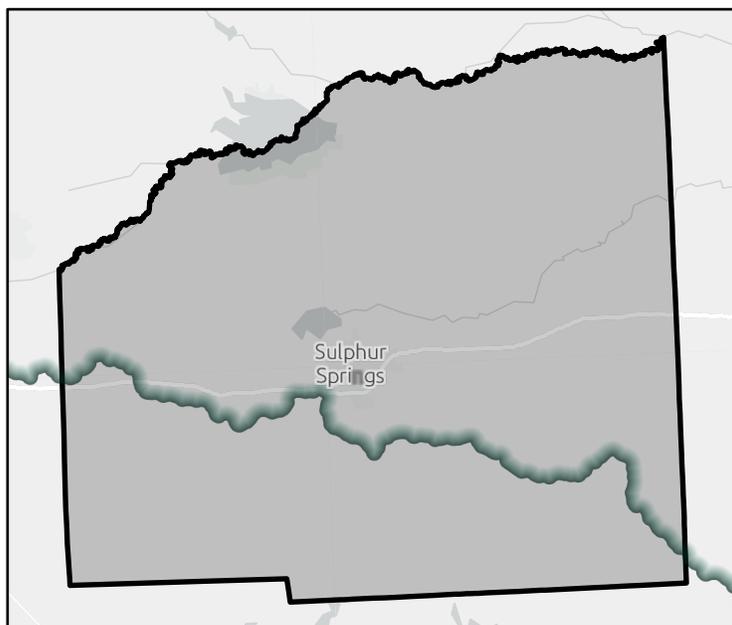
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

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

# of low water crossings 5 # of historical road closures 5

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



Title

ID#  Sponsor

Recommended by RFPG?  Yes Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

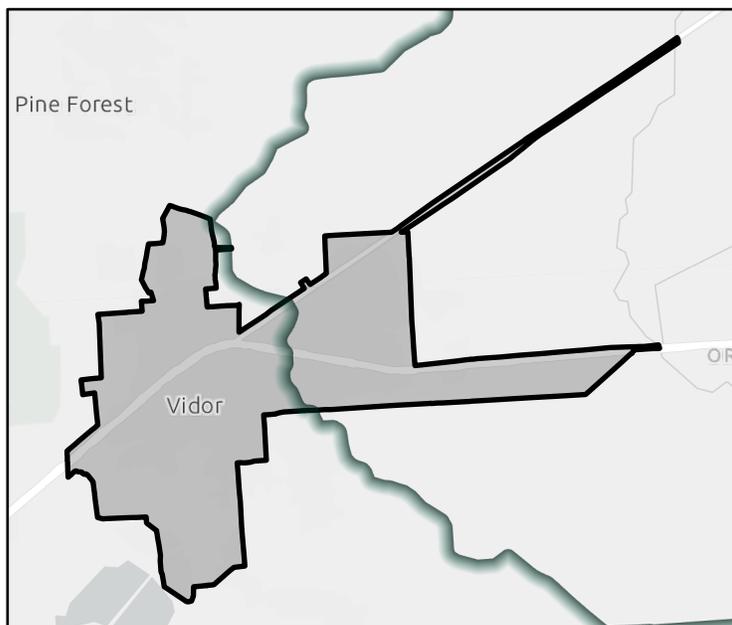
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

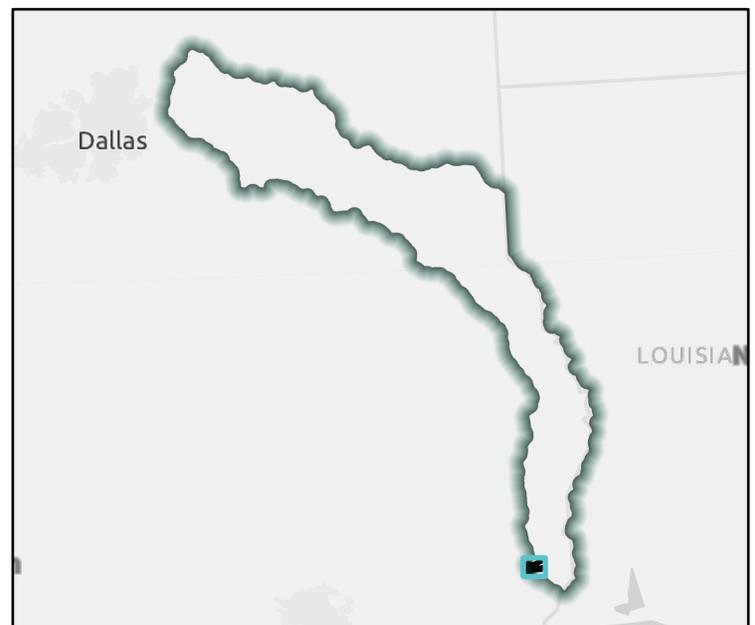
# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

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

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

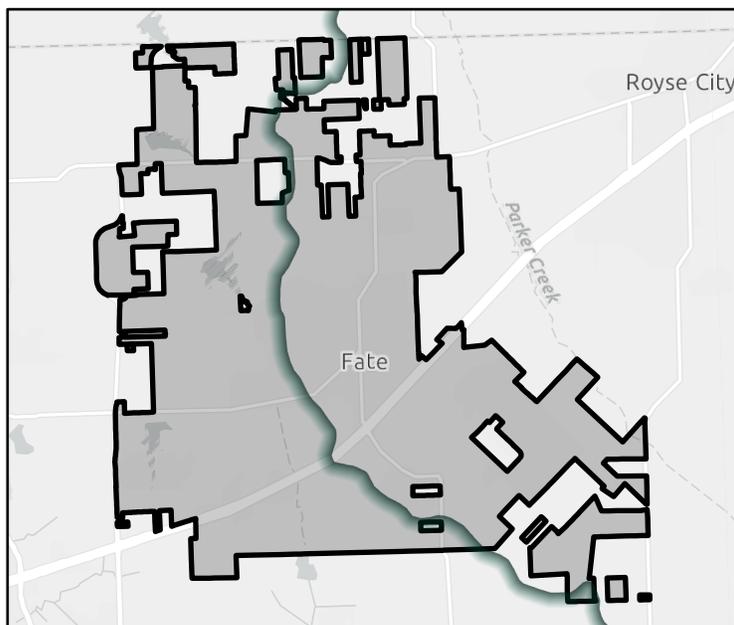
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

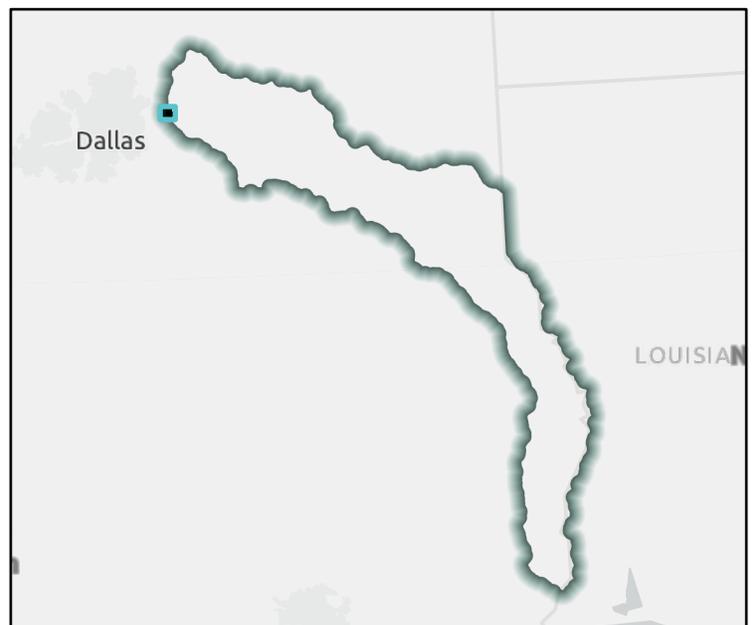
# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

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

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

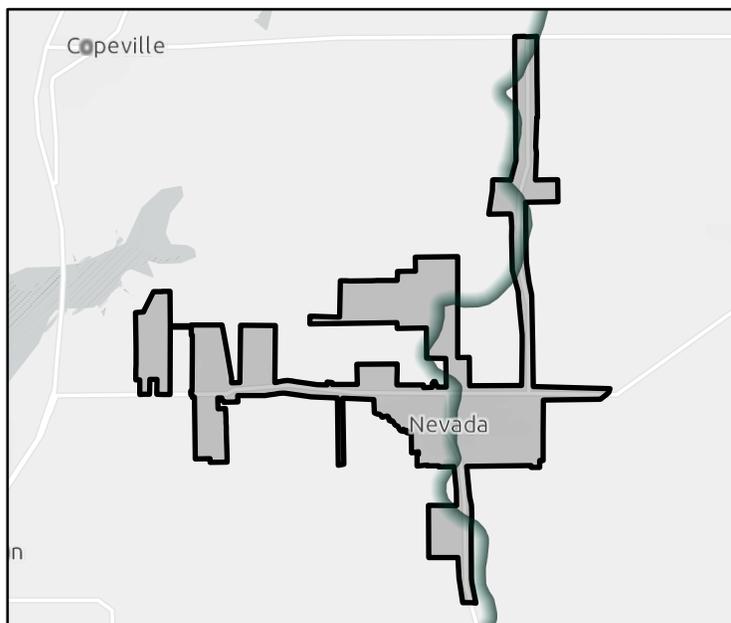
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

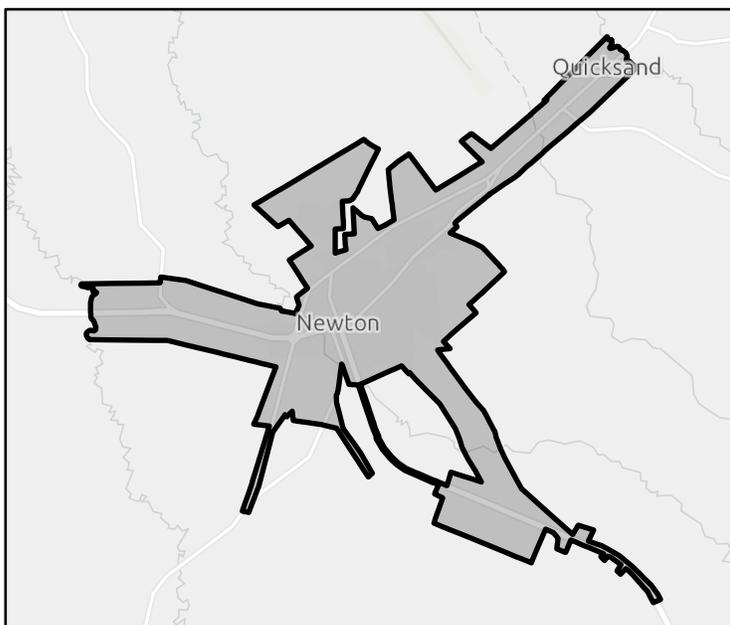
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

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

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

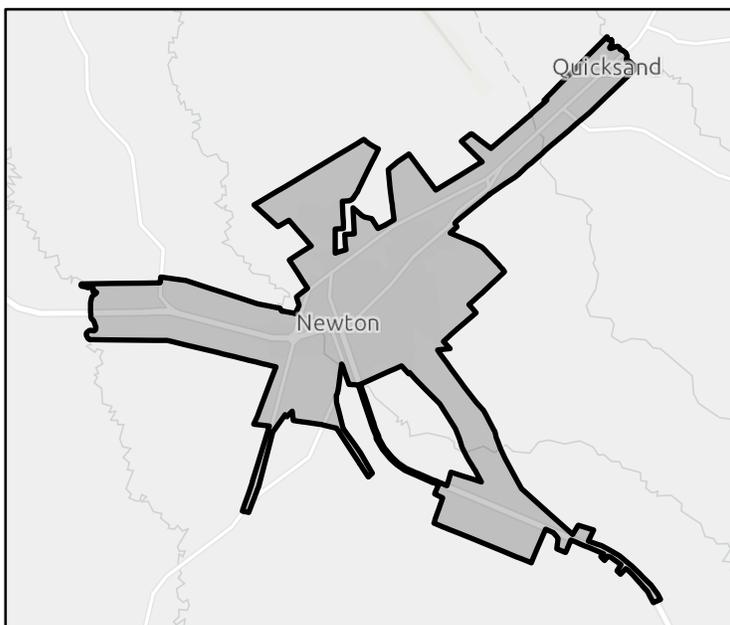
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

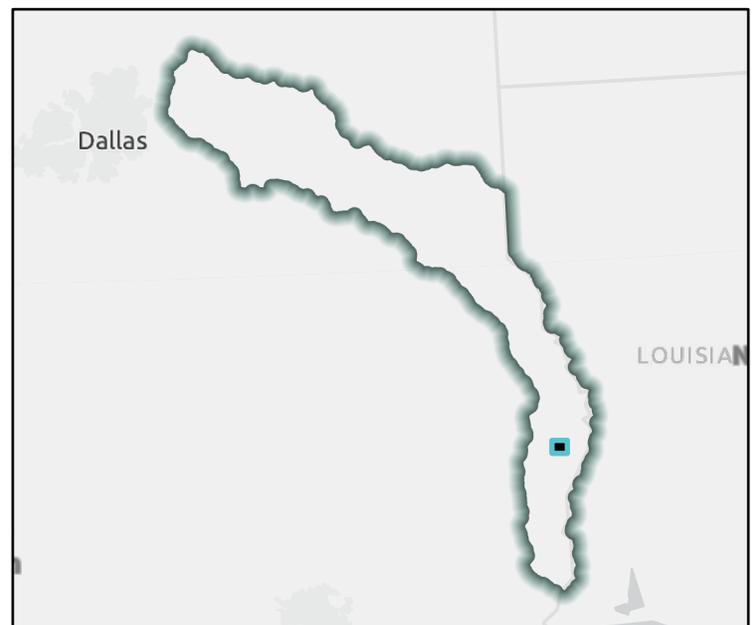
# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

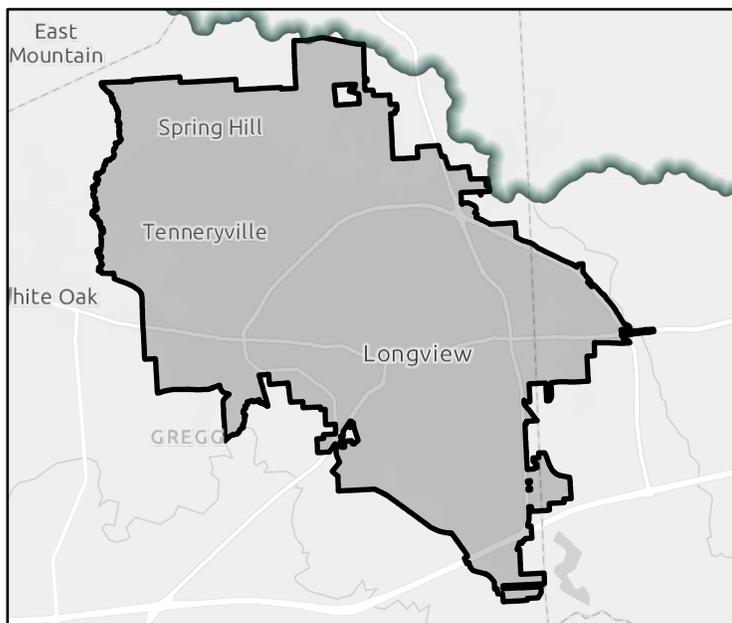
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

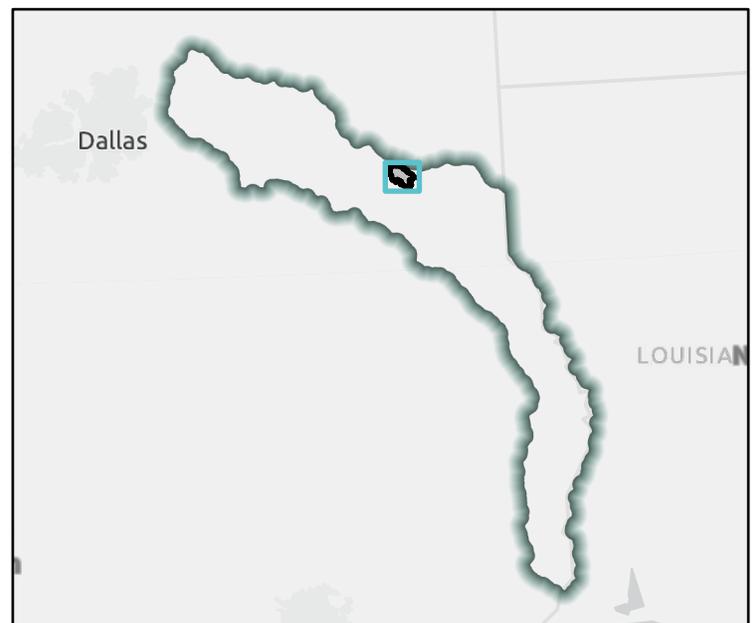
# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

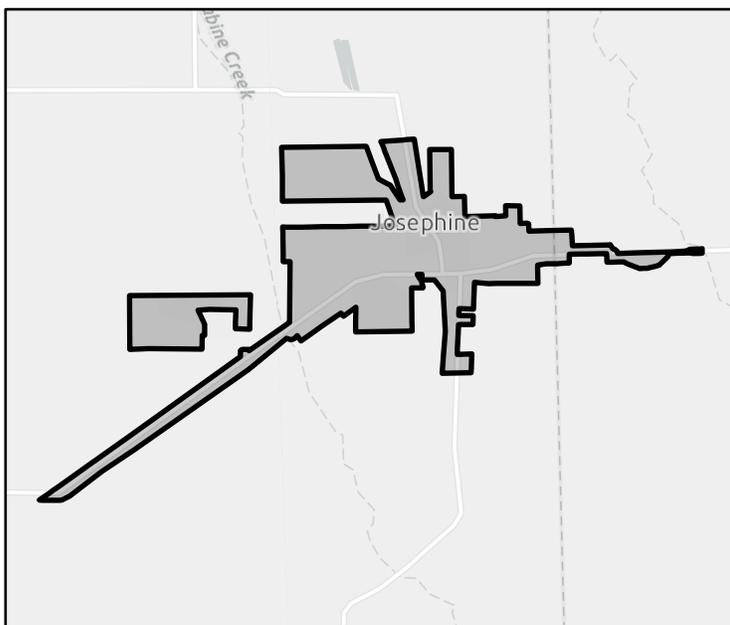
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

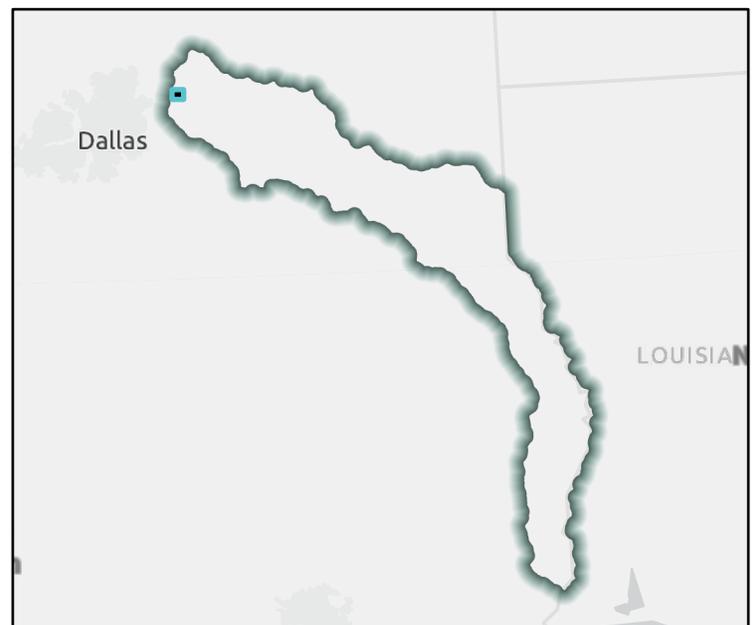
# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



Title Kirbyville Drainage Master Plan

ID# 041000027 Sponsor Kirbyville (Municipality)

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

## 100-Year Flood Risk Summary

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

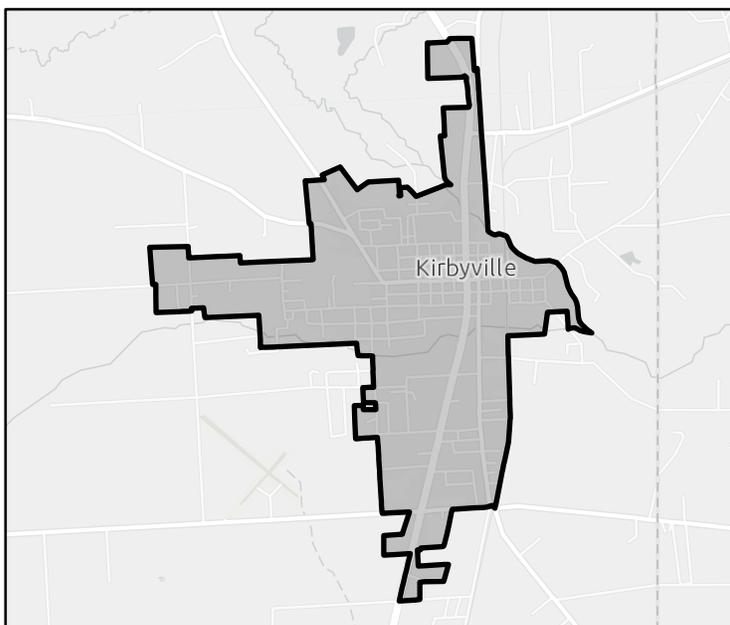
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

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 -



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



Title

ID#  Sponsor

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

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

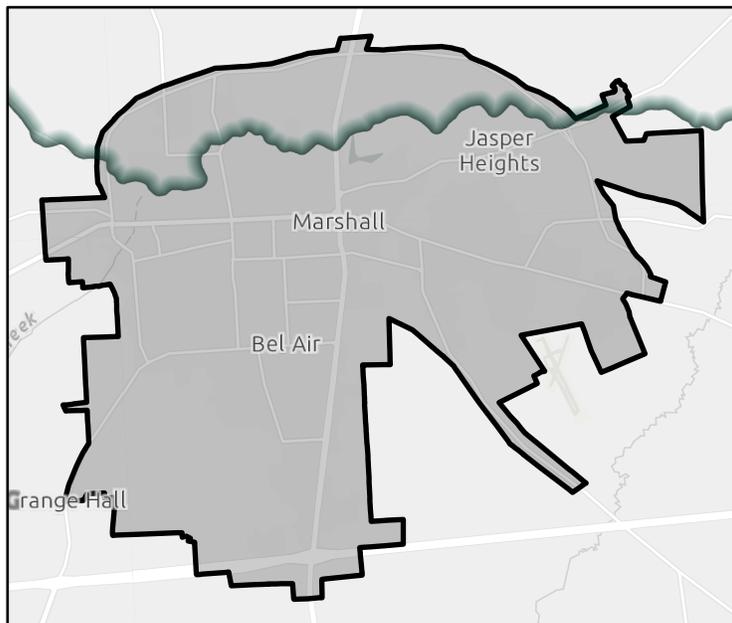
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

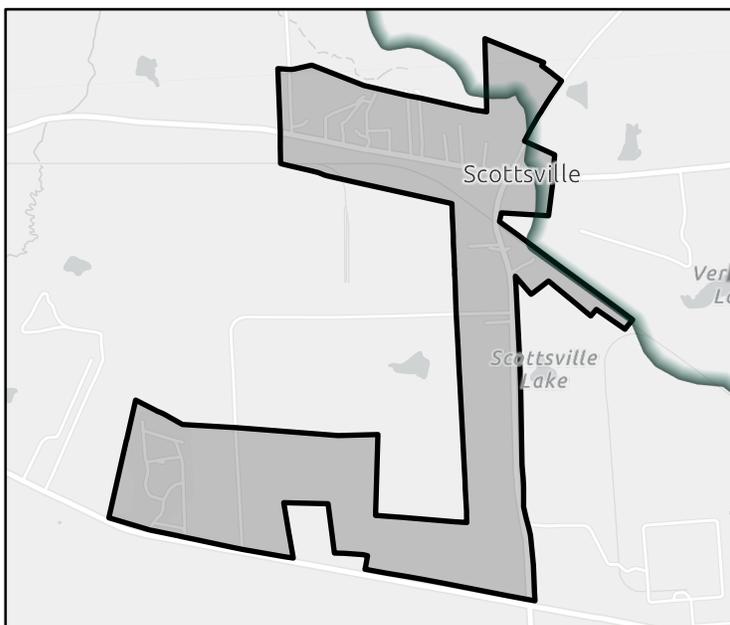
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

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

## Study Details

Study type  County

Study description

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

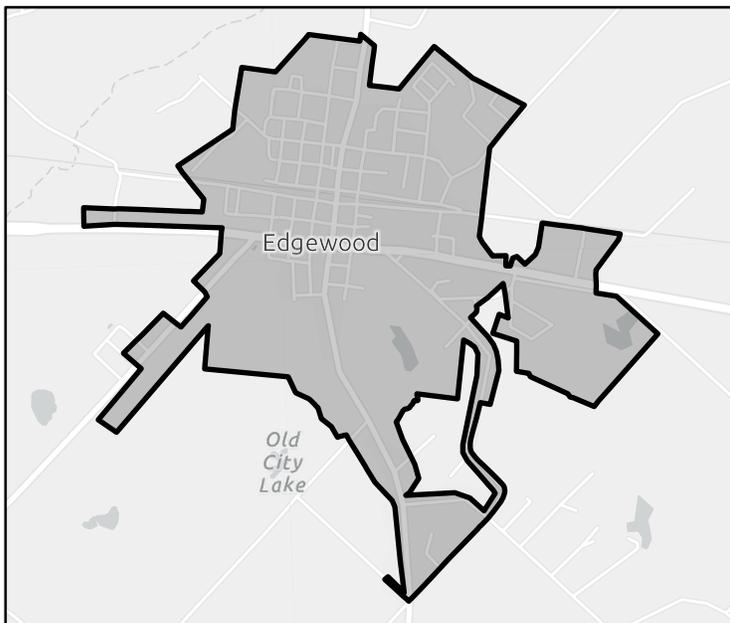
Goal(s)

## 100-Year Flood Risk Summary

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

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

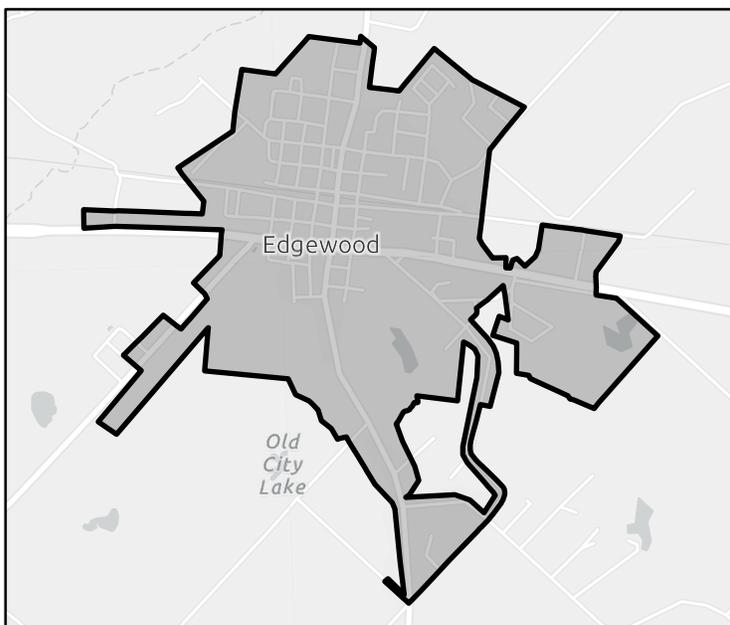
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

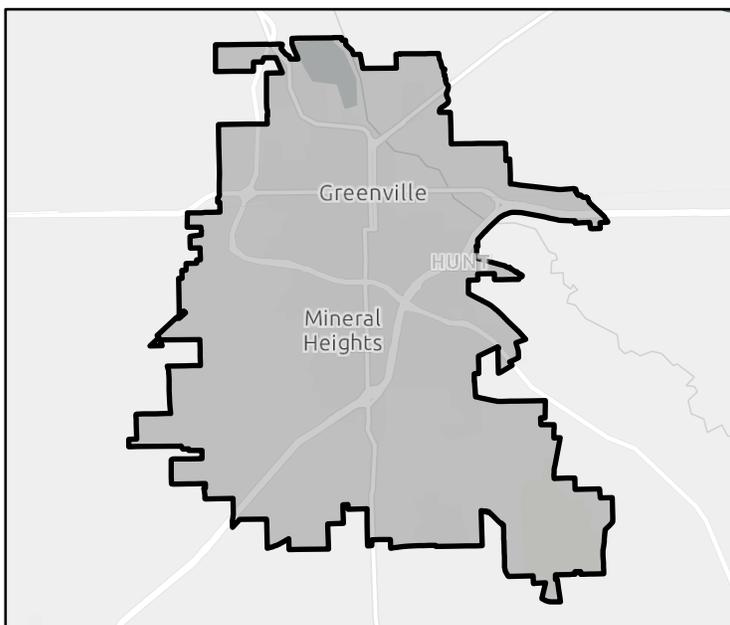
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

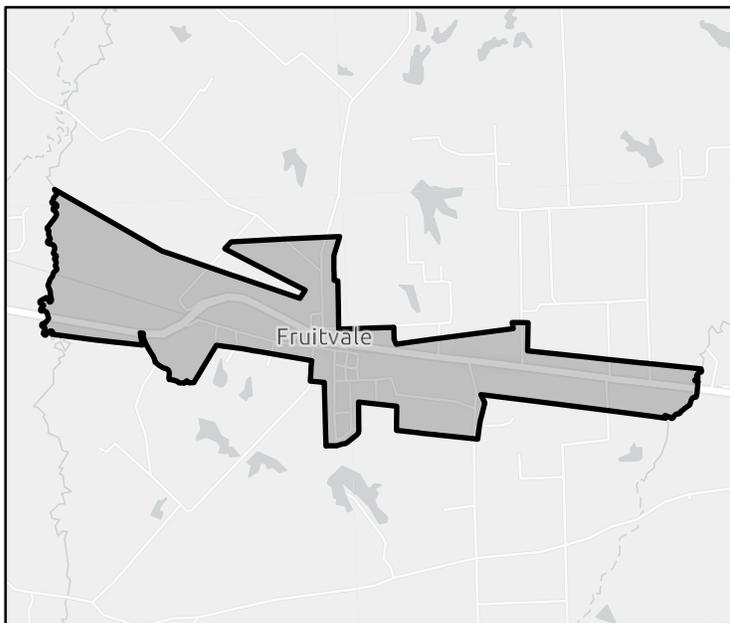
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

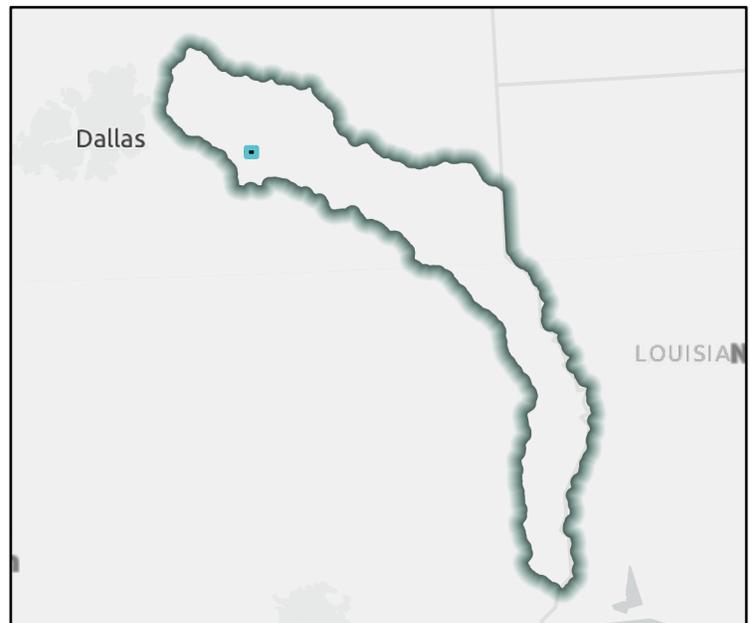
# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

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

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

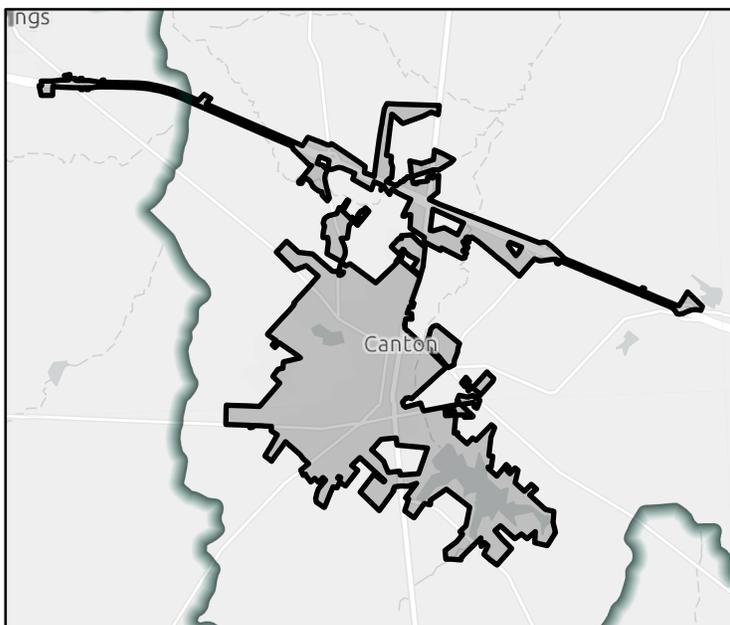
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

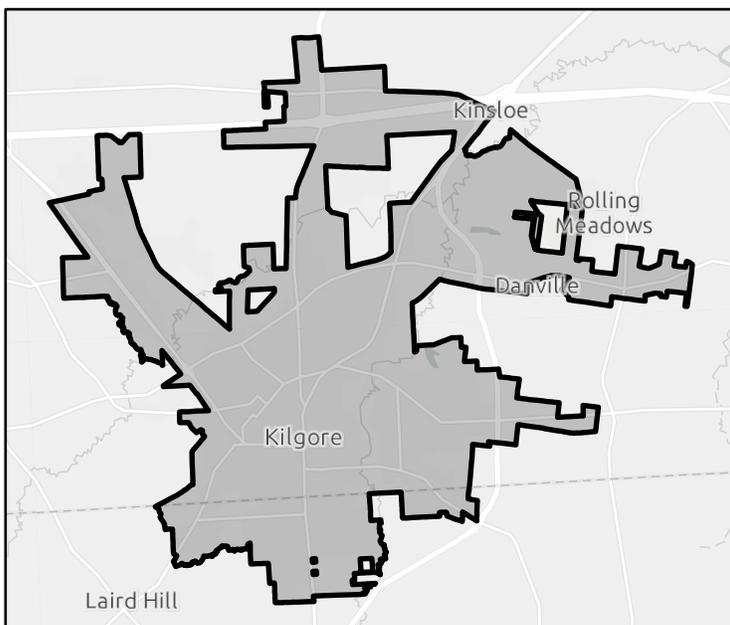
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

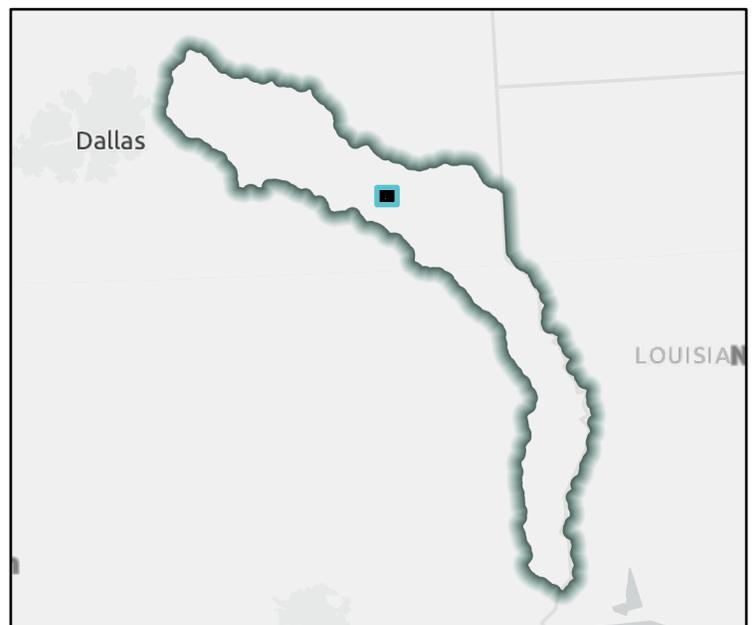
# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



Title

ID#  Sponsor

Recommended by RFPG?  Yes Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

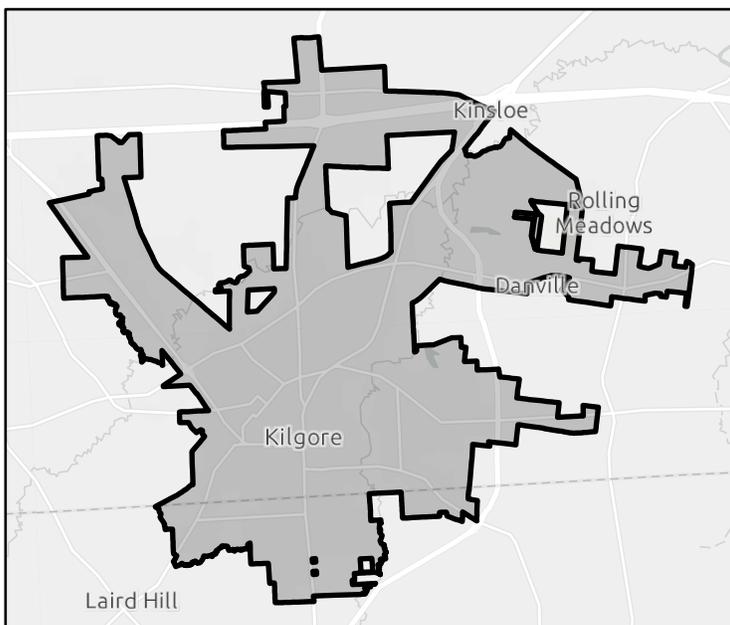
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

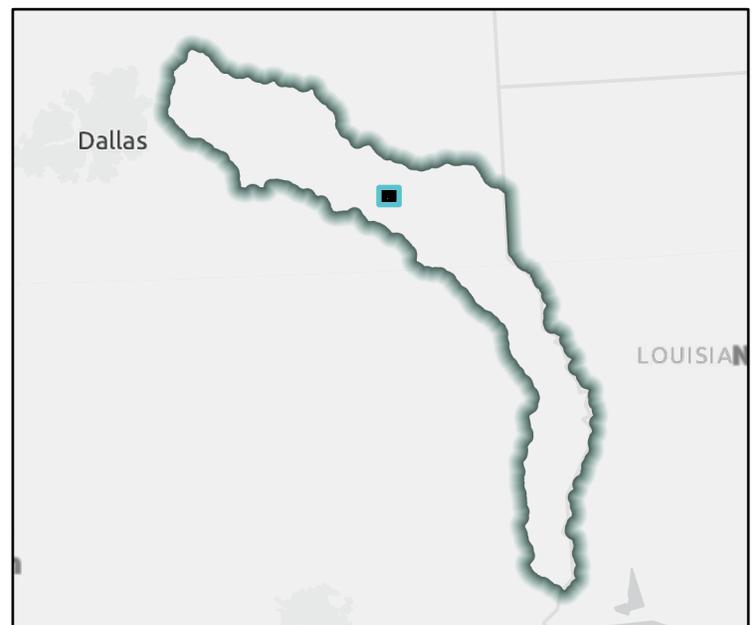
# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Yes Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

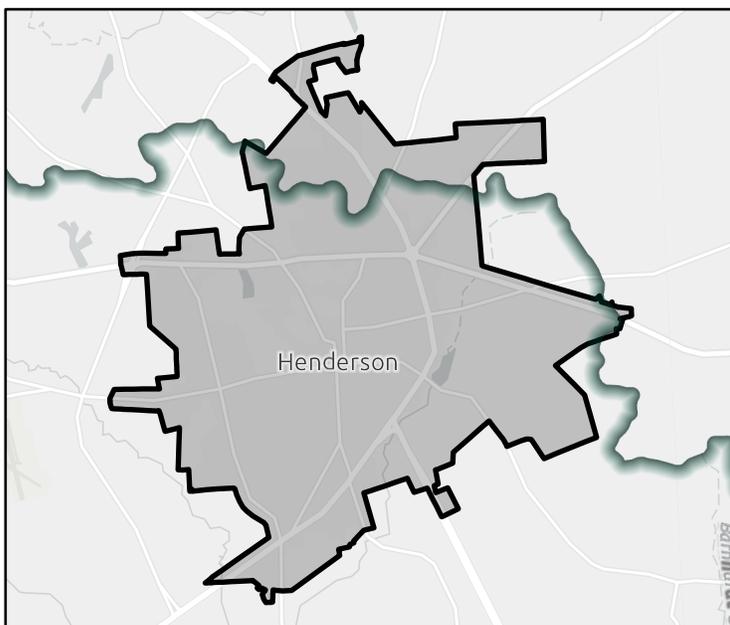
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Yes Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

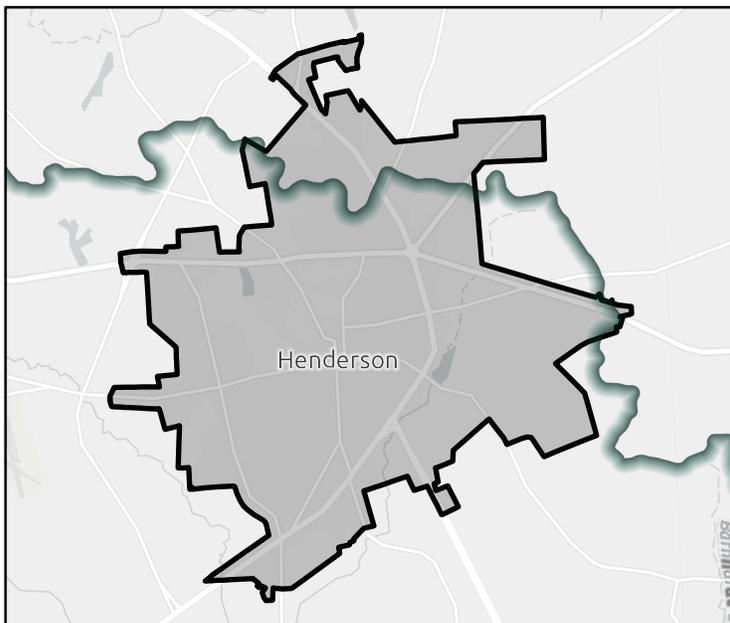
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

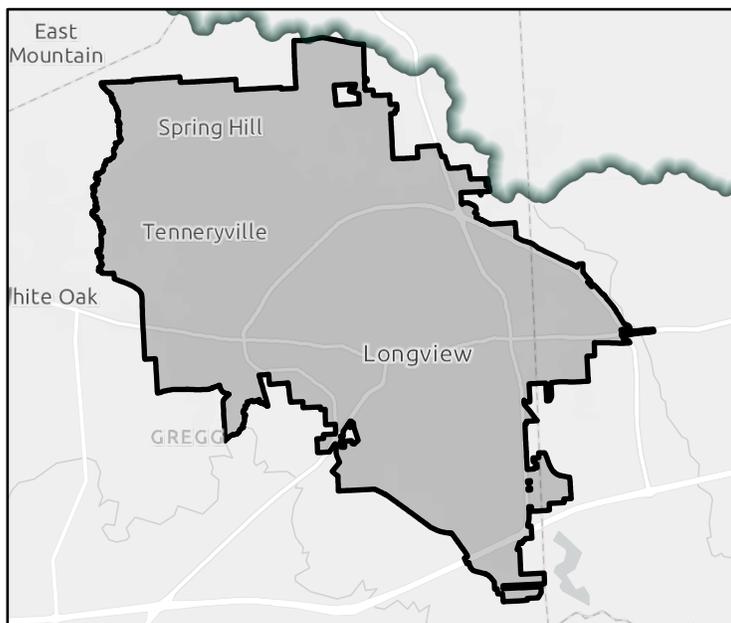
Goal(s)

## 100-Year Flood Risk Summary

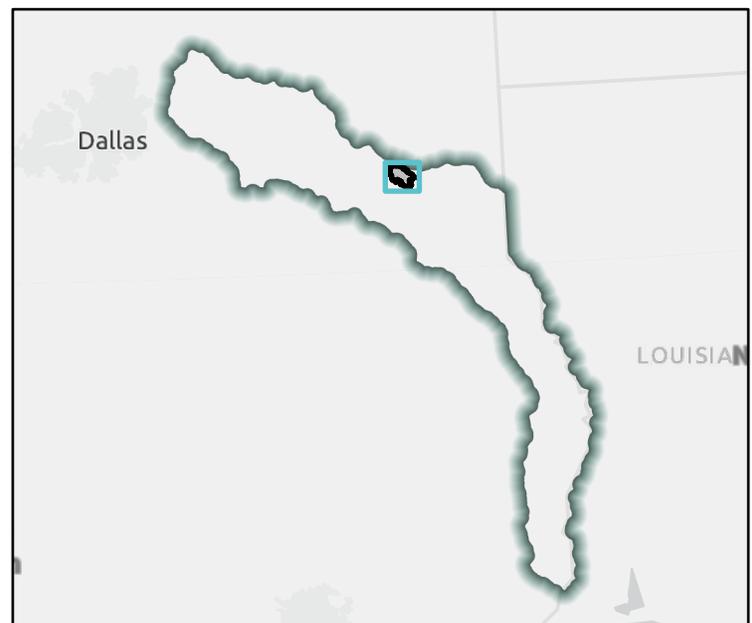
|                                |                                     |                               |                                    |                          |                                 |        |                                 |
|--------------------------------|-------------------------------------|-------------------------------|------------------------------------|--------------------------|---------------------------------|--------|---------------------------------|
| Population at risk             | <input type="text" value="10,126"/> | # of structures               | <input type="text" value="1,379"/> | # of critical facilities | <input type="text" value="9"/>  |        |                                 |
| Flood risk type: Riverine?     | <input type="text" value="Yes"/>    | Coastal?                      | <input type="text" value="No"/>    | Local Flooding?          | <input type="text" value="No"/> | Other? | <input type="text" value="No"/> |
| Farm/Ranch land impacted (ac.) | <input type="text" value="295"/>    | Roadways impacted (miles)     | <input type="text" value="41"/>    |                          |                                 |        |                                 |
| # of low water crossings       | <input type="text" value="0"/>      | # of historical road closures | <input type="text" value="0"/>     |                          |                                 |        |                                 |

## Estimated Cost and Funding Availability

|            |                                       |   |                                  |                                   |                                |
|------------|---------------------------------------|---|----------------------------------|-----------------------------------|--------------------------------|
| Total Cost | <input type="text" value="\$85,000"/> | Potential federal funding availability? | <input type="text" value="Yes"/> | Potential Federal Funding Sources | <input type="text" value="-"/> |
|------------|---------------------------------------|---|----------------------------------|-----------------------------------|--------------------------------|



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title Lone Oak - Dam Inundation Study

ID# 041000040 Sponsor Lone Oak (Municipality)

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

## Study Details

Study type Other County Hunt

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

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

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

## 100-Year Flood Risk Summary

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

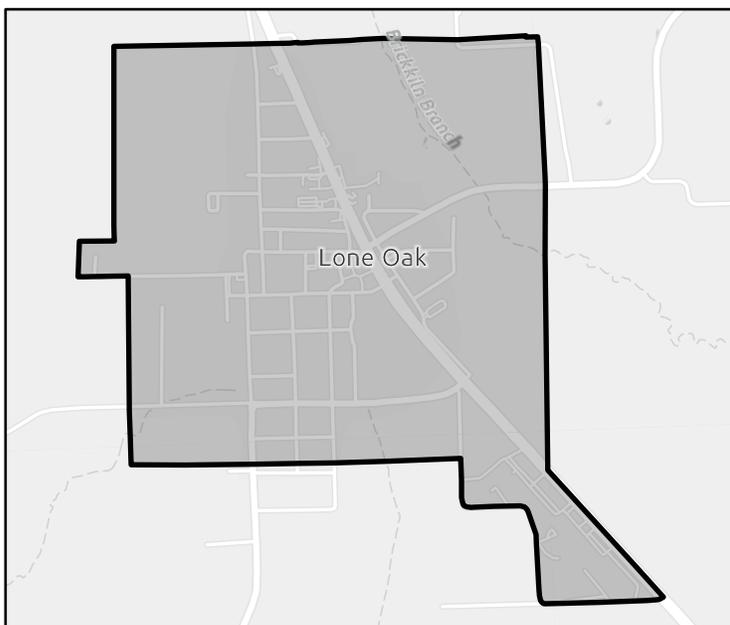
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

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

# of low water crossings 0 # of historical road closures 0

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title Kirbyville Drainage Improvement Study

ID# 041000041 Sponsor Kirbyville (Municipality)

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

## Study Details

Study type Project Planning County Jasper

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

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

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

## 100-Year Flood Risk Summary

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

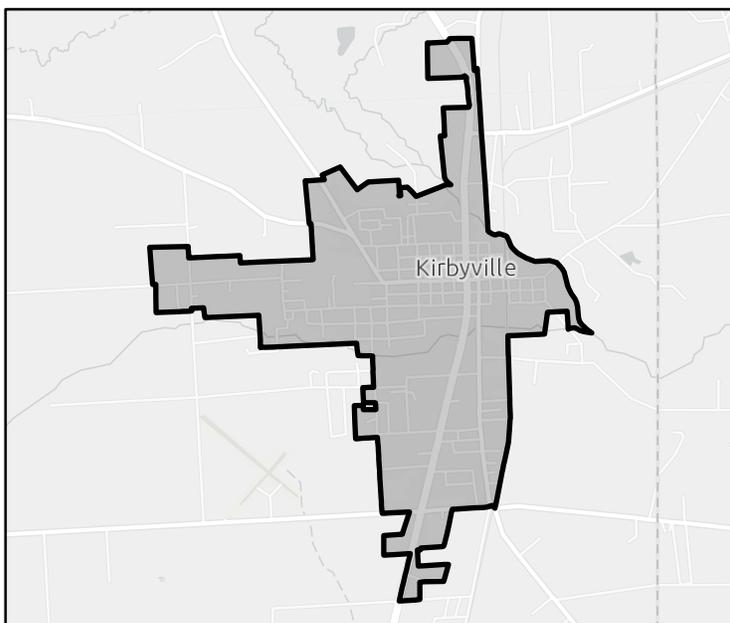
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

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

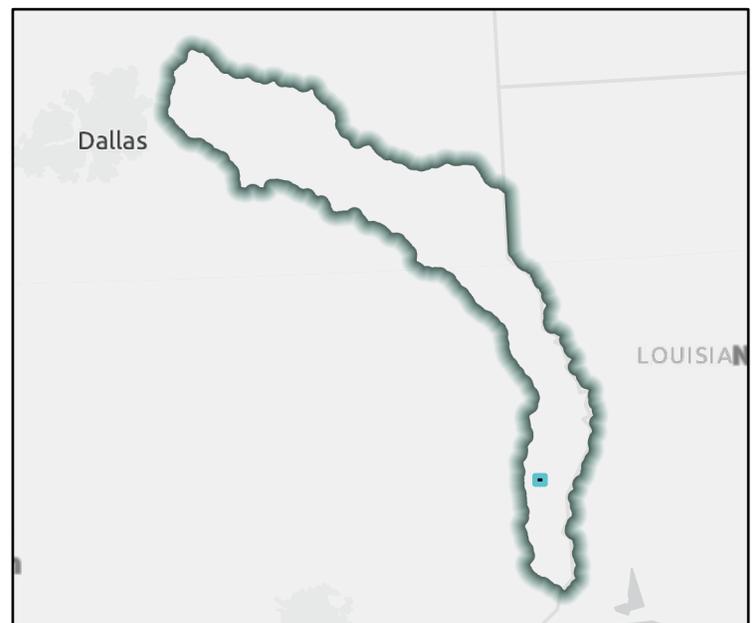
# of low water crossings 3 # of historical road closures 3

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



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

ID# 041000042 Sponsor Orange County Drainage District

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

## Study Details

Study type Project Planning County Orange

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

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

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

## 100-Year Flood Risk Summary

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

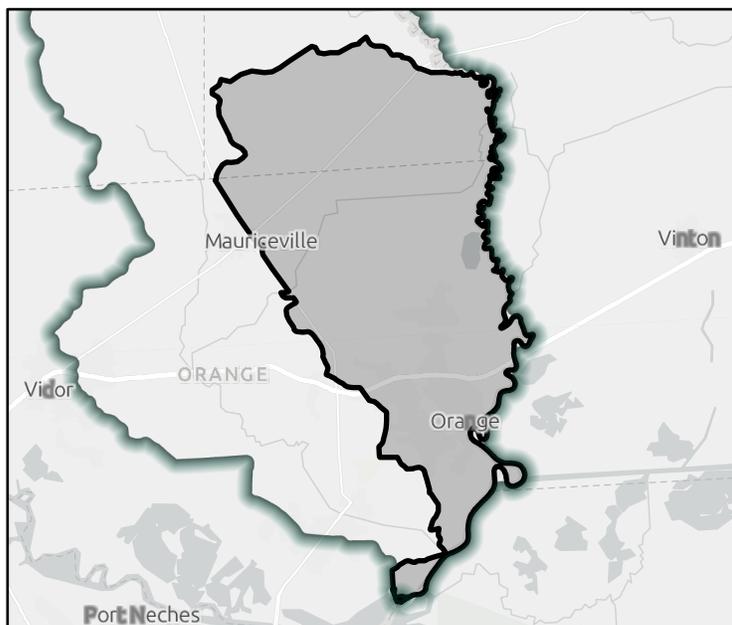
Flood risk type: Riverine? Yes Coastal? Yes Local Flooding? No Other? No

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

# of low water crossings 15 # of historical road closures 15

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



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

ID# **041000043** Sponsor **Orange County Drainage District**

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

## Study Details

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

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

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

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

## 100-Year Flood Risk Summary

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

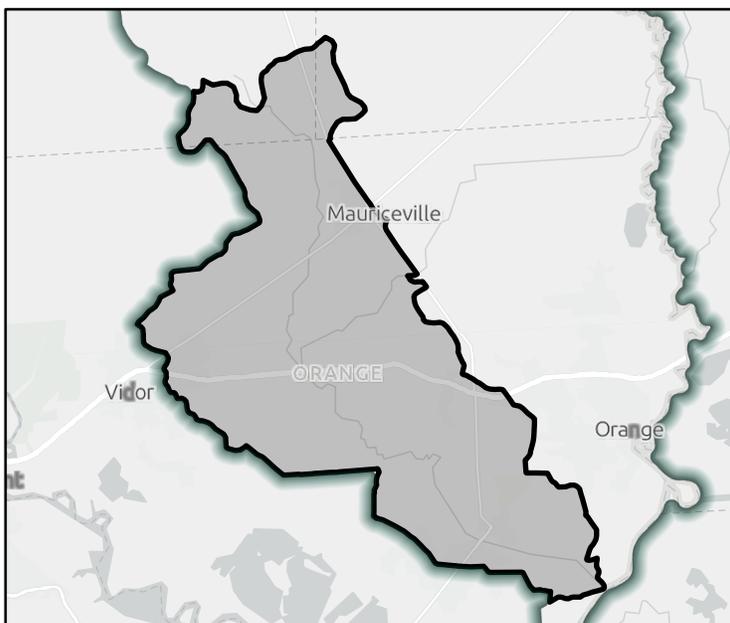
Flood risk type: Riverine? **Yes** Coastal? **Yes** Local Flooding? **No** Other? **No**

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

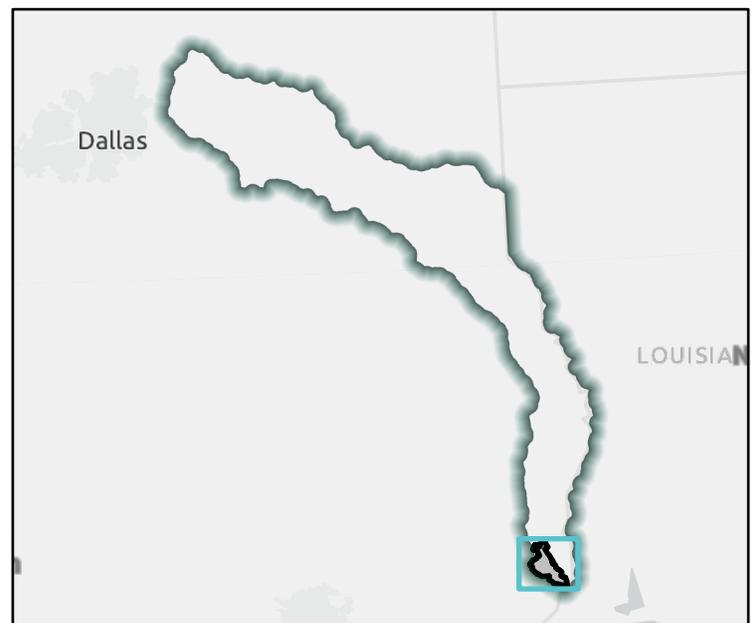
# of low water crossings **7** # of historical road closures **7**

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



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

## Study Details

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

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

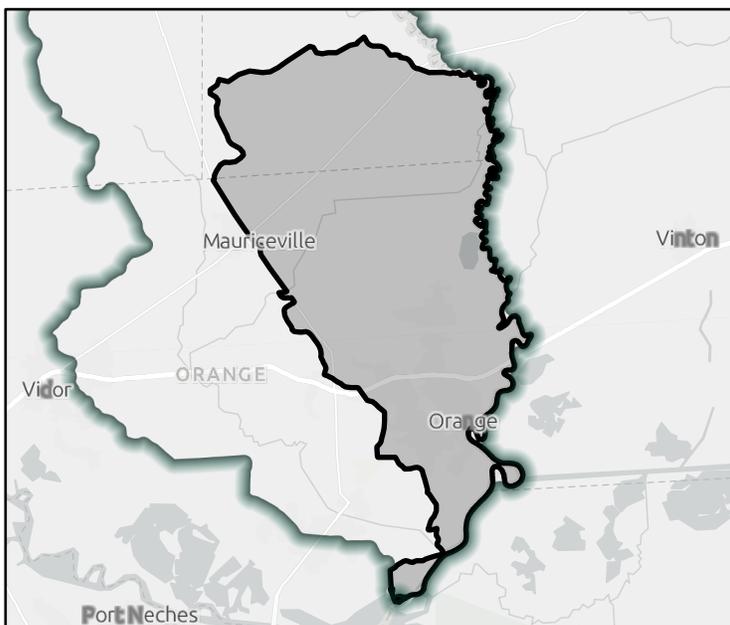
Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.  
 Goal 2: Increase the coverage of adequate flood hazard mapping to at least 50% of the region.  
 Goal 3: Increase regulatory flood hazard mapping in at least 50% of the areas identified as having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

## 100-Year Flood Risk Summary

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

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

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

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

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

## Study Details

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

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

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

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

## 100-Year Flood Risk Summary

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

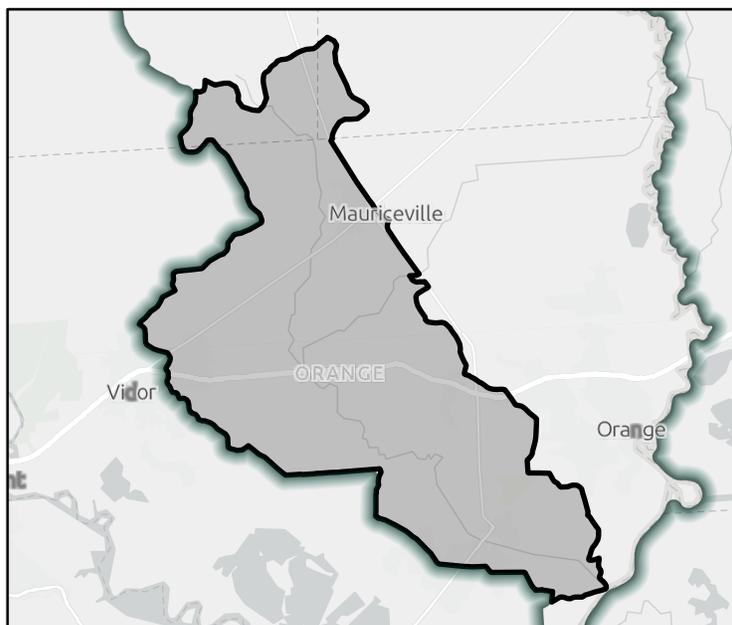
Flood risk type: Riverine? **Yes** Coastal? **Yes** Local Flooding? **No** Other? **No**

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

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

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

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

ID# 041000046 Sponsor Orange County Drainage District

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

## Study Details

Study type Project Planning County Orange

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

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

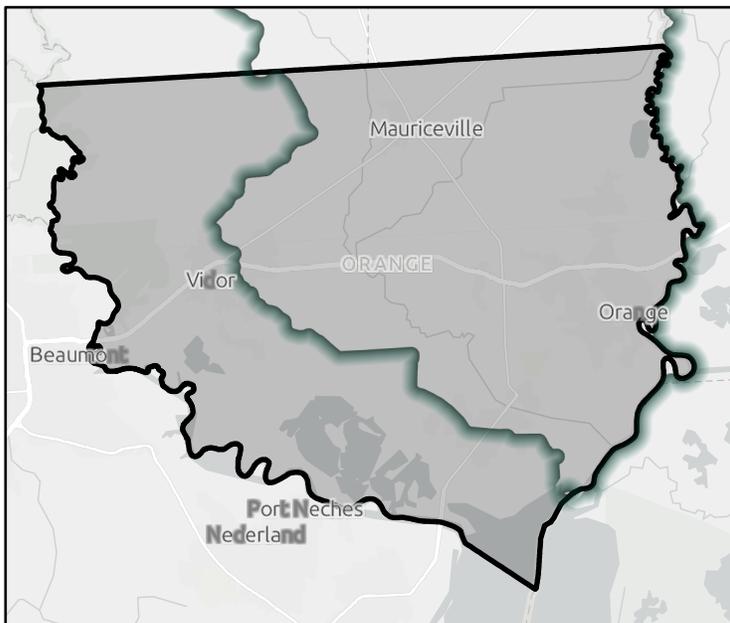
- Goal(s)
- Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.
  - Goal 2: Increase the coverage of adequate flood hazard mapping to at least 50% of the region.
  - Goal 3: Increase regulatory flood hazard mapping in at least 50% of the areas identified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

## 100-Year Flood Risk Summary

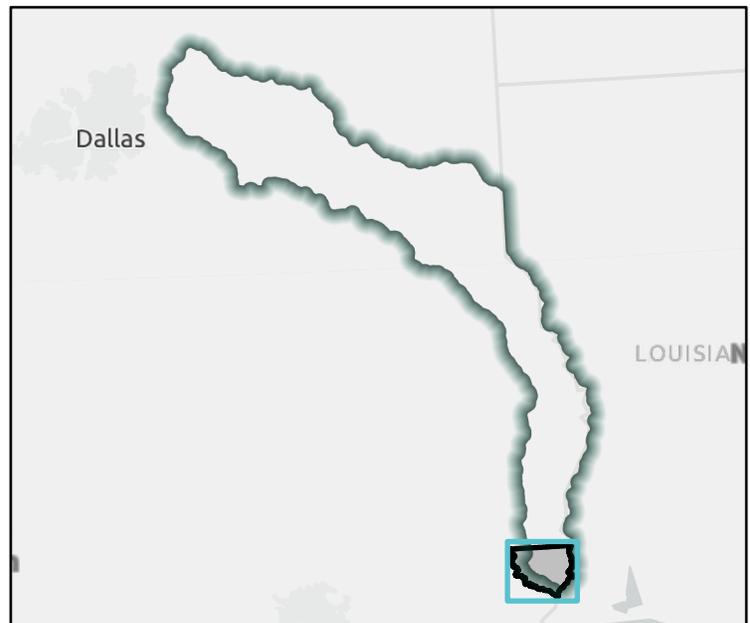
|                                |        |                               |        |                          |     |
|--------------------------------|--------|-------------------------------|--------|--------------------------|-----|
| Population at risk             | 26,881 | # of structures     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

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

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

ID# 041000047 Sponsor Orange County Drainage District

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

## Study Details

Study type Project Planning County Orange

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

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

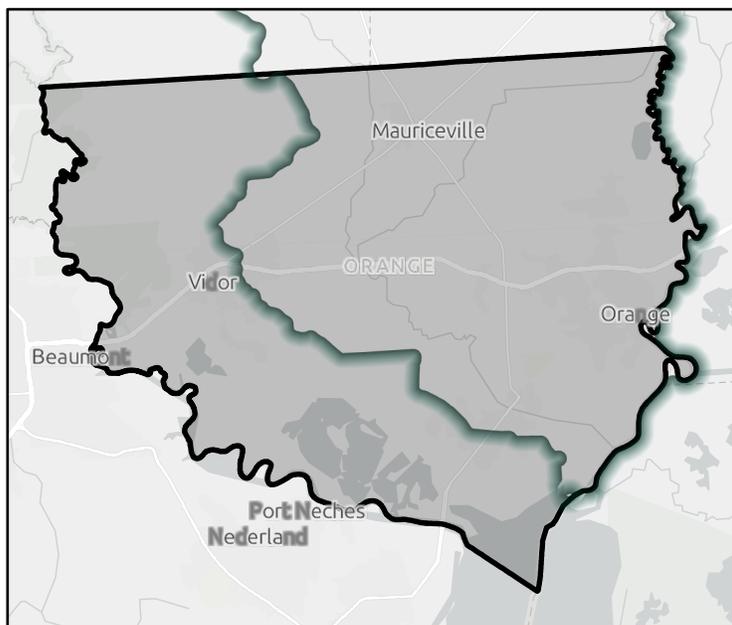
Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.  
 Goal 2: Increase the coverage of adequate flood hazard mapping to at least 50% of the region.  
 Goal 3: Increase regulatory flood hazard mapping in at least 50% of the areas identified as having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

## 100-Year Flood Risk Summary

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

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

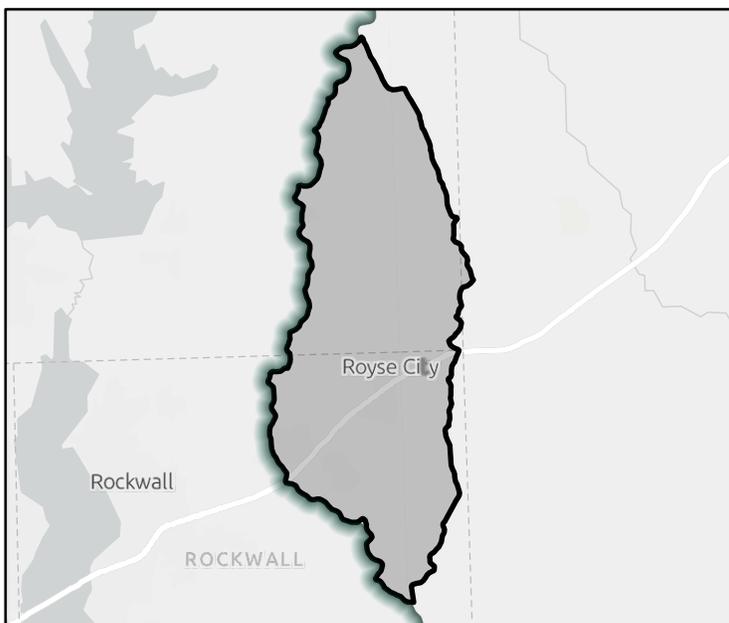
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

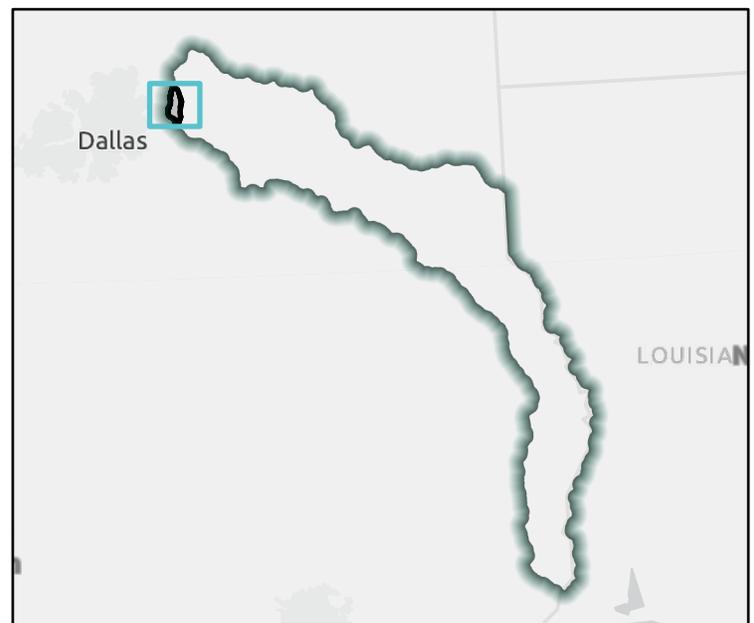
# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Yes Reason for Recommendation

## Study Details

Study type  County

Study description

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

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

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

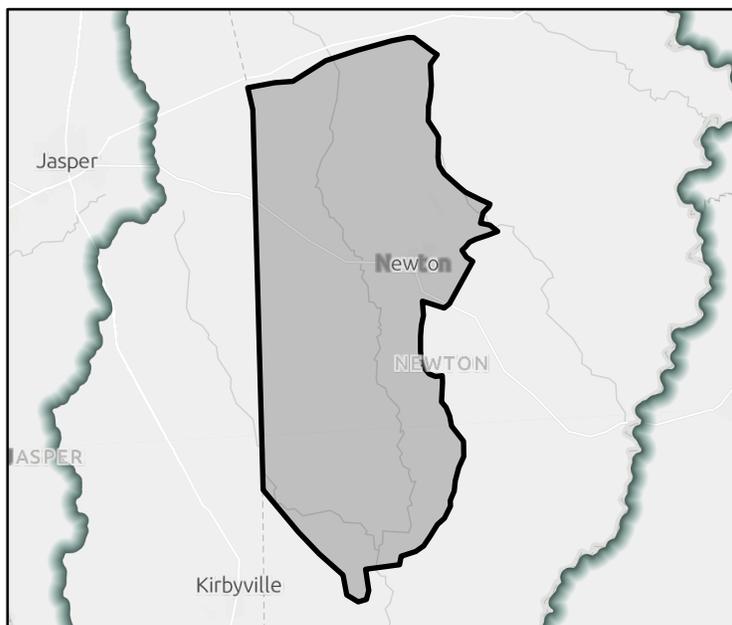
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

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

## Study Details

Study type  County

Study description

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

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

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

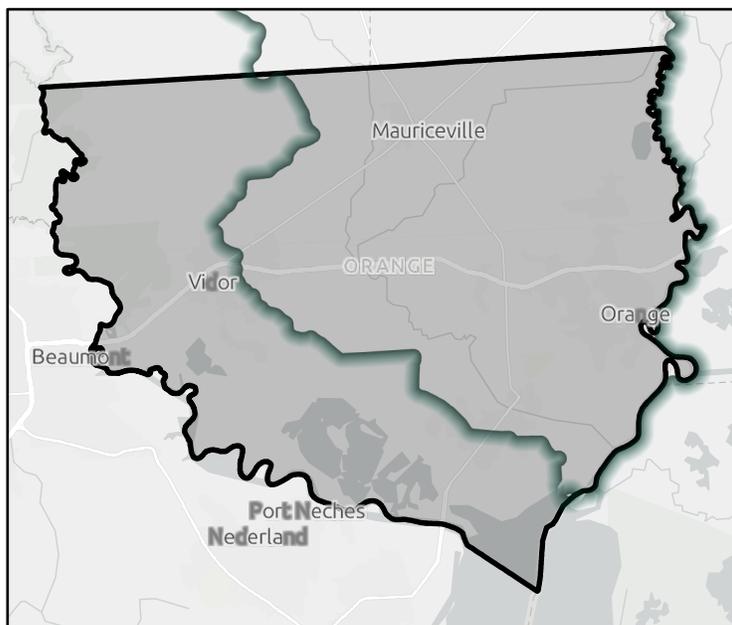
Flood risk type: Riverine?  Yes Coastal?  Yes Local Flooding?  No Other?  No

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

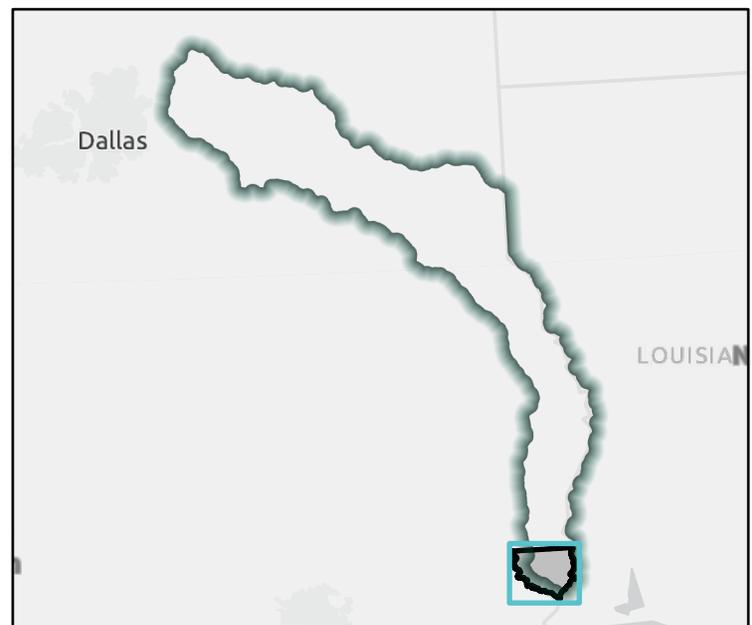
# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

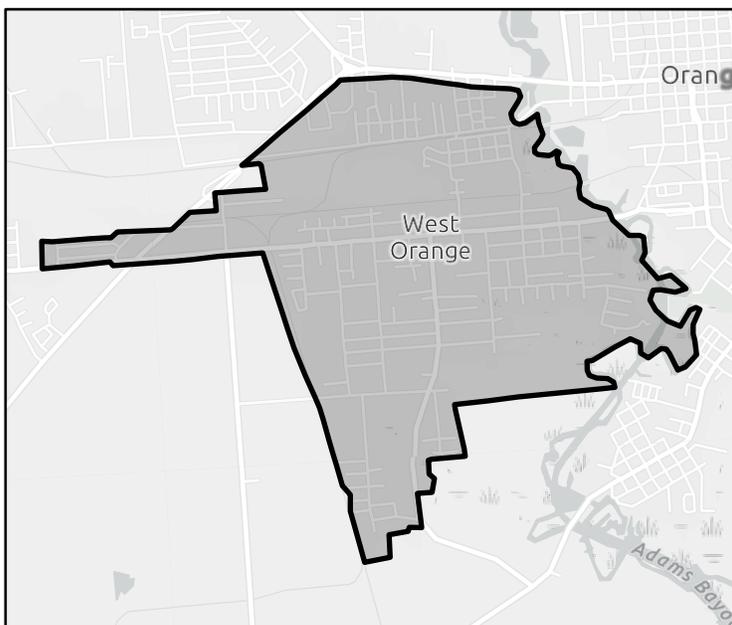
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

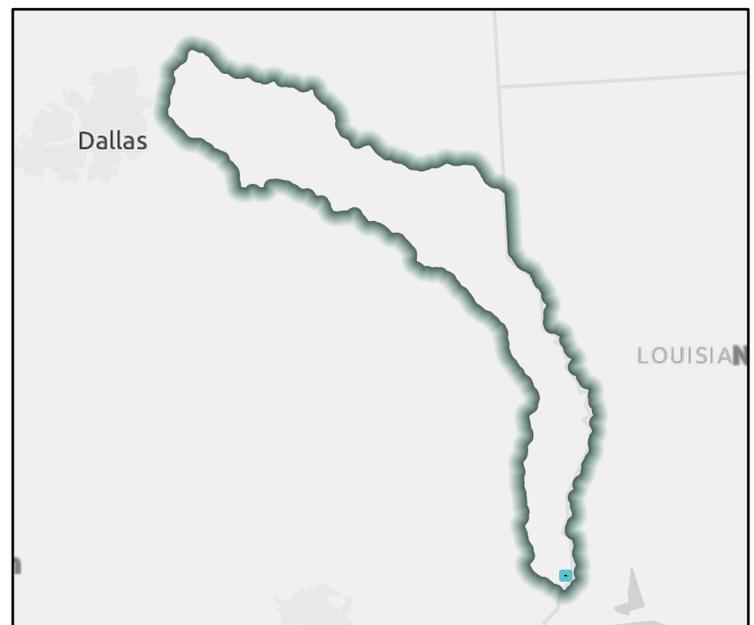
# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation  Aligns with RFPG Goals

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

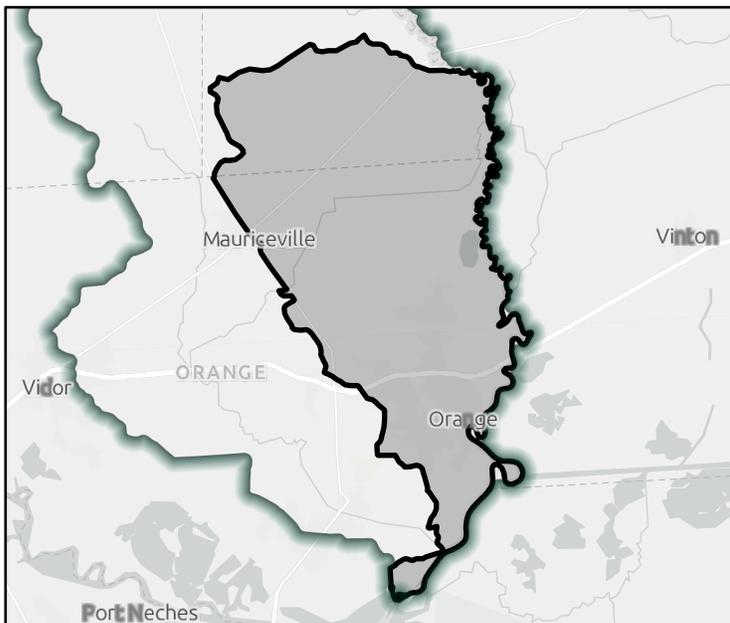
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



Title

ID#  Sponsor

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

## Study Details

Study type  County

Study description

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

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

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

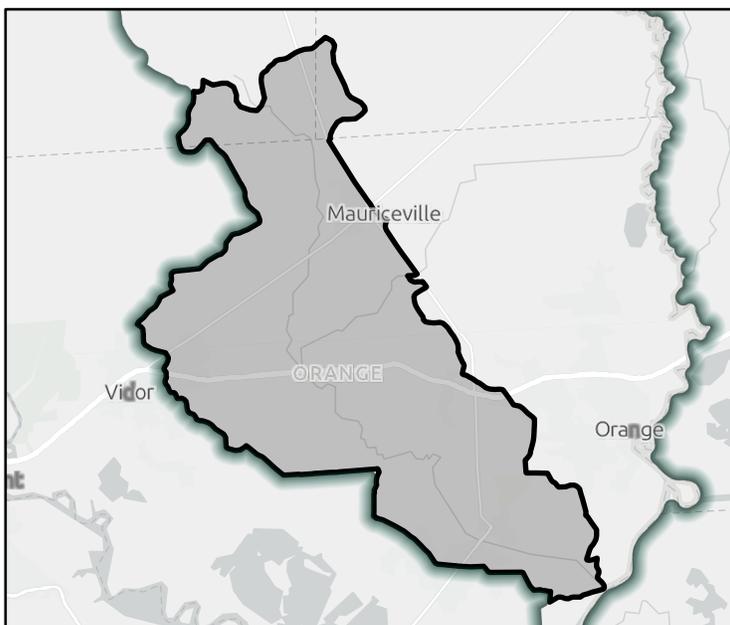
Flood risk type: Riverine?  Yes Coastal?  Yes Local Flooding?  No Other?  No

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



Title

ID#  Sponsor

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

## Study Details

Study type  County

Study description

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

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

Population at risk  # of structures  # of critical facilities

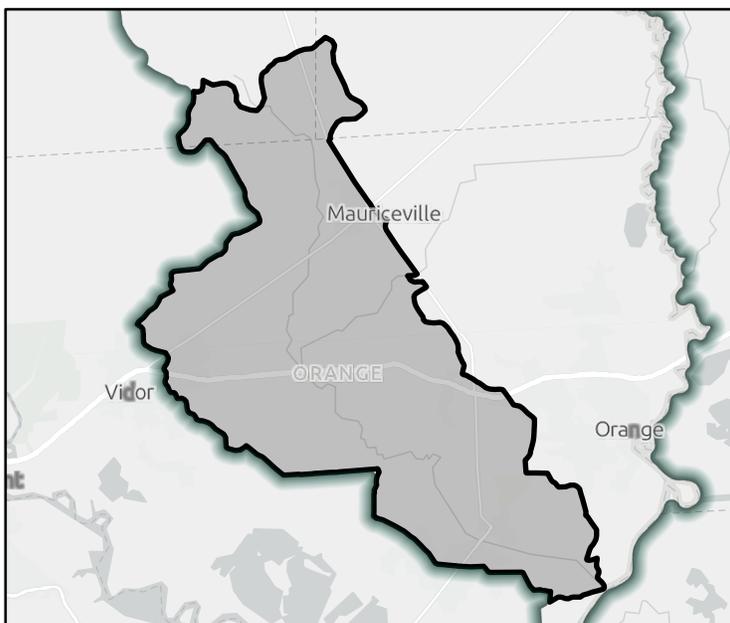
Flood risk type: Riverine?  Yes Coastal?  Yes Local Flooding?  No Other?  No

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

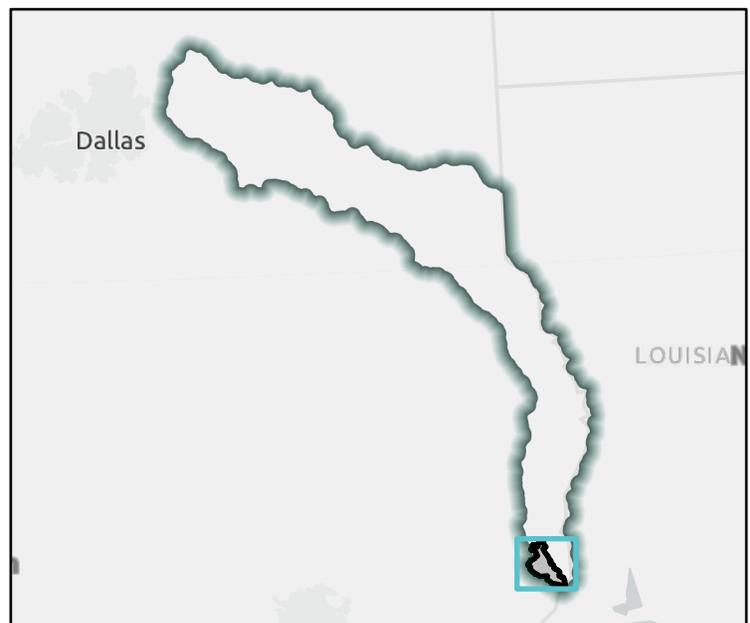
# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

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

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

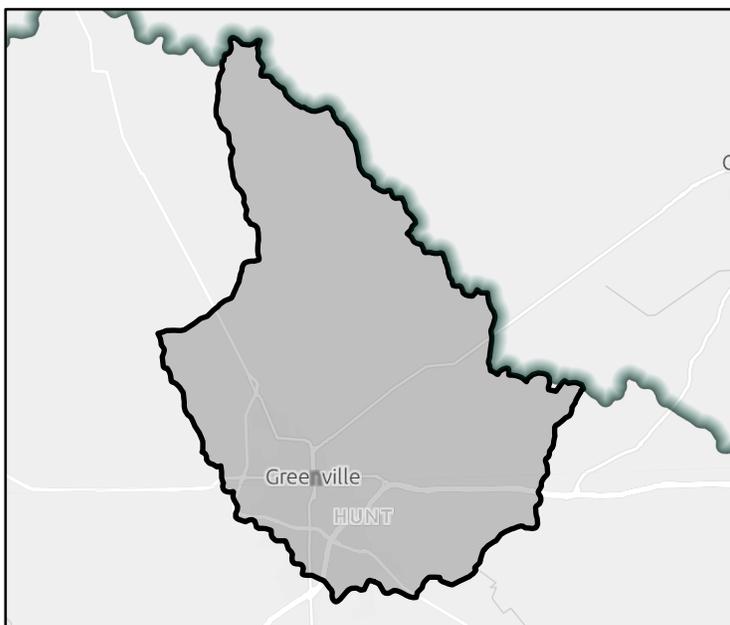
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

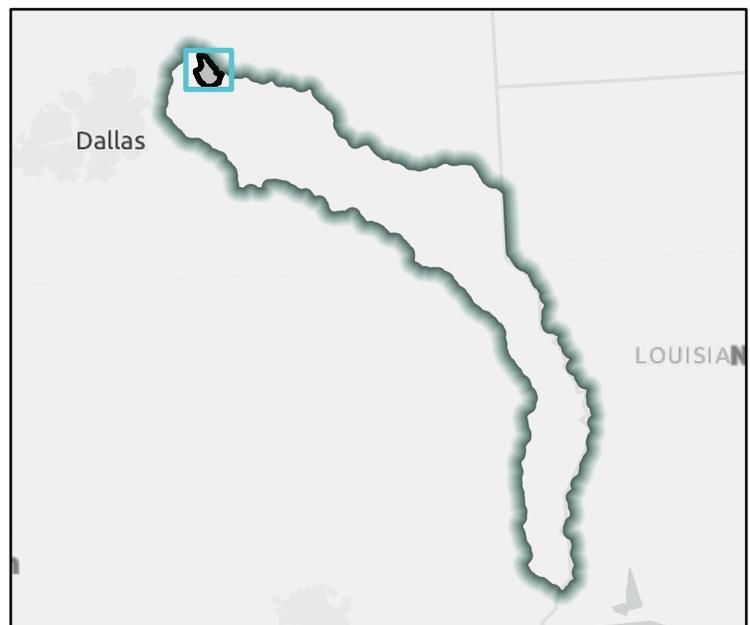
# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

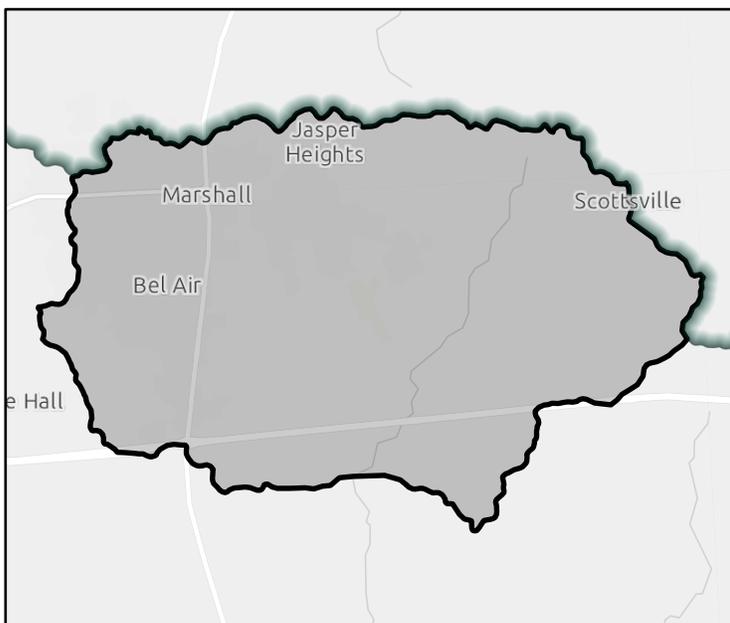
Goal(s)

## 100-Year Flood Risk Summary

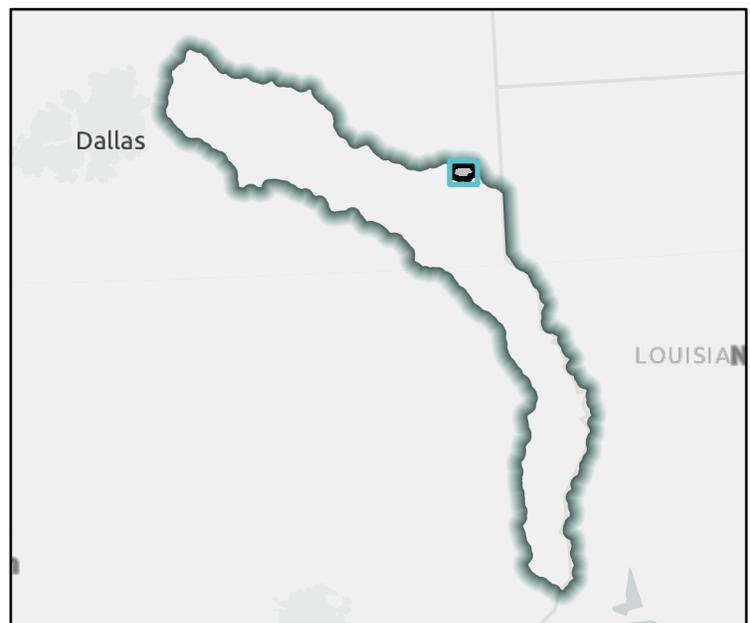
|                                |                                    |                               |                                  |                          |                                 |        |                                 |
|--------------------------------|------------------------------------|-------------------------------|------------------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

## Estimated Cost and Funding Availability

|            |  |   |                                  |                                   |                                |
|------------|--|---|----------------------------------|-----------------------------------|--------------------------------|
| Total Cost | <input type="text" value="\$380,000"/> | Potential federal funding availability? | <input type="text" value="Yes"/> | Potential Federal Funding Sources | <input type="text" value="-"/> |
|------------|--|---|----------------------------------|-----------------------------------|--------------------------------|



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



Title Terry Gully Detention Ponds Study

ID# 041000057 Sponsor Orange County Drainage District

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

## Study Details

Study type Project Planning County Orange

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

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

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

## 100-Year Flood Risk Summary

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

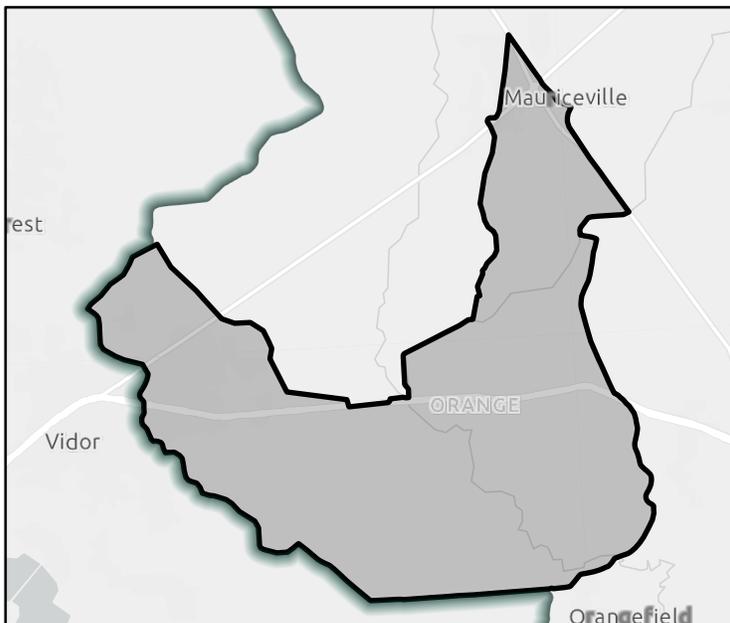
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

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

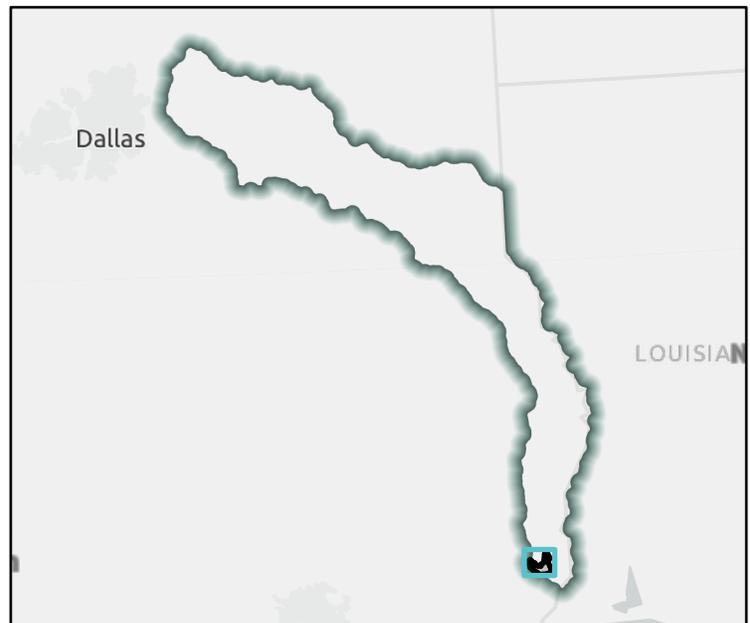
# of low water crossings 1 # of historical road closures 1

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



Title

ID#  Sponsor

Recommended by RFPG?  Yes Reason for Recommendation

## Study Details

Study type  County

Study description

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

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

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

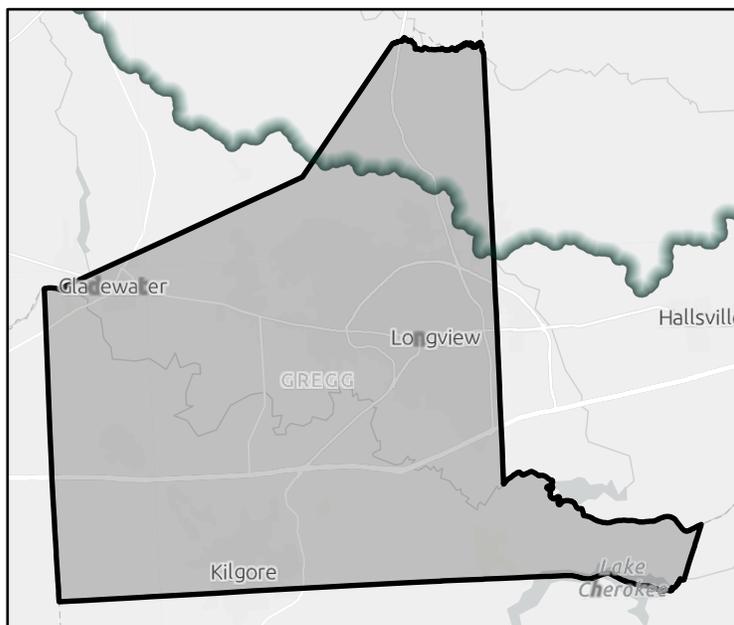
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title **Hunt County Flood Hazard Mapping**

ID# **041000059** Sponsor **Hunt (County)**

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? **Yes** Drainage area (sq. mi., est.) **879**

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

## 100-Year Flood Risk Summary

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

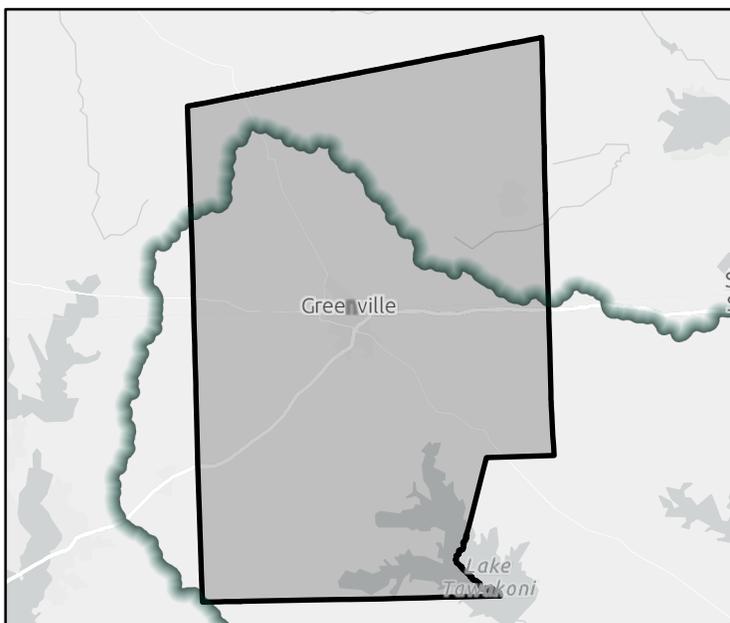
Flood risk type: Riverine? **Yes** Coastal? **No** Local Flooding? **No** Other? **No**

Farm/Ranch land impacted (ac.) **6** Roadways impacted (miles) **137**

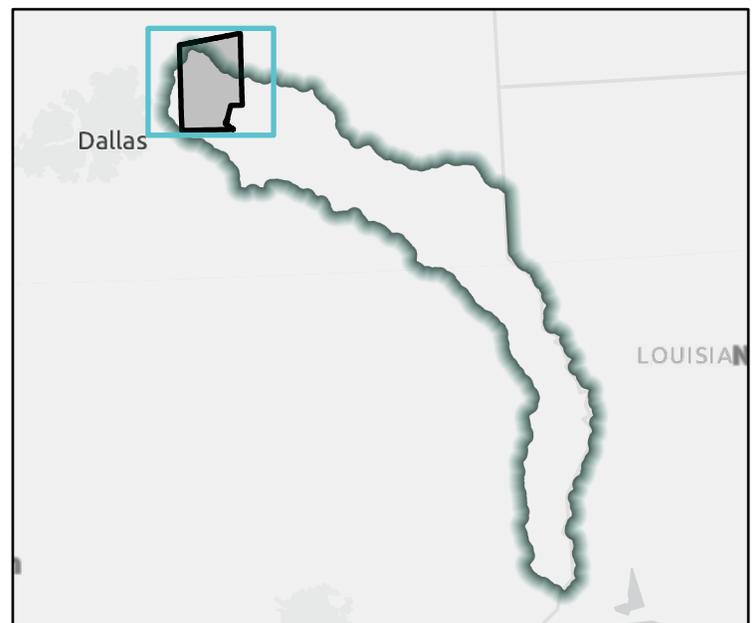
# of low water crossings **10** # of historical road closures **10**

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title Jasper County Flood Hazard Mapping

ID# 041000060 Sponsor Jasper (County)

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

## Study Details

Study type Watershed Planning County Jasper

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

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

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

## 100-Year Flood Risk Summary

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

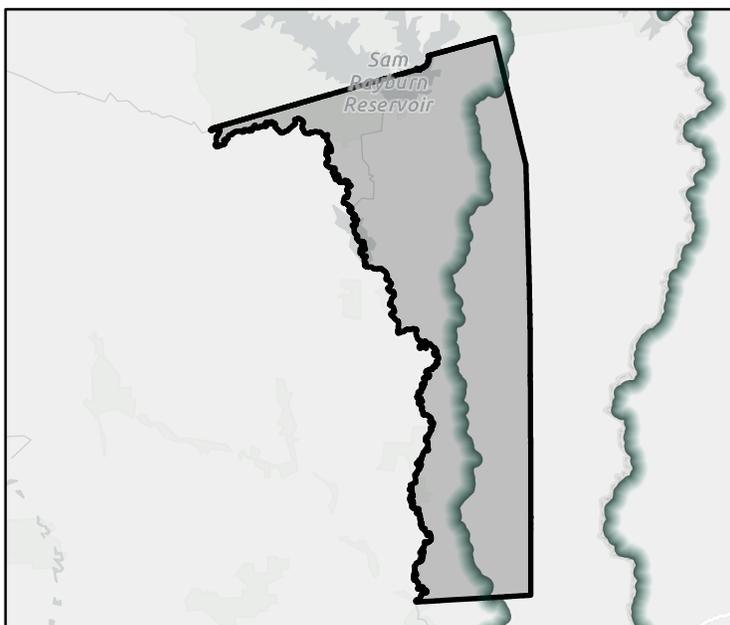
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

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

# of low water crossings 5 # of historical road closures 5

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



Title

ID#  Sponsor

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

## Study Details

Study type  County

Study description

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

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

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

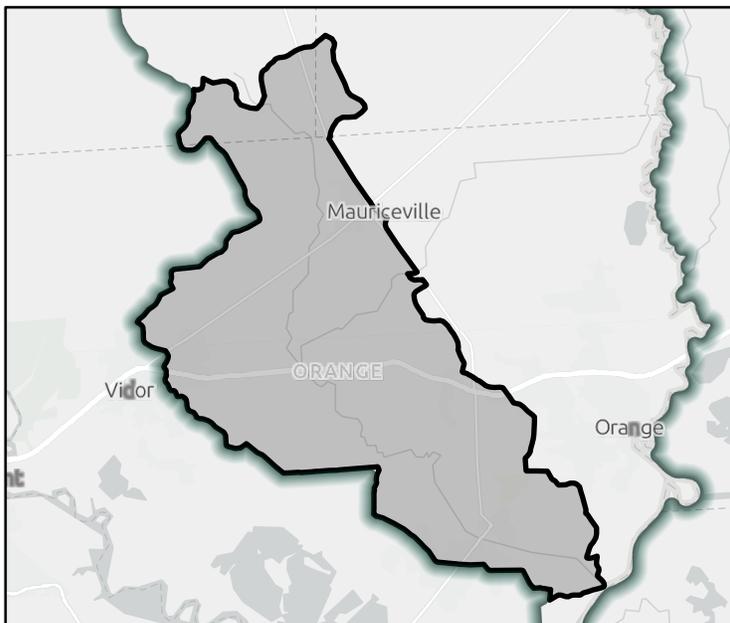
Flood risk type: Riverine?  Yes Coastal?  Yes Local Flooding?  No Other?  No

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

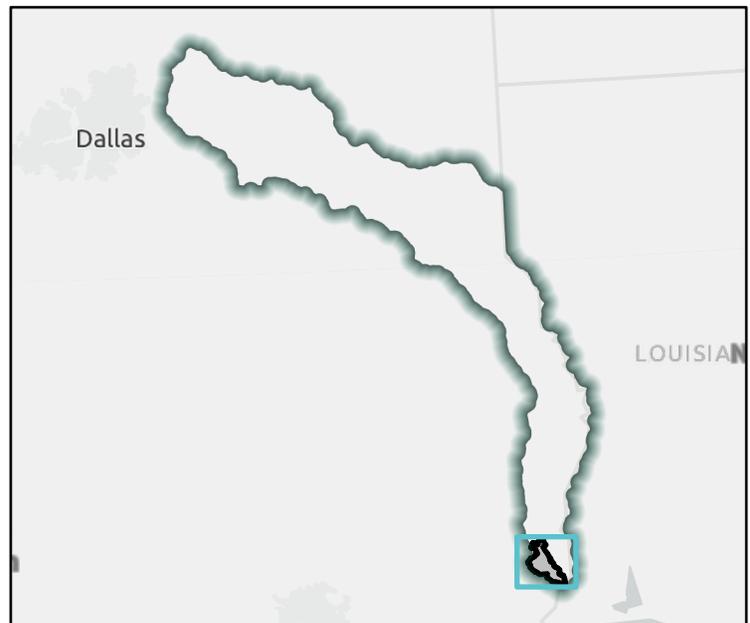
# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



Title

ID#  Sponsor

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

## Study Details

Study type  County

Study description

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

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

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

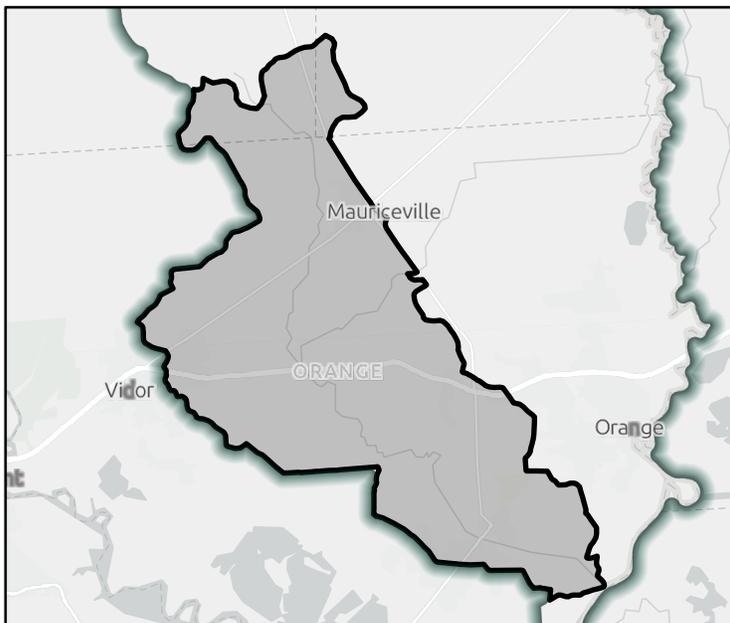
Flood risk type: Riverine?  Yes Coastal?  Yes Local Flooding?  No Other?  No

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

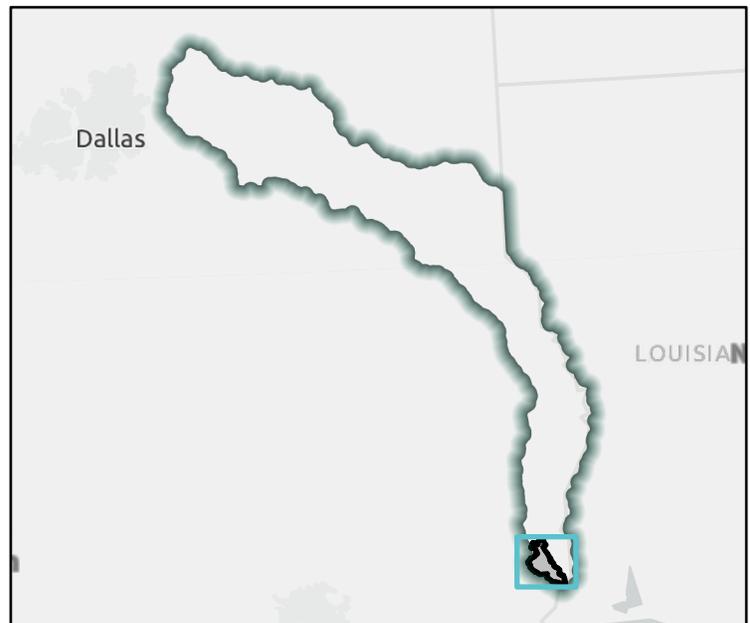
# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

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

## Study Details

Study type  County

Study description

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

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

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

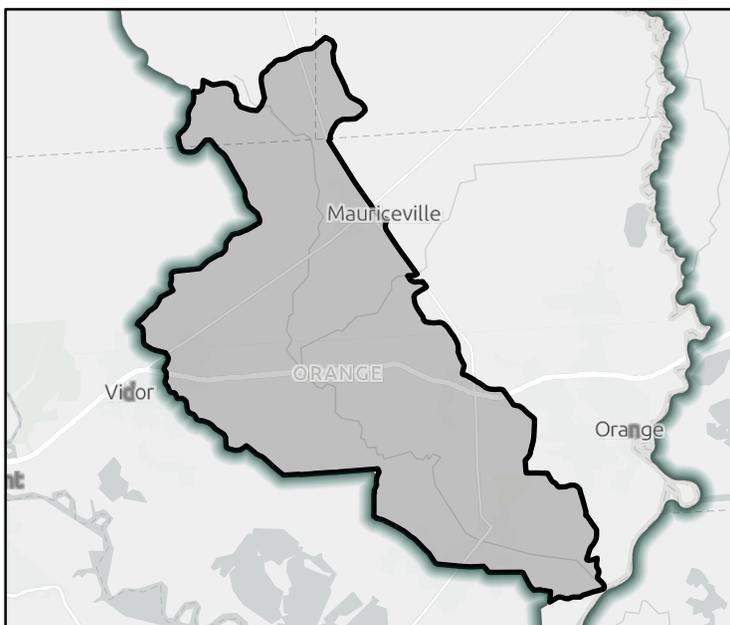
Flood risk type: Riverine?  Yes Coastal?  Yes Local Flooding?  No Other?  No

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

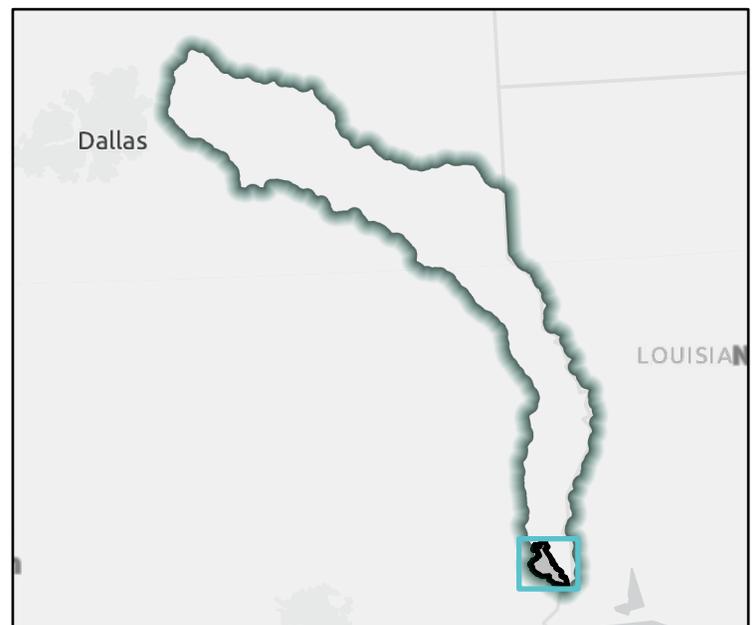
# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

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

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

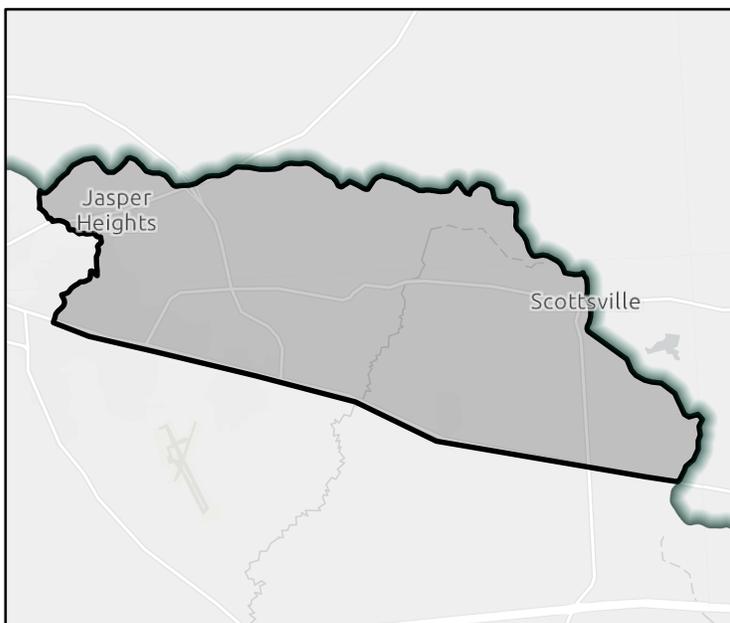
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

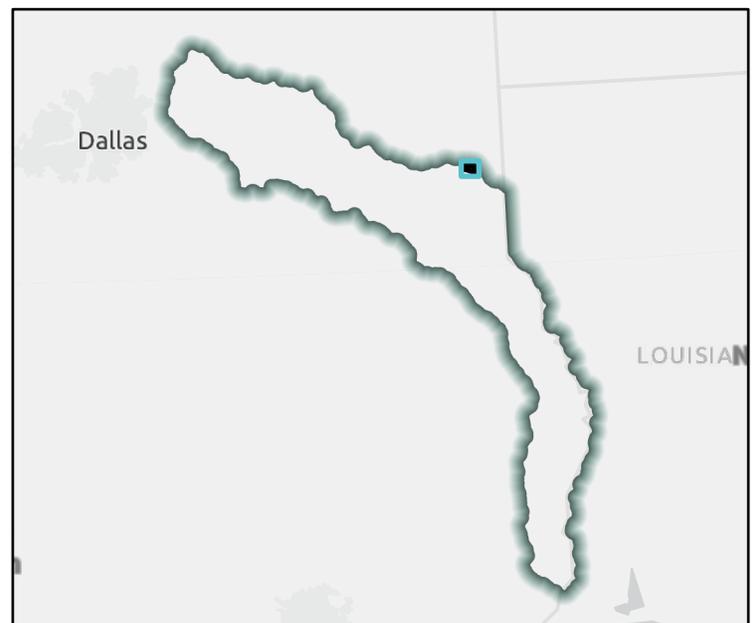
# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

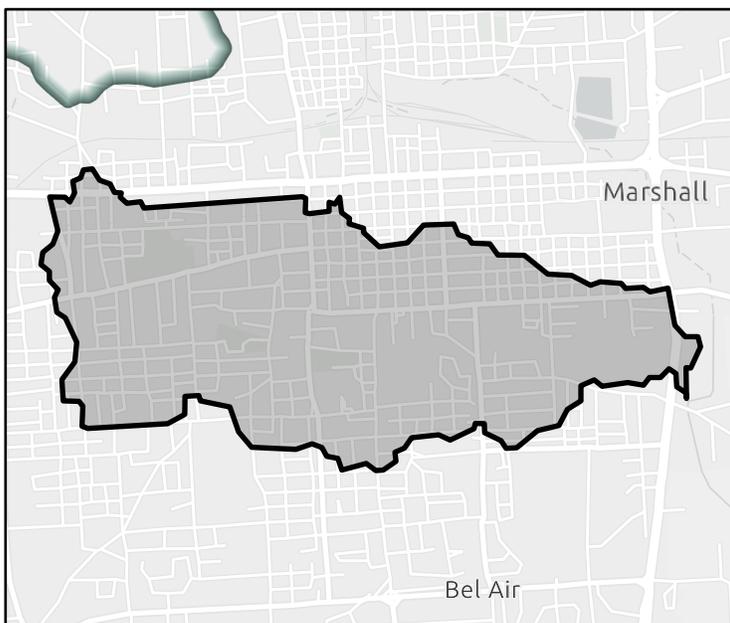
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

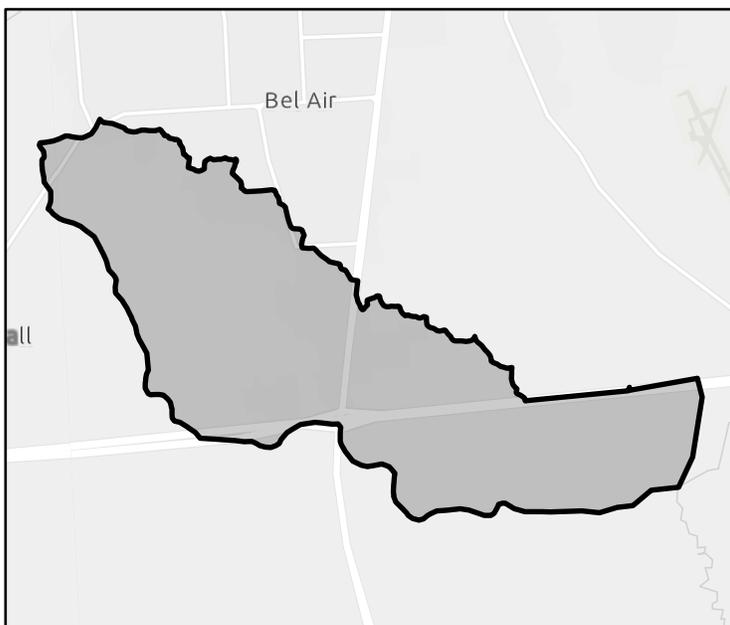
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

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

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

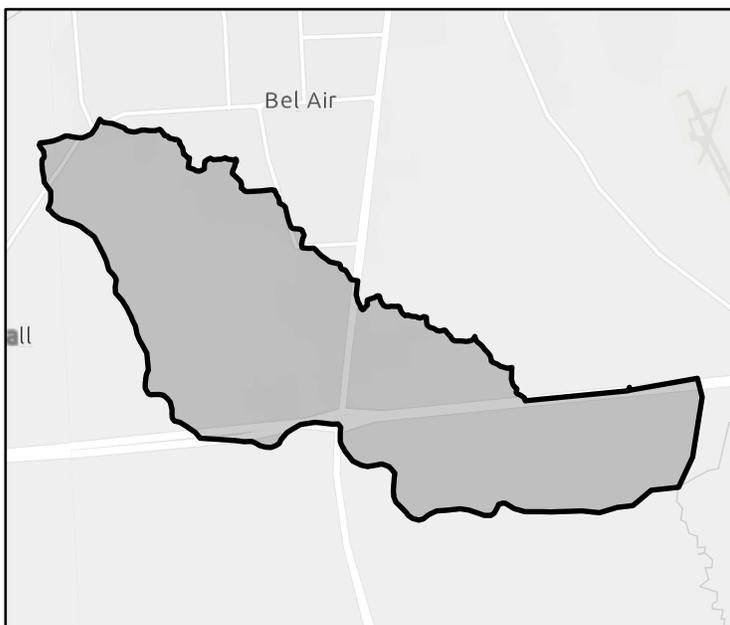
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

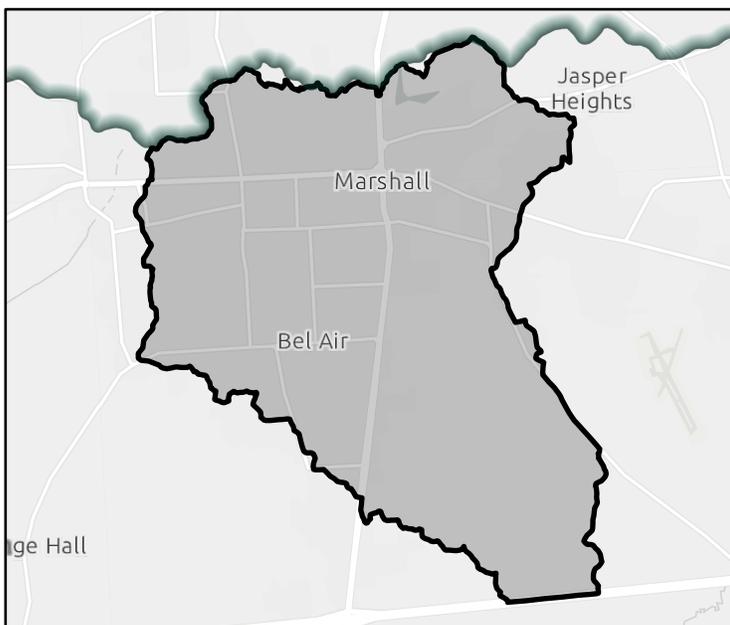
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

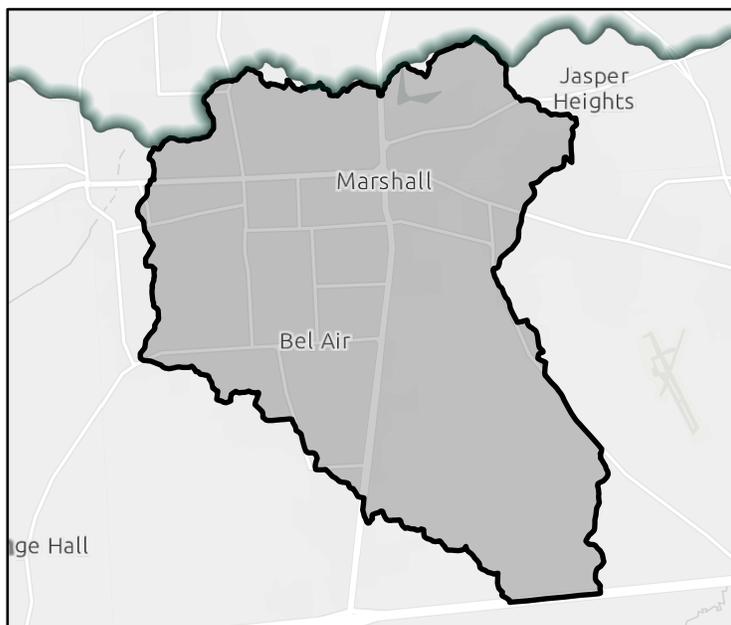
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title Franklin St Underpass Improvement Study

ID# 041000070 Sponsor Marshall (Municipality)

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

## Study Details

Study type Project Planning County Harrison

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

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

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

## 100-Year Flood Risk Summary

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

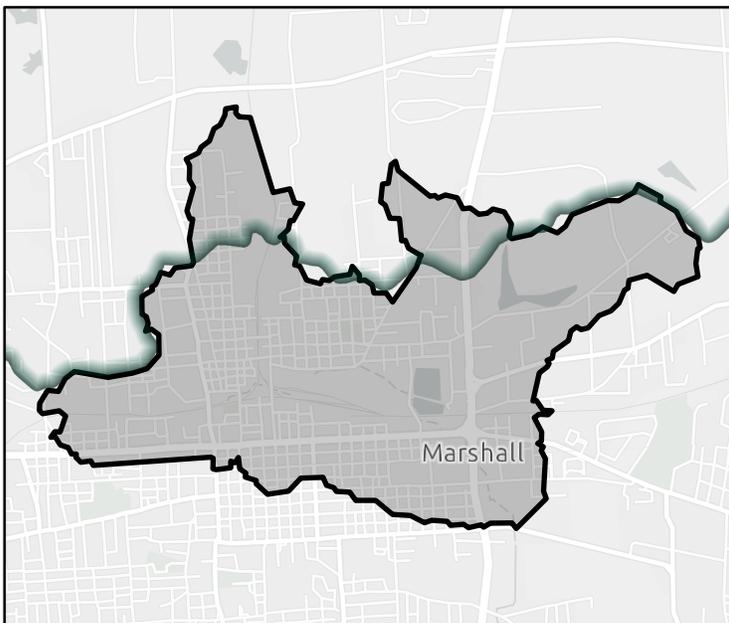
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

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

# of low water crossings 0 # of historical road closures 0

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

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

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

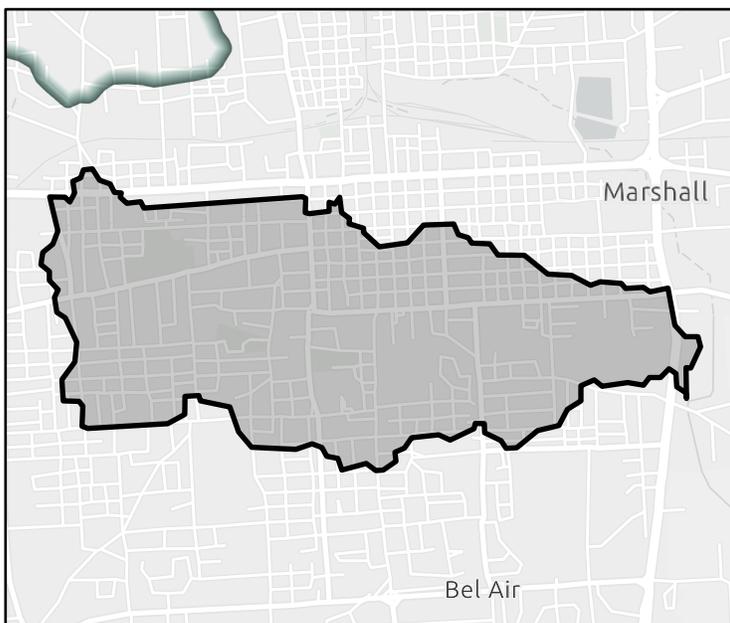
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

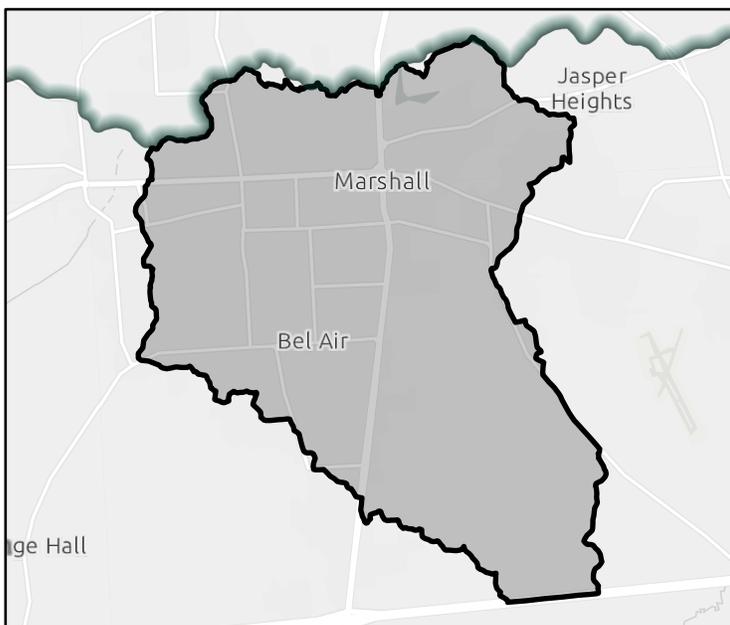
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

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

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

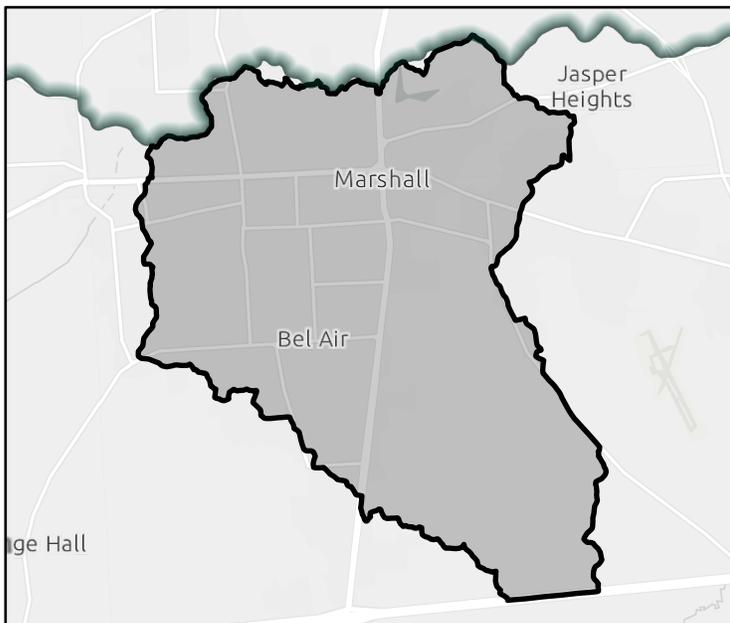
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

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

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

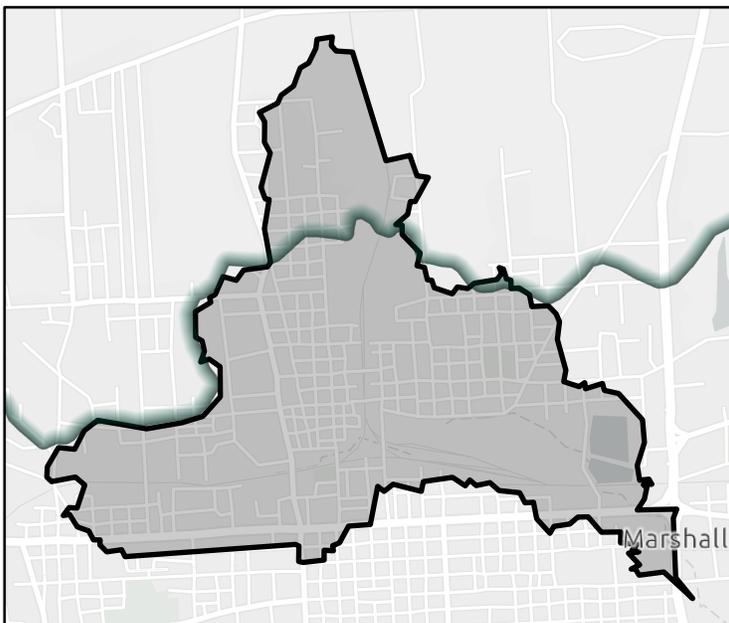
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

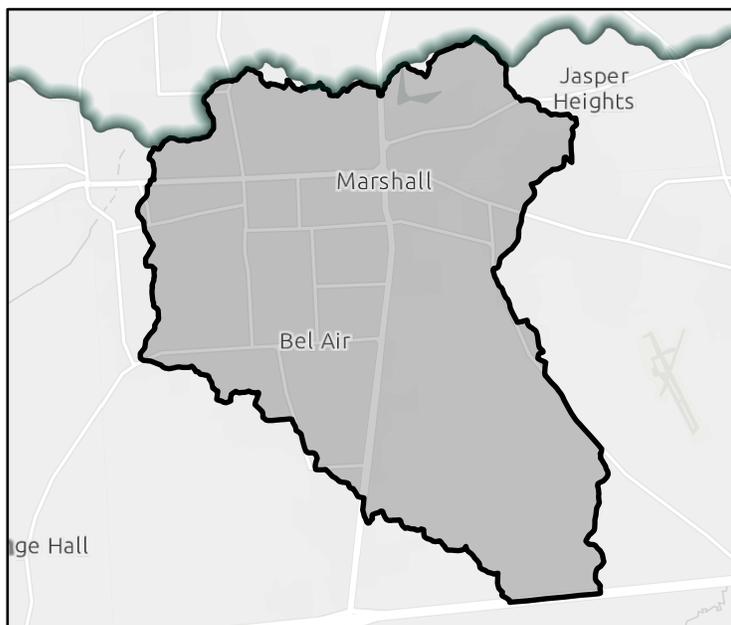
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

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

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

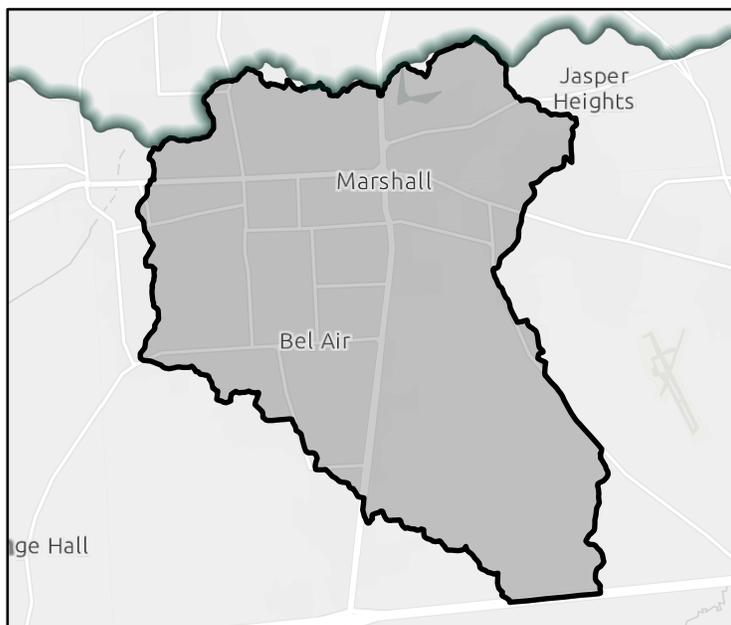
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

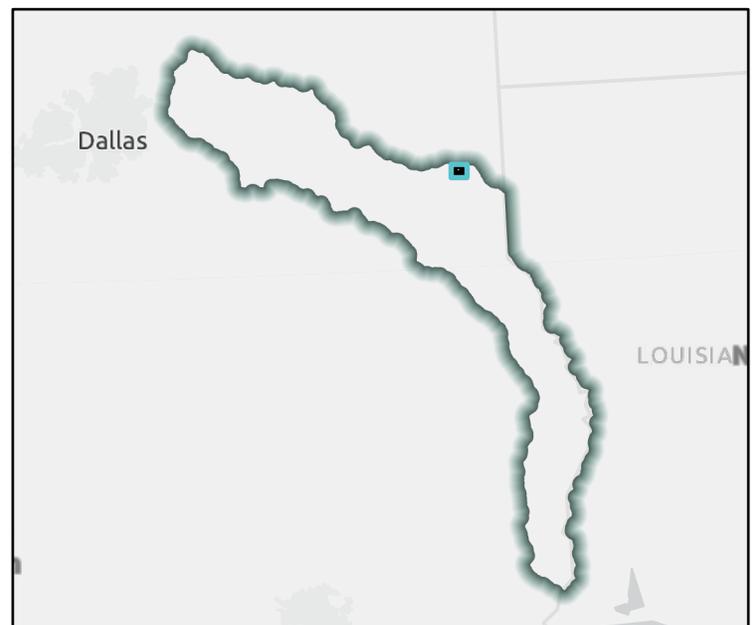
# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

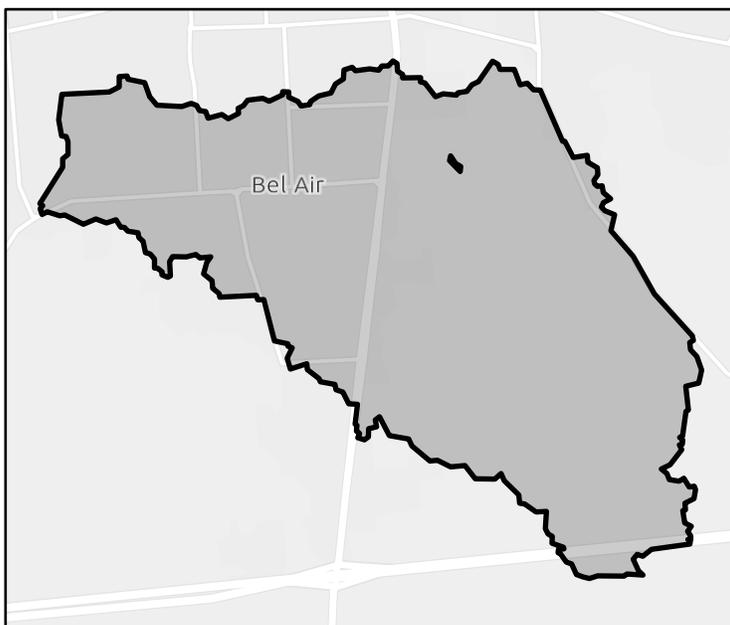
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

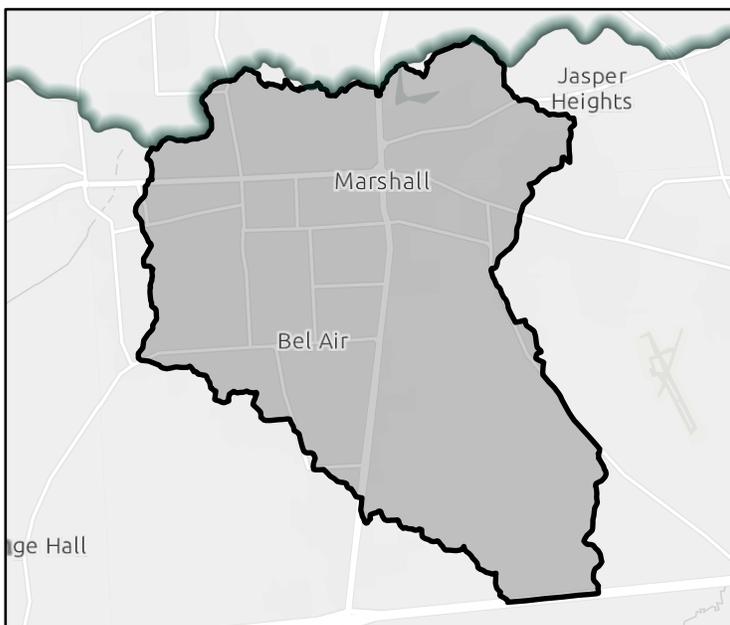
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Yes Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

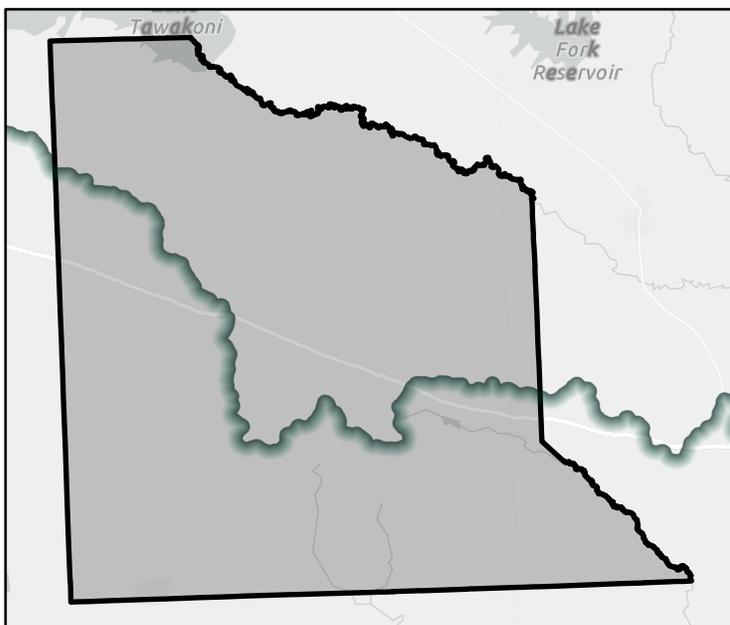
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

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

## Study Details

Study type  County

Study description

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

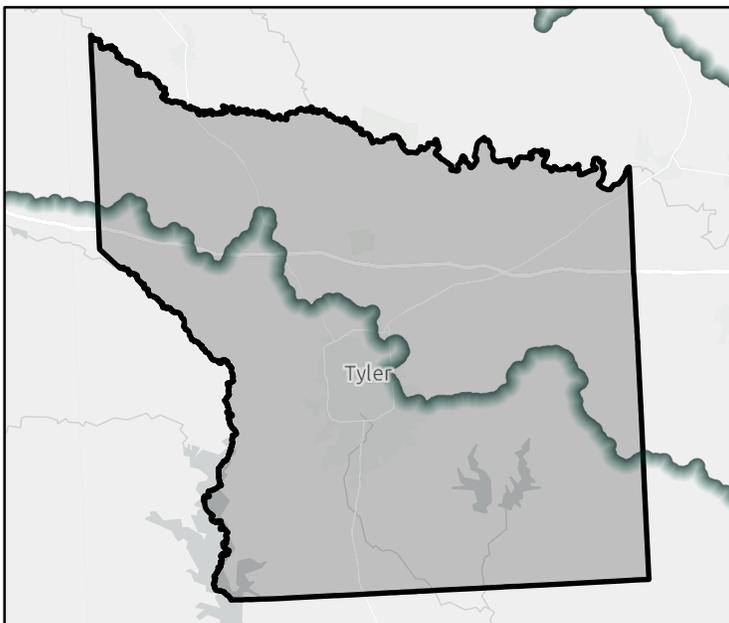
Goal(s)

## 100-Year Flood Risk Summary

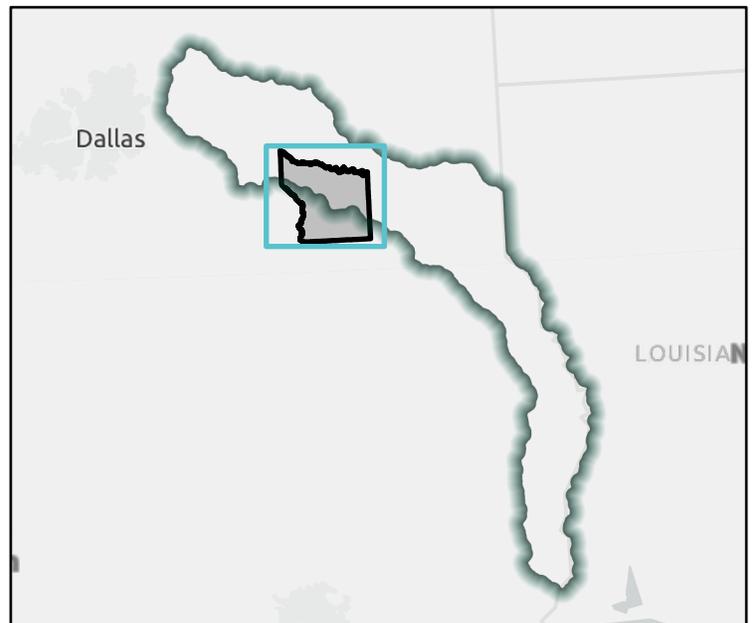
|                                |   |                               |                                    |                          |                                |        |                             |
|--------------------------------|---|-------------------------------|------------------------------------|--------------------------|--------------------------------|--------|-----------------------------|
| Population at risk             | <input type="text" value="2,893"/>      | # of structures               | <input type="text" value="1,303"/> | # of critical facilities | <input type="text" value="7"/> |        |                             |
| Flood risk type: Riverine?     | <input checked="" type="checkbox"/> Yes | Coastal?                      | <input type="checkbox"/> No        | Local Flooding?          | <input type="checkbox"/> No    | Other? | <input type="checkbox"/> No |
| Farm/Ranch land impacted (ac.) | <input type="text" value="9,799"/>      | Roadways impacted (miles)     | <input type="text" value="9,799"/> |                          |                                |        |                             |
| # of low water crossings       | <input type="text" value="0"/>          | # of historical road closures | <input type="text" value="0"/>     |                          |                                |        |                             |

## Estimated Cost and Funding Availability

|            |  |   |                             |                                   |                                   |
|------------|--|---|-----------------------------|-----------------------------------|-----------------------------------|
| Total Cost | <input type="text" value="\$225,000"/> | Potential federal funding availability? | <input type="checkbox"/> No | Potential Federal Funding Sources | <input type="text" value="None"/> |
|------------|--|---|-----------------------------|-----------------------------------|-----------------------------------|



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Yes Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

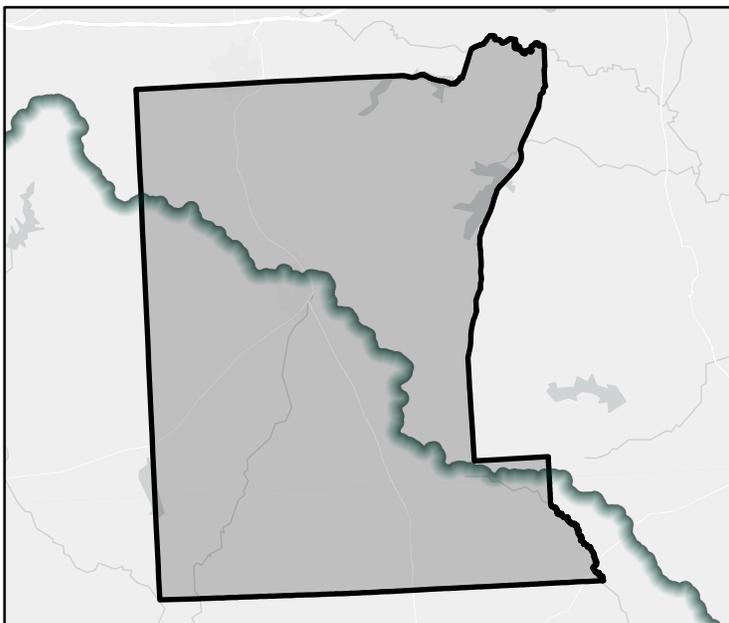
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

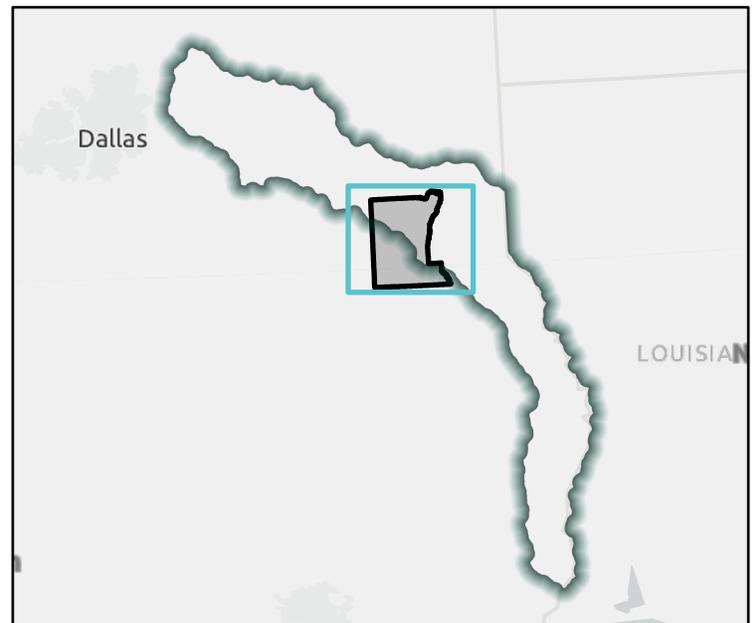
# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

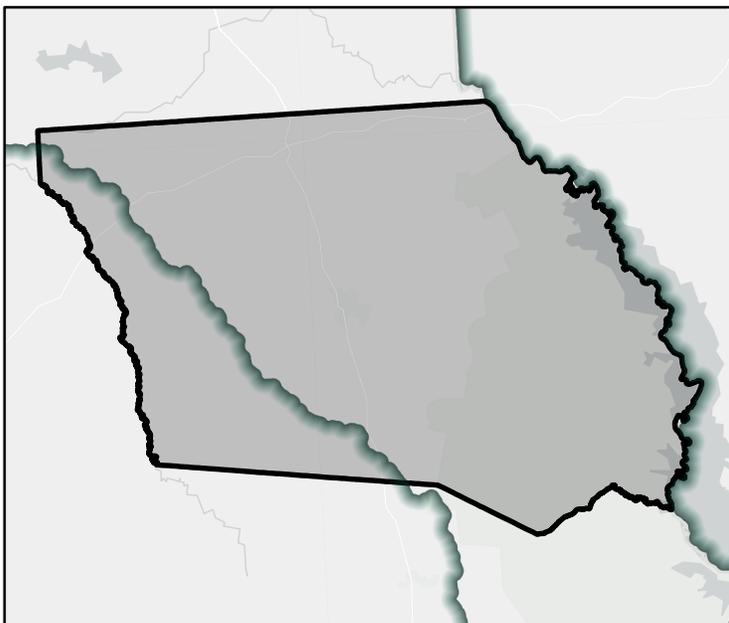
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

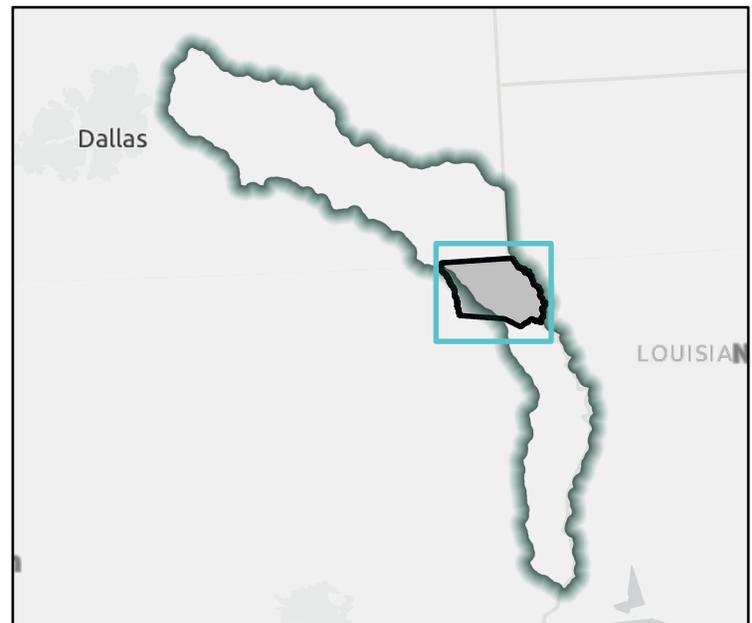
# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title Jasper County Drainage Master Plan

ID# 041000083 Sponsor Jasper (County)

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

## Study Details

Study type Watershed Planning County Jasper

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

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? No Drainage area (sq. mi., est.) 966

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

## 100-Year Flood Risk Summary

Population at risk 2,481 # of structures 945 # of critical facilities 11

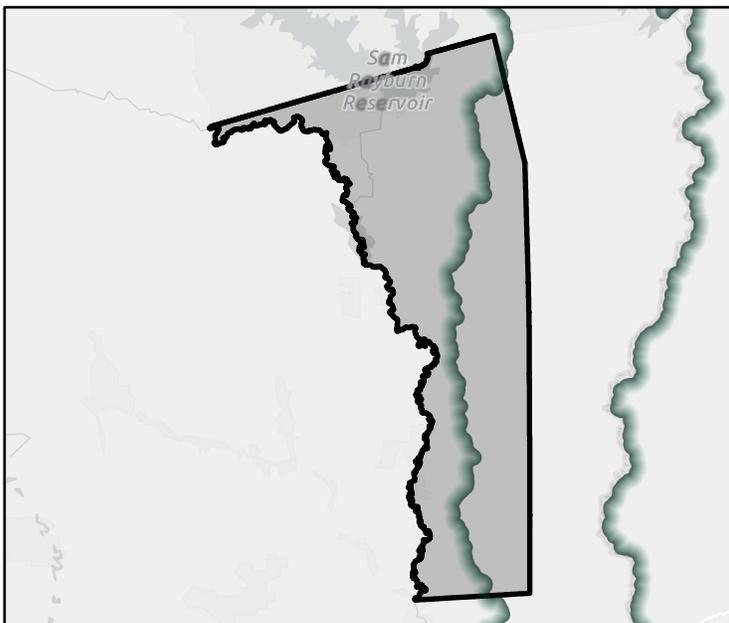
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) 5,864 Roadways impacted (miles) 5,864

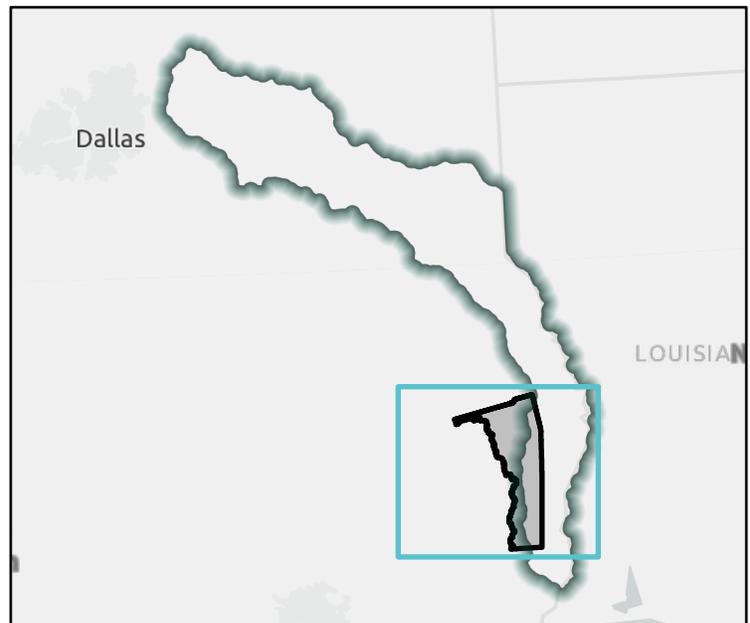
# of low water crossings 5 # of historical road closures 5

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

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

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

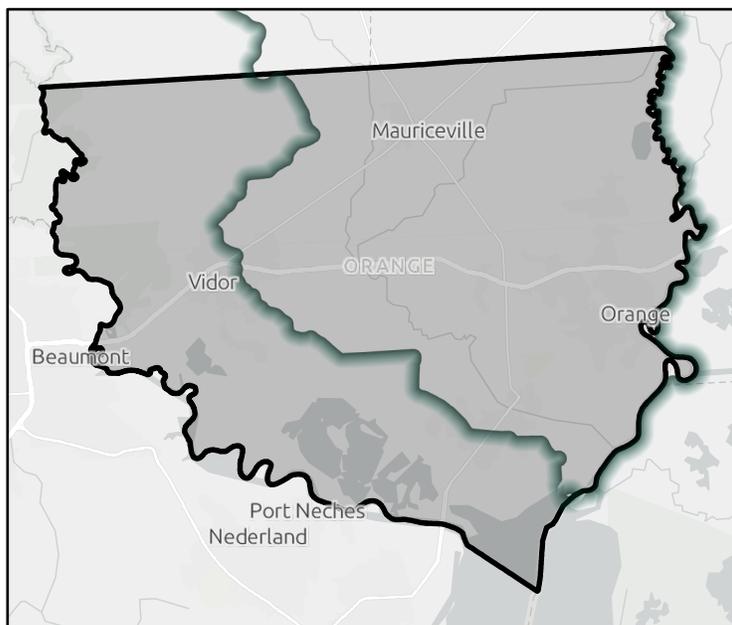
Flood risk type: Riverine?  Yes Coastal?  Yes Local Flooding?  No Other?  No

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

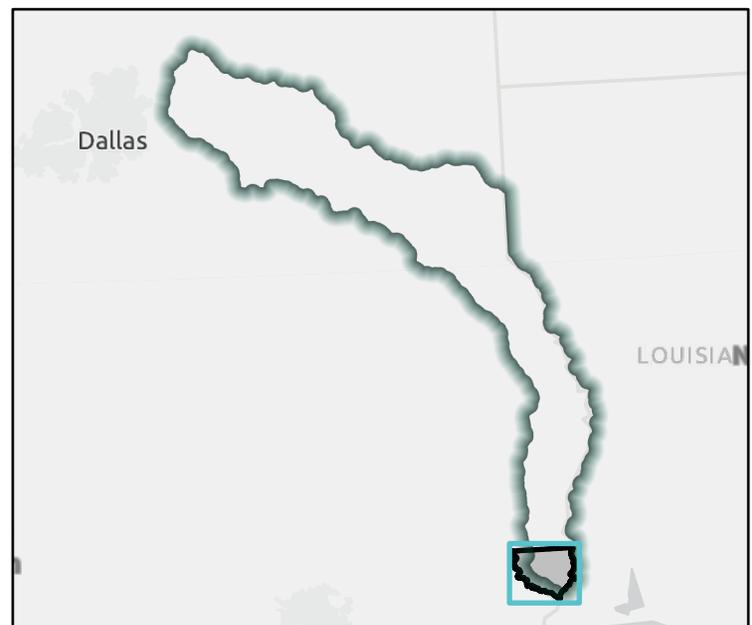
# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

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

## Study Details

Study type  County

Study description

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

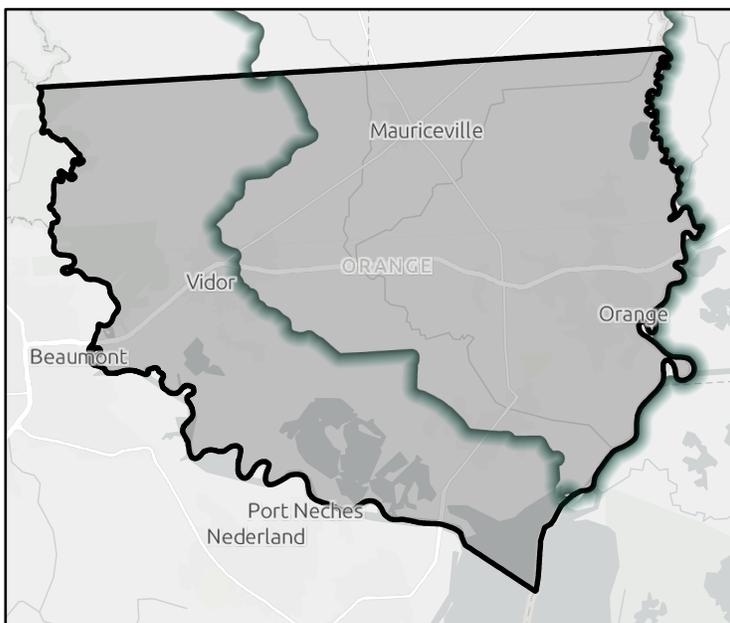
Goal(s)

## 100-Year Flood Risk Summary

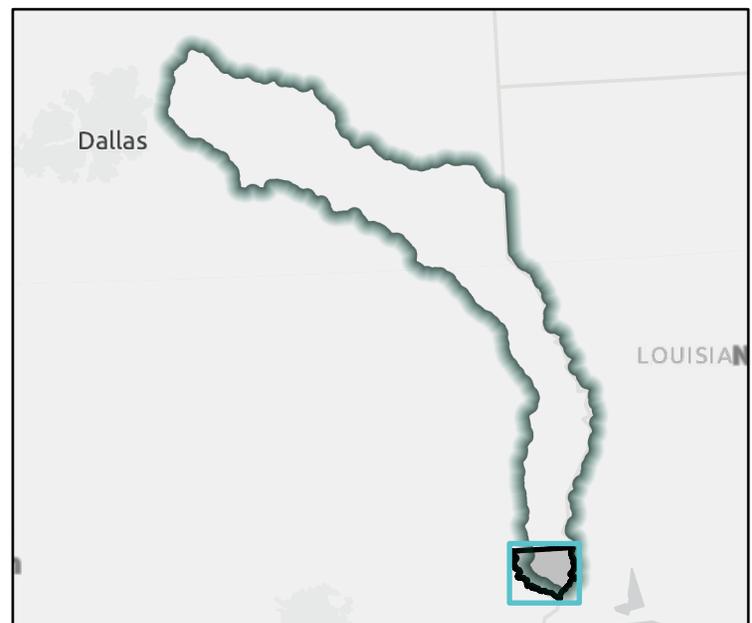
|                                |   |                               |   |                          |                                  |
|--------------------------------|---|-------------------------------|---|--------------------------|----------------------------------|
| Population at risk             | <input type="text" value="44,427"/>     | # of structures               | <input type="text" value="16,974"/>     | # of critical facilities | <input type="text" value="269"/> |
| Flood risk type: Riverine?     | <input checked="" type="checkbox"/> Yes | Coastal?                      | <input checked="" type="checkbox"/> Yes | Local Flooding?          | <input type="checkbox"/> No      |
|                                |   |                               |   | Other?                   | <input type="checkbox"/> No      |
| Farm/Ranch land impacted (ac.) | <input type="text" value="13,579"/>     | Roadways impacted (miles)     | <input type="text" value="13,579"/>     |                          |                                  |
| # of low water crossings       | <input type="text" value="22"/>         | # of historical road closures | <input type="text" value="22"/>         |                          |                                  |

## Estimated Cost and Funding Availability

|            |  |   |                             |                                   |                                   |
|------------|--|---|-----------------------------|-----------------------------------|-----------------------------------|
| Total Cost | <input type="text" value="\$675,000"/> | Potential federal funding availability? | <input type="checkbox"/> No | Potential Federal Funding Sources | <input type="text" value="None"/> |
|------------|--|---|-----------------------------|-----------------------------------|-----------------------------------|



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title Kaufman County Flood Hazard Mapping

ID# 041000086 Sponsor Kaufman (County)

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

## Study Details

Study type Watershed Planning County Kaufman

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

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

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

## 100-Year Flood Risk Summary

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

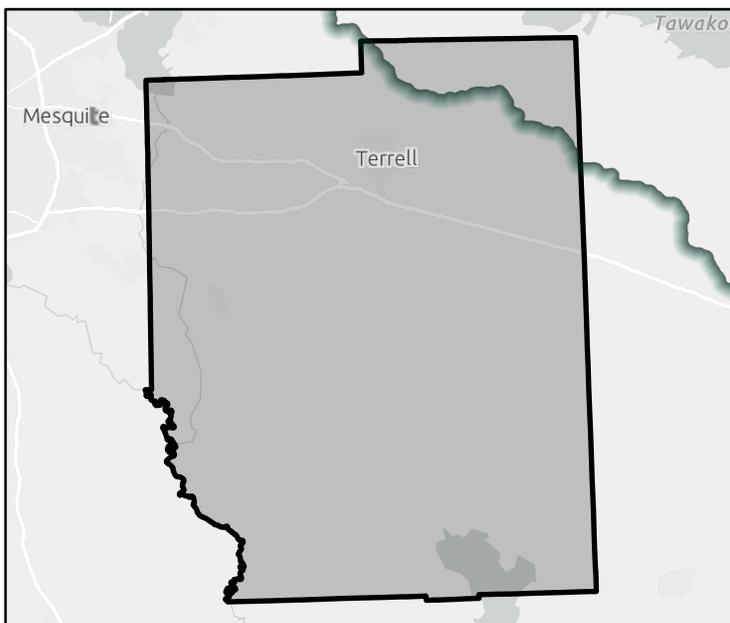
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

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

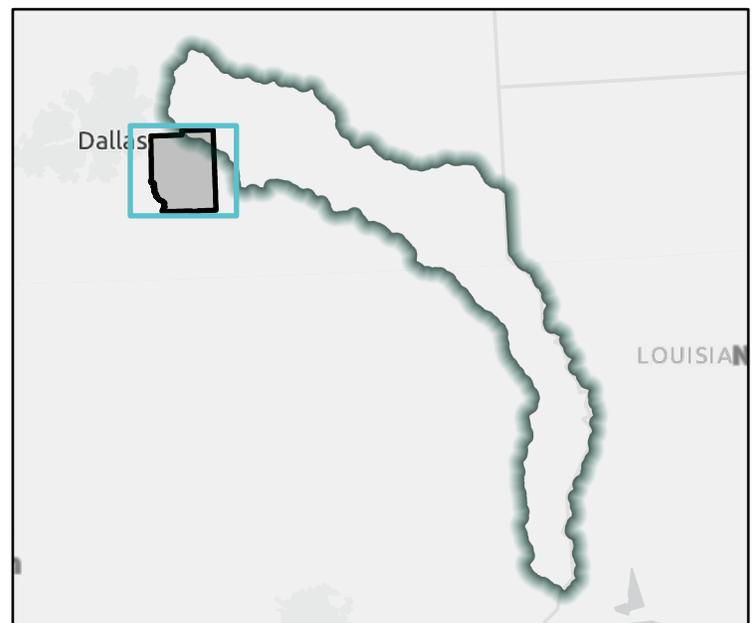
# of low water crossings 3 # of historical road closures 3

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

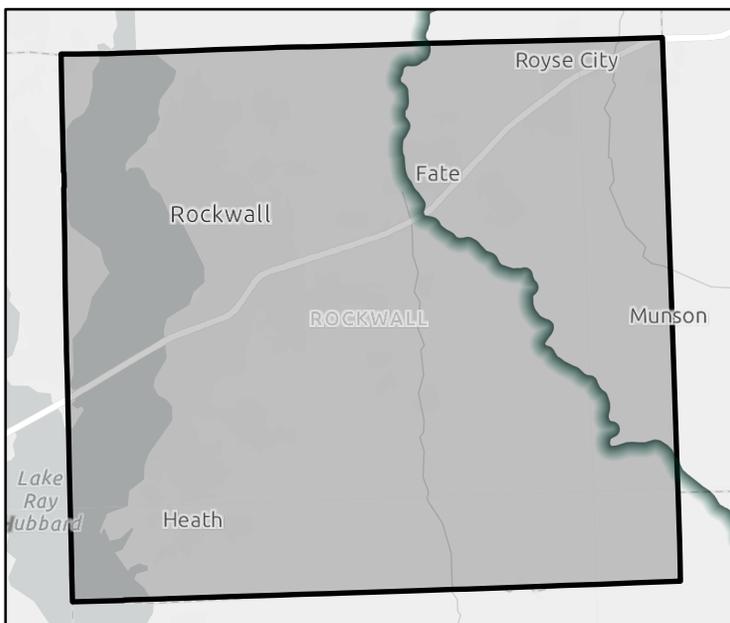
Goal(s)

## 100-Year Flood Risk Summary

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

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Yes Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

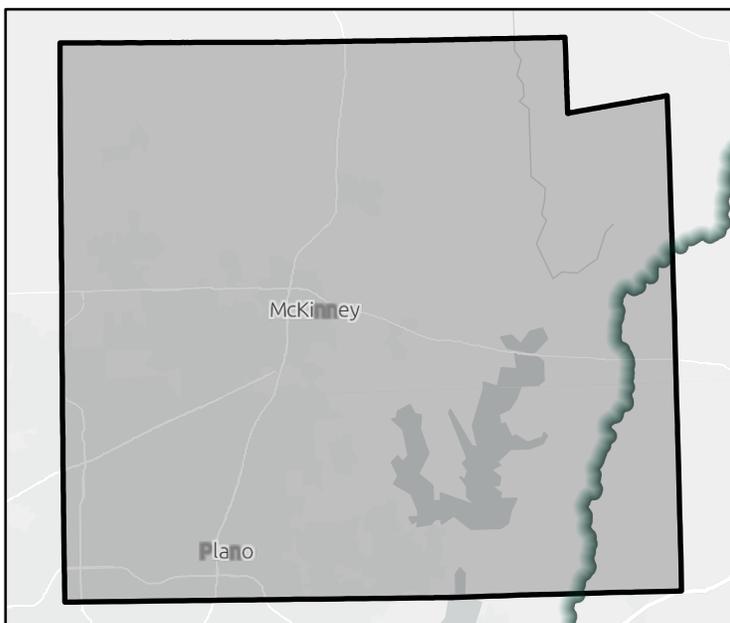
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

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

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

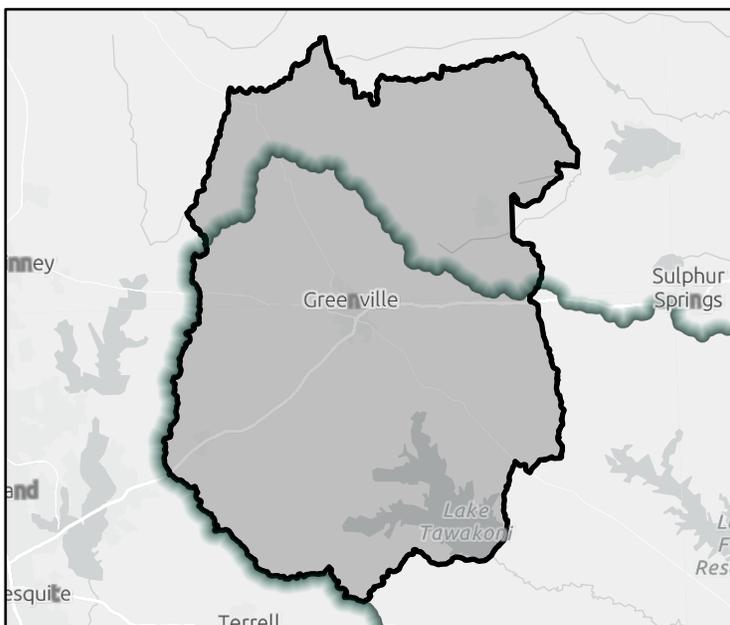
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

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

## Study Details

Study type  County

Study description

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

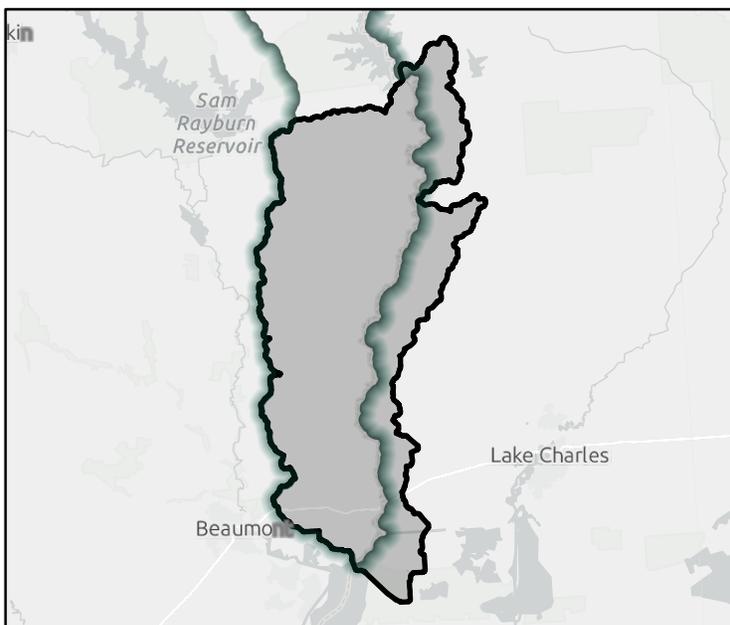
Goal(s)

## 100-Year Flood Risk Summary

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

## Estimated Cost and Funding Availability

|            |  |   |                             |                                   |                                   |
|------------|--|---|-----------------------------|-----------------------------------|-----------------------------------|
| Total Cost | <input type="text" value="\$250,000"/> | Potential federal funding availability? | <input type="checkbox"/> No | Potential Federal Funding Sources | <input type="text" value="None"/> |
|------------|--|---|-----------------------------|-----------------------------------|-----------------------------------|



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

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

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

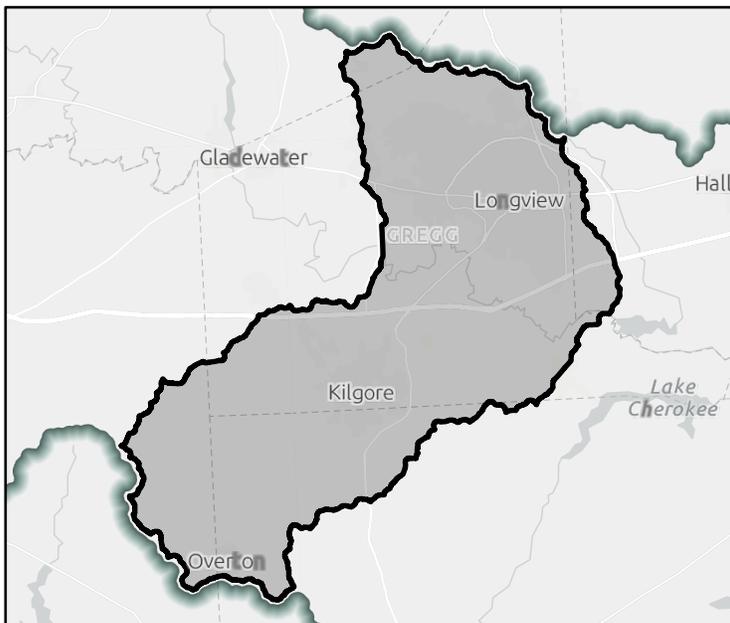
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

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

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

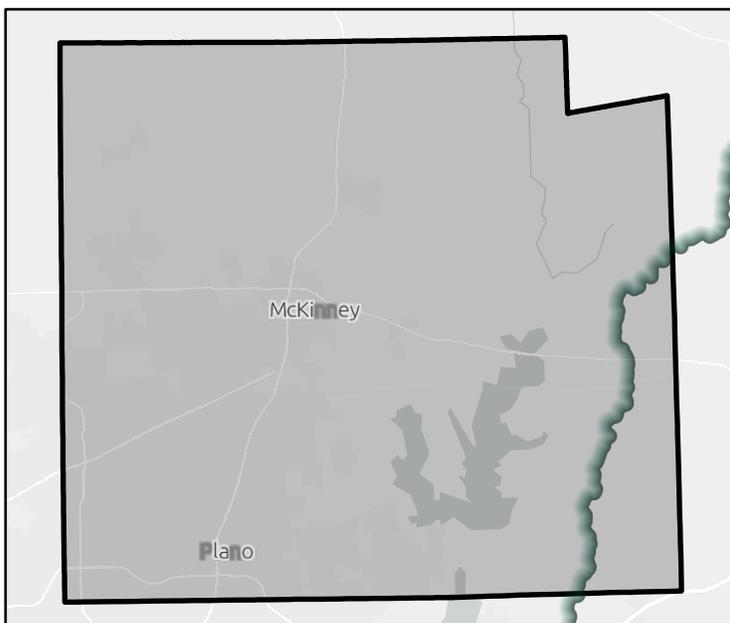
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

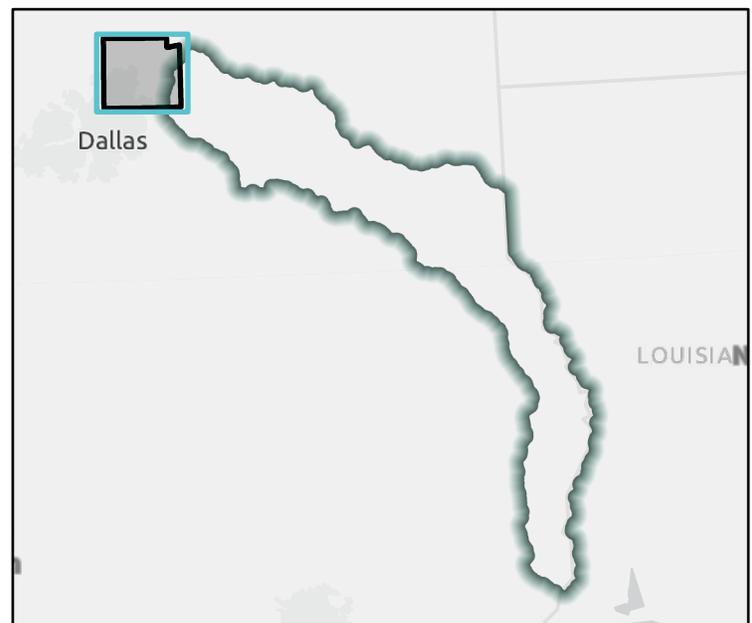
# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Yes Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

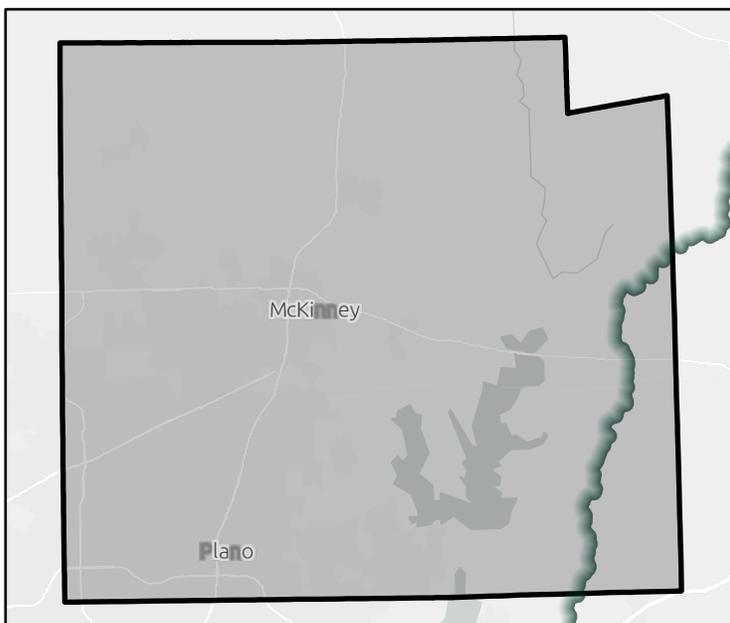
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

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

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

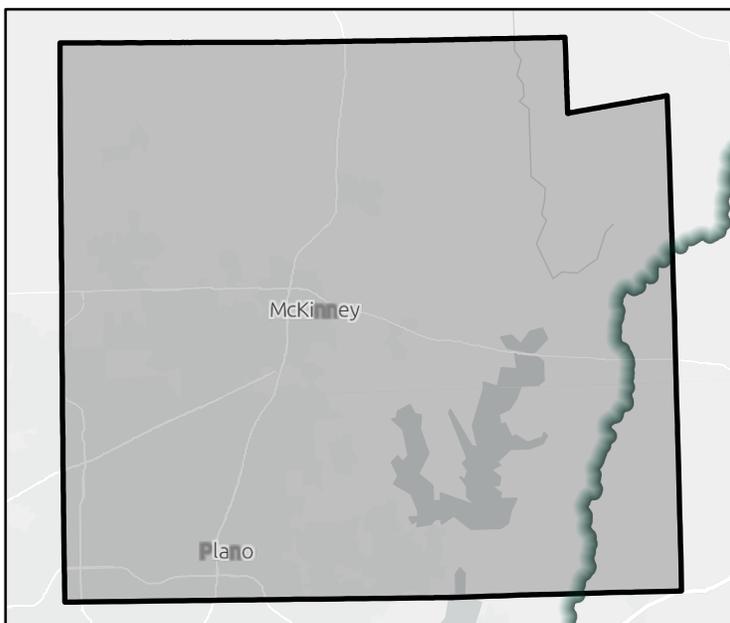
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

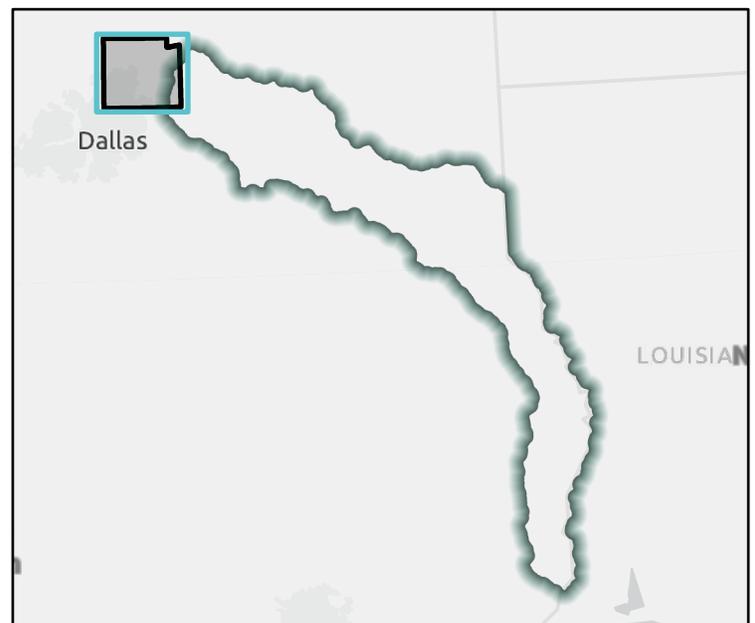
# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

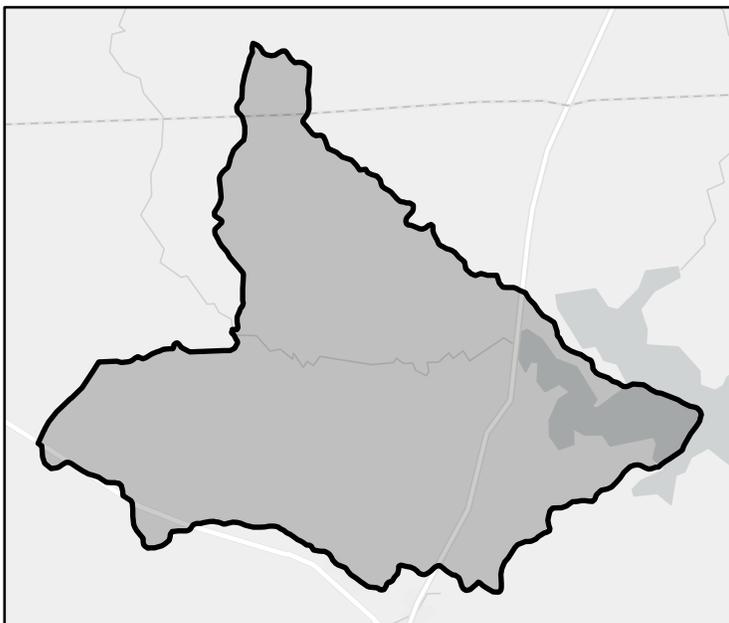
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

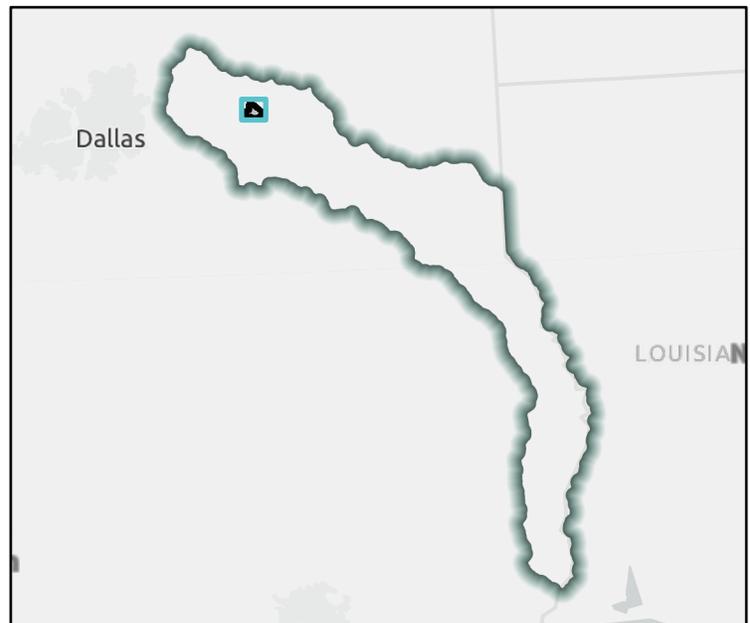
# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



Title

ID#  Sponsor

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

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

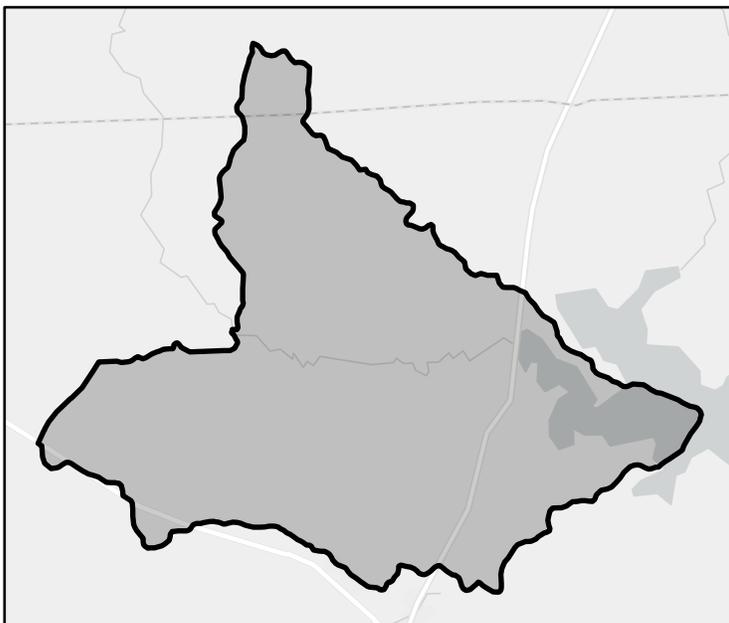
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

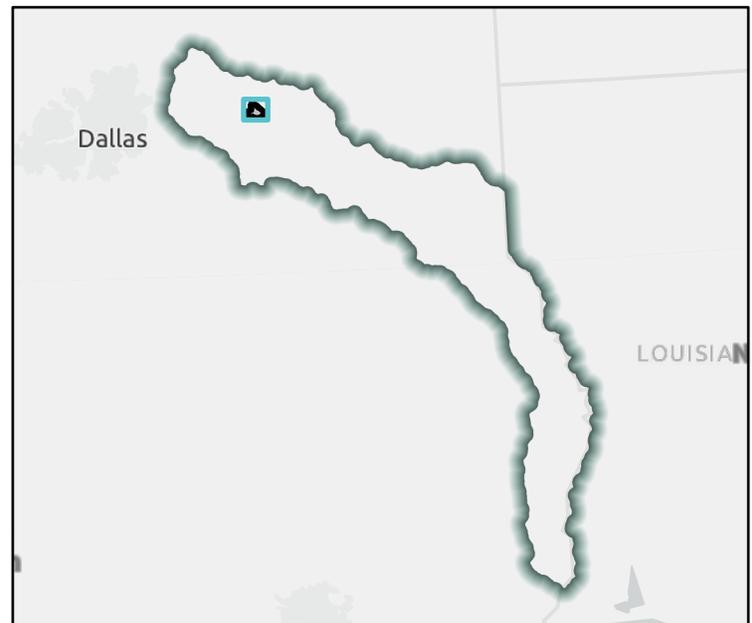
# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Yes Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

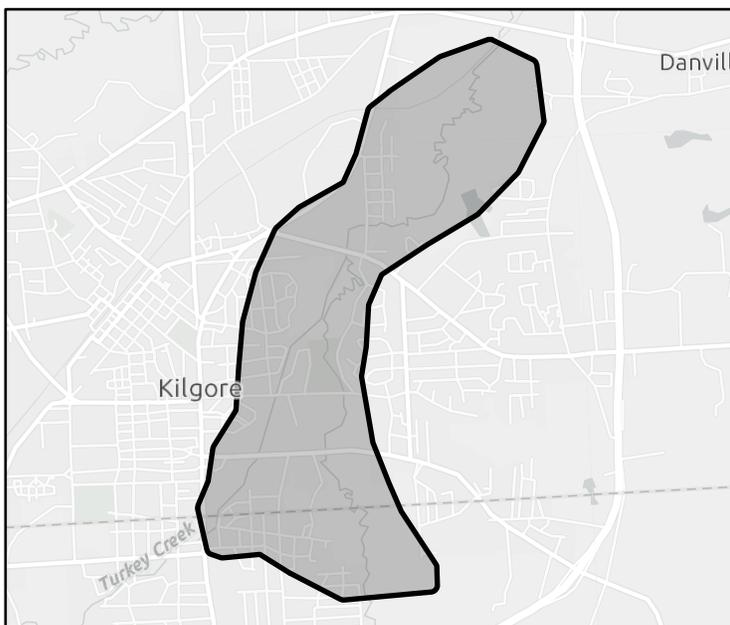
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title Guthrie Creek Corridor Flooding

ID# 041000098 Sponsor Longview (Municipality)

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

## Study Details

Study type Project Planning County Gregg

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

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

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

## 100-Year Flood Risk Summary

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

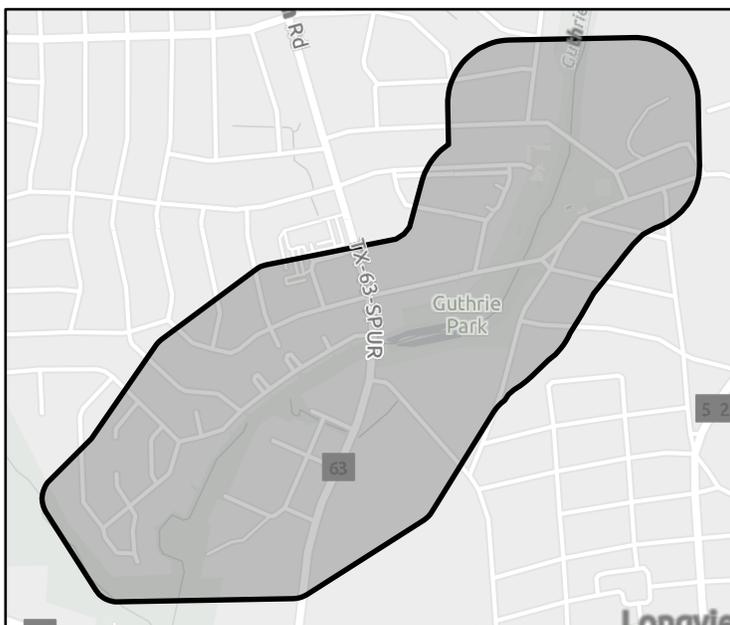
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

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

# of low water crossings 0 # of historical road closures 0

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Yes  No Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

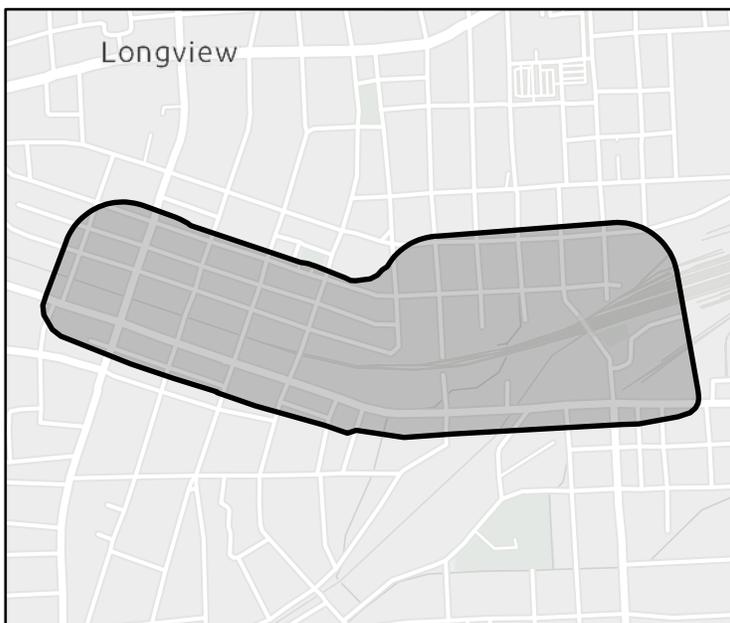
Flood risk type: Riverine?  Yes  No Coastal?  No  Yes Local Flooding?  No  Yes Other?  No  Yes

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

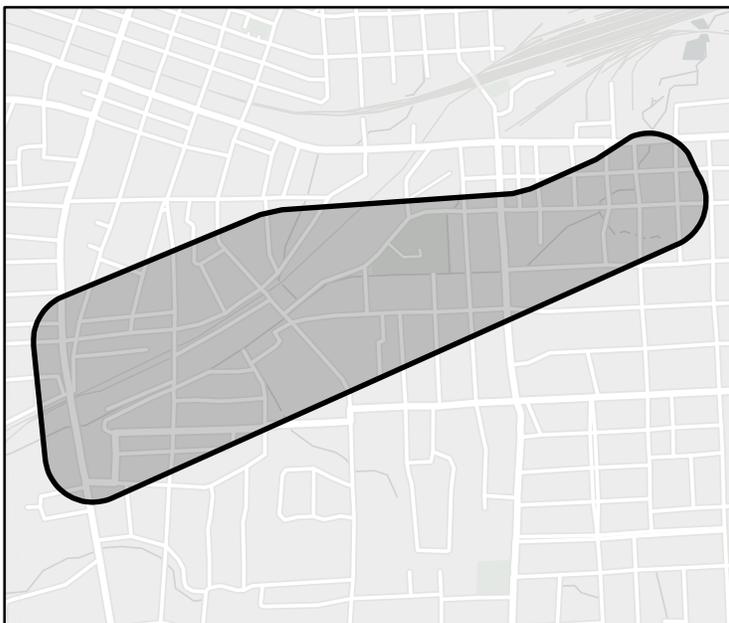
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Yes  No Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

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

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

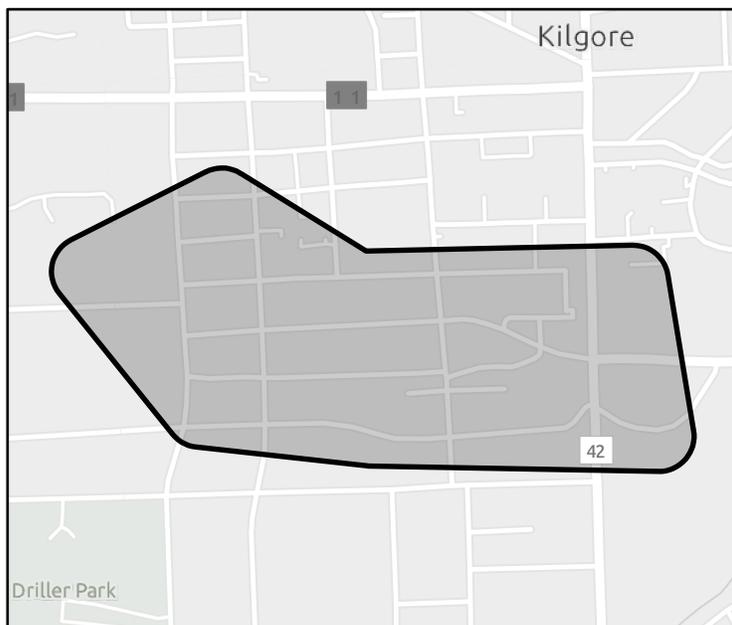
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

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

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

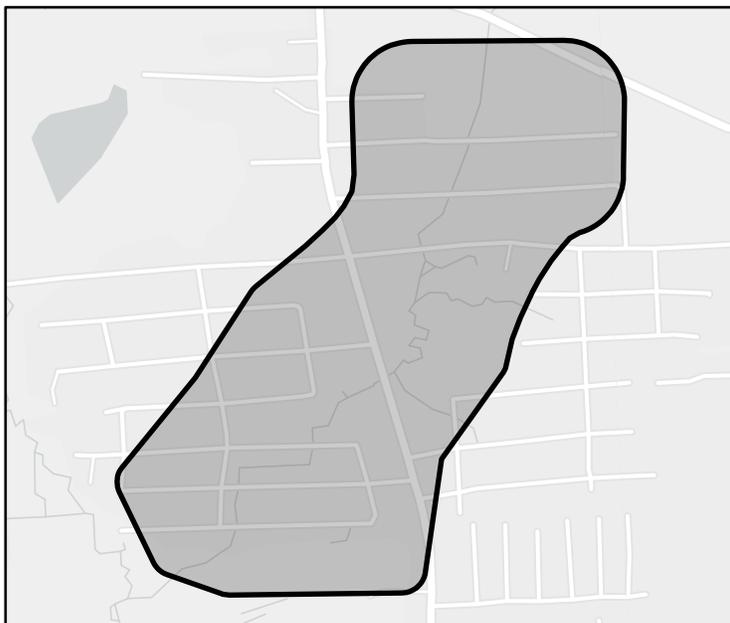
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

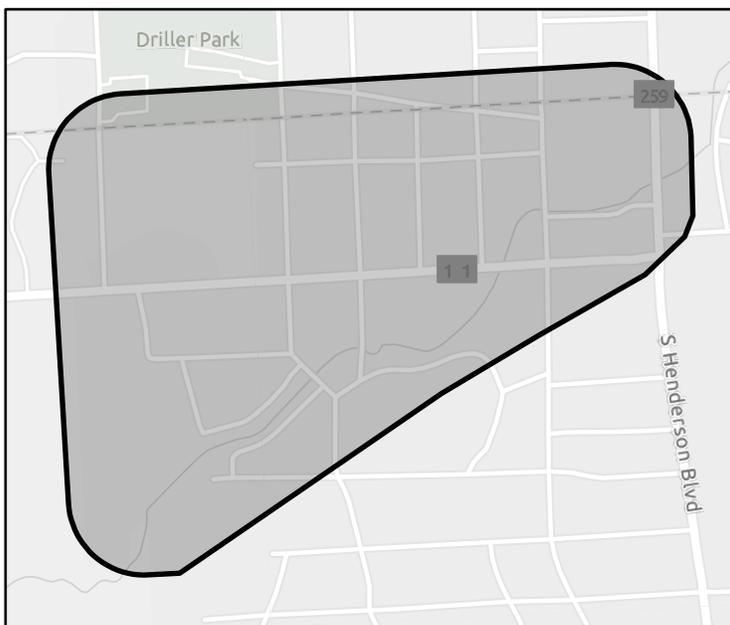
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Yes  No Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

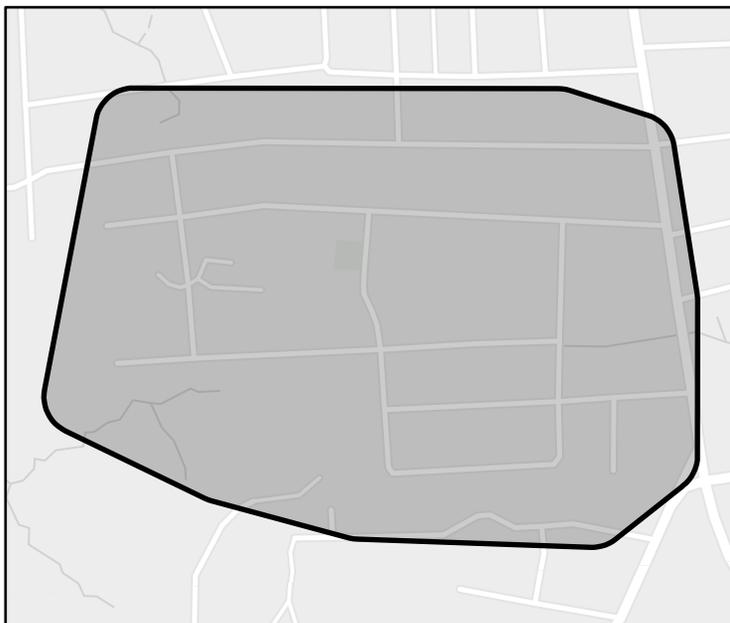
Flood risk type: Riverine?  Yes  No Coastal?  No  Yes Local Flooding?  No  Yes Other?  No  Yes

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Yes Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

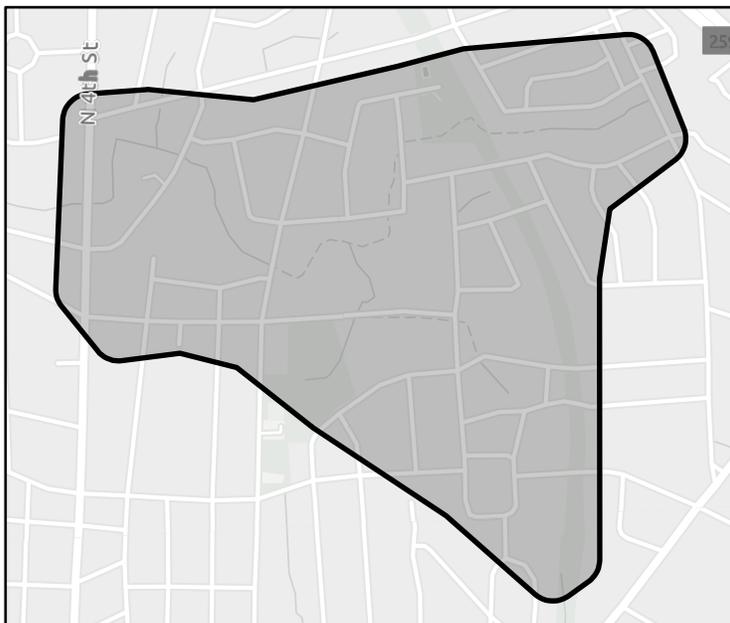
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Farm/Ranch land impacted (ac.)  Roadways impacted (miles)

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

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Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

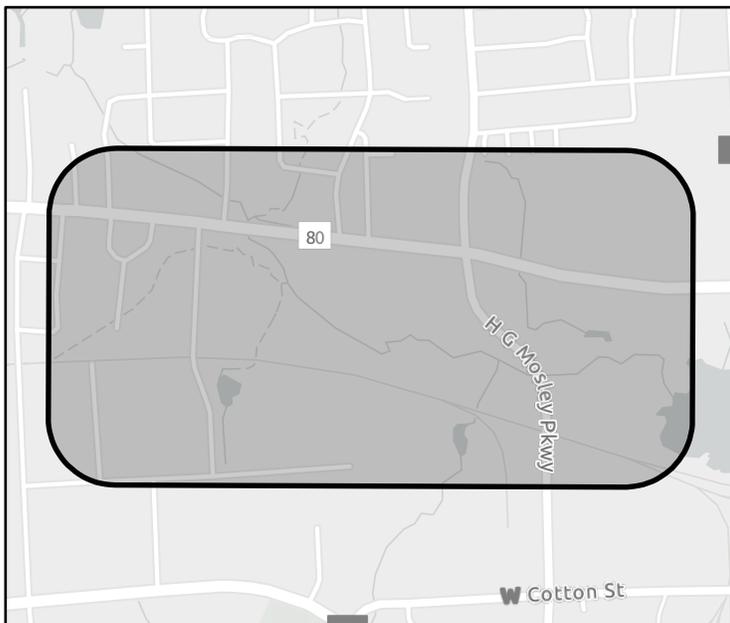
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

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

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

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

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

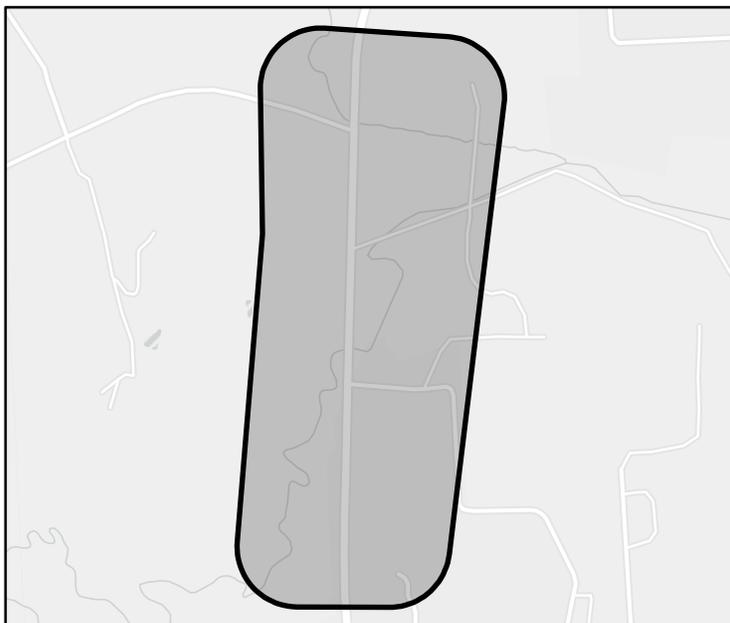
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

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

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

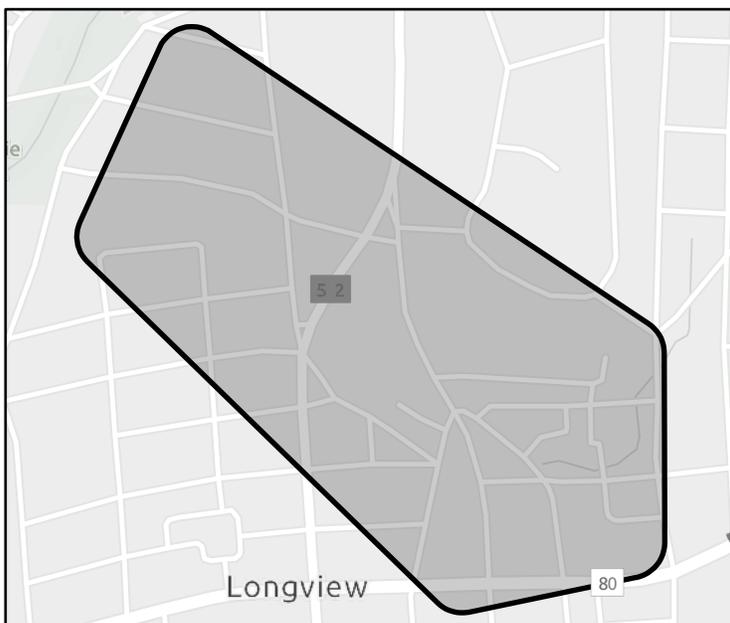
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title SH 135 Underpass Flooding

ID# 041000112 Sponsor Kilgore (Municipality)

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

## Study Details

Study type Project Planning County Gregg

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

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

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

## 100-Year Flood Risk Summary

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

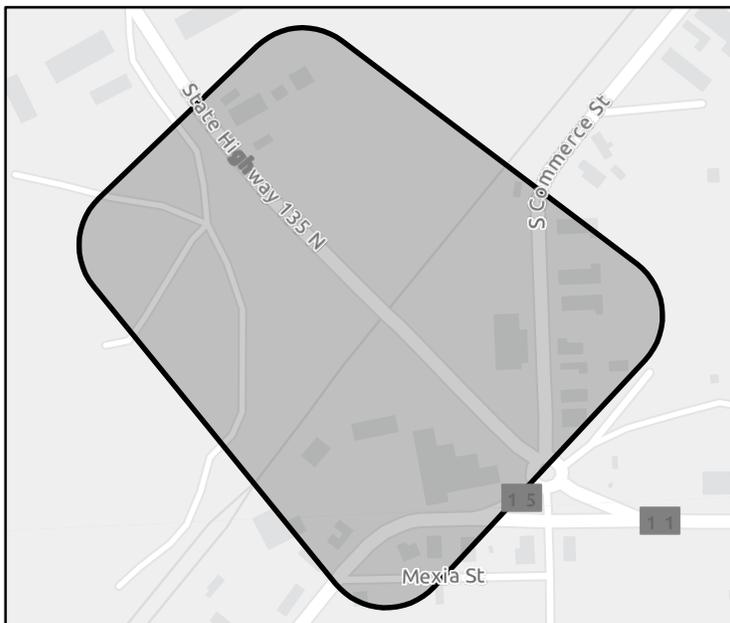
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

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

# of low water crossings - # of historical road closures -

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

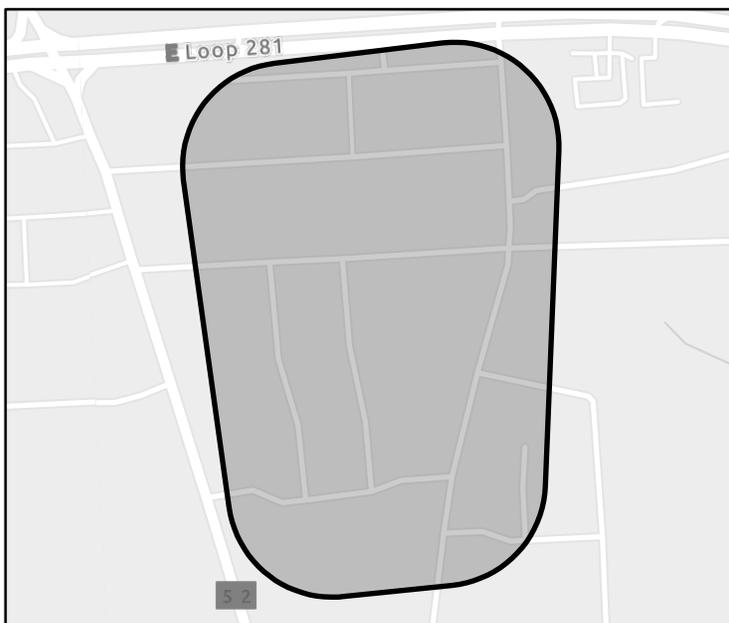
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

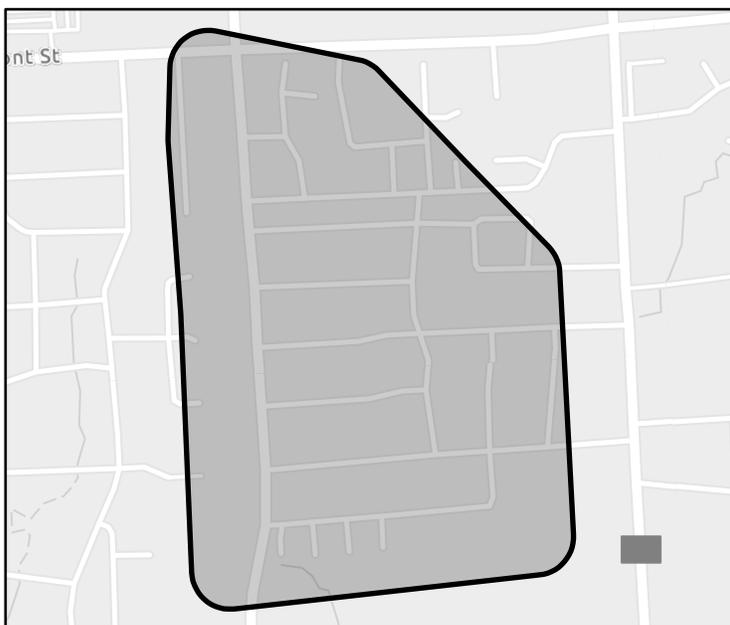
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

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

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

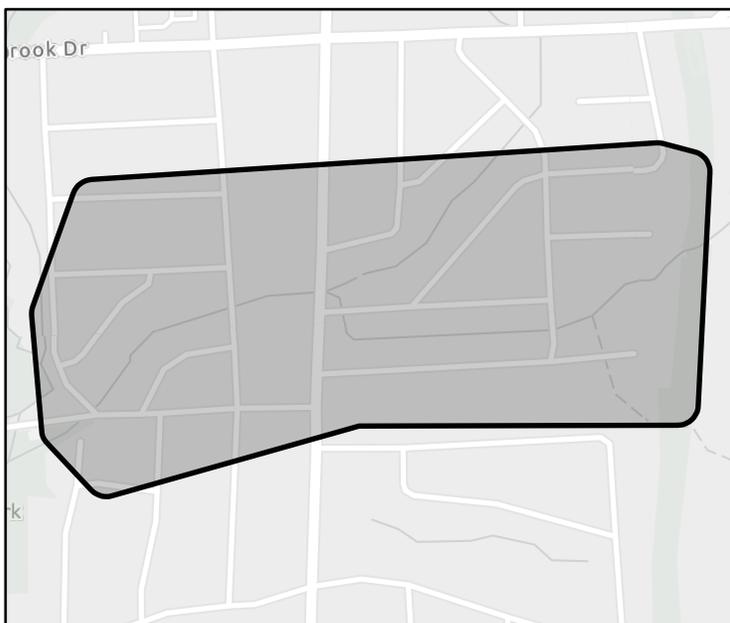
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

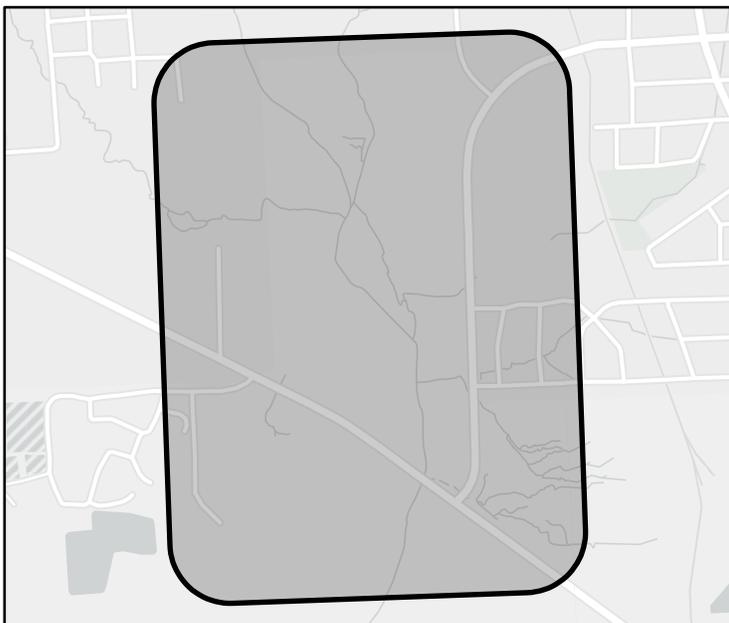
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

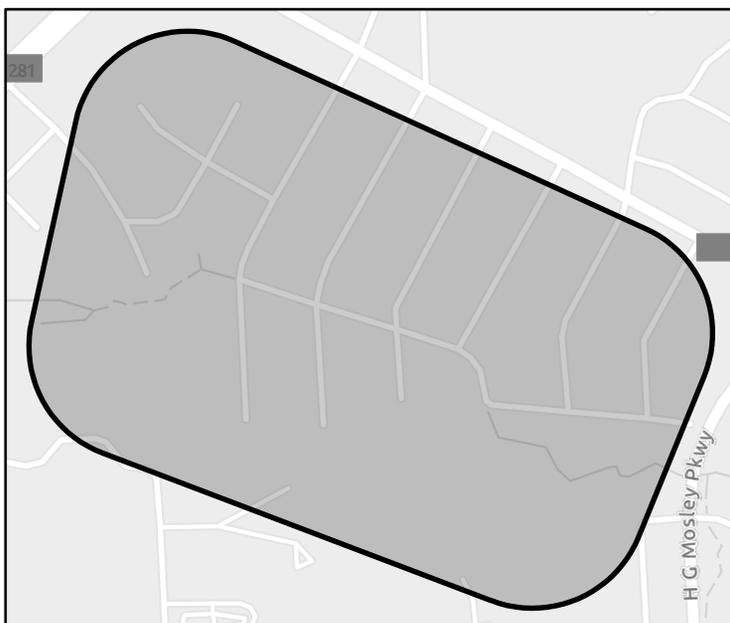
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

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

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

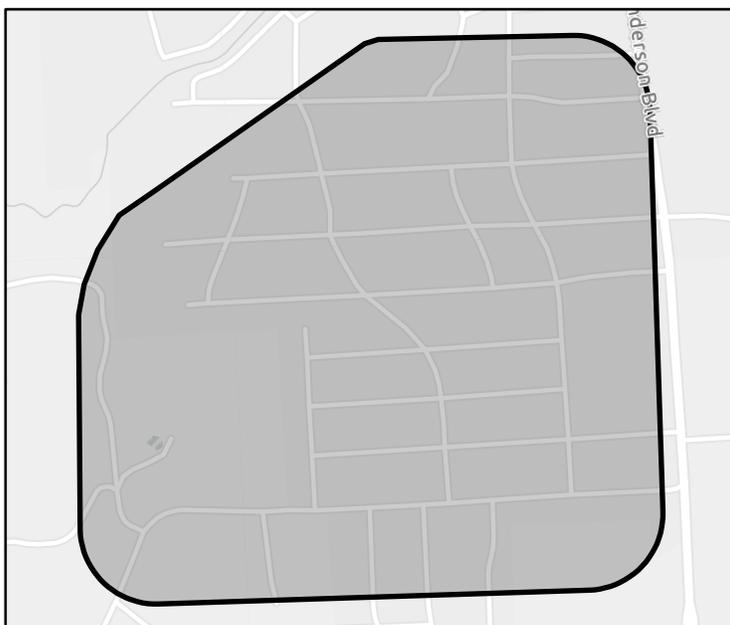
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

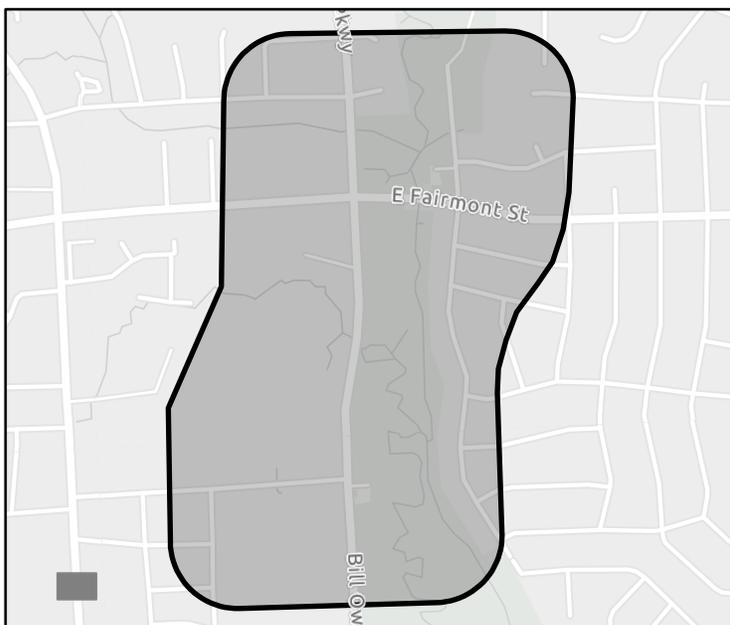
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title Secretariat Trail Neighborhood Flooding

ID# 041000122 Sponsor Longview (Municipality)

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

## Study Details

Study type Project Planning County Gregg

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

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

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

## 100-Year Flood Risk Summary

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

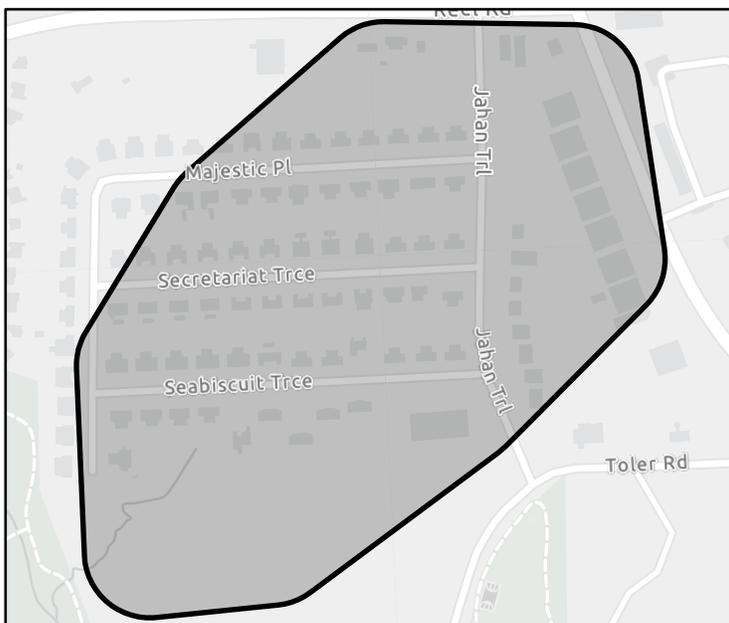
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

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

# of low water crossings - # of historical road closures -

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

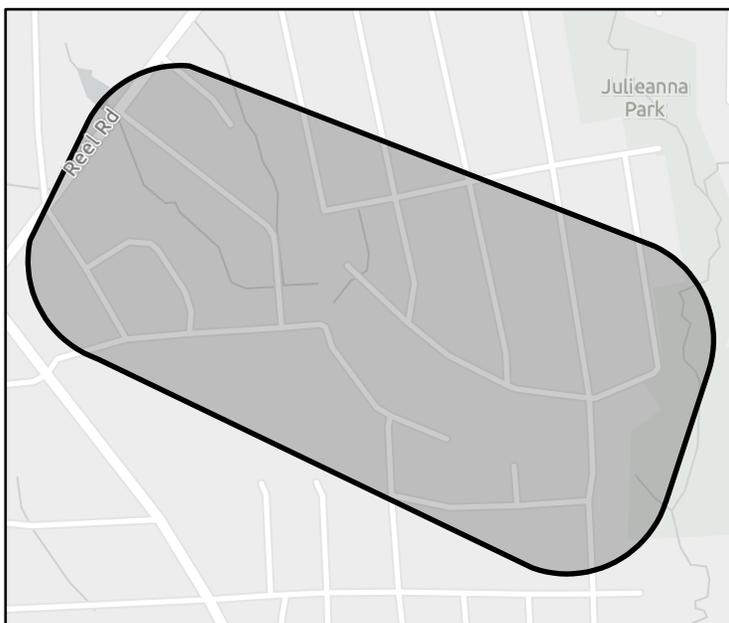
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

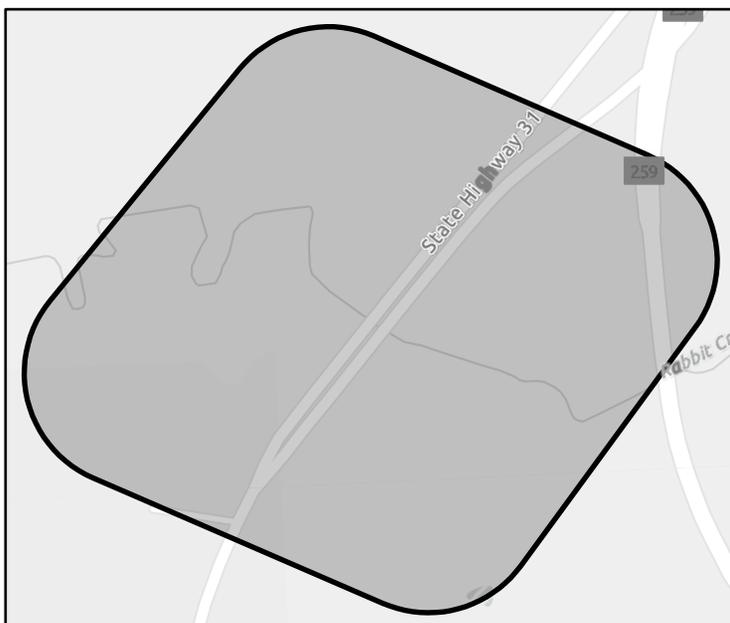
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

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

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

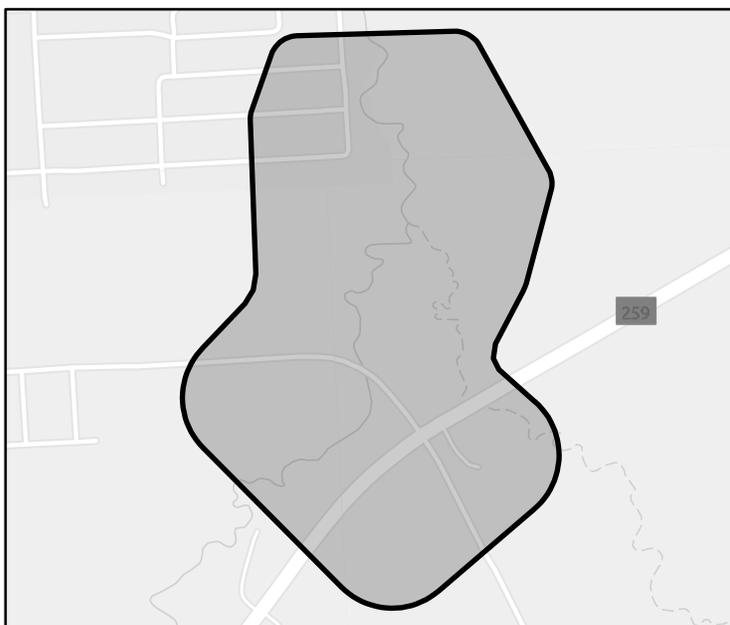
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

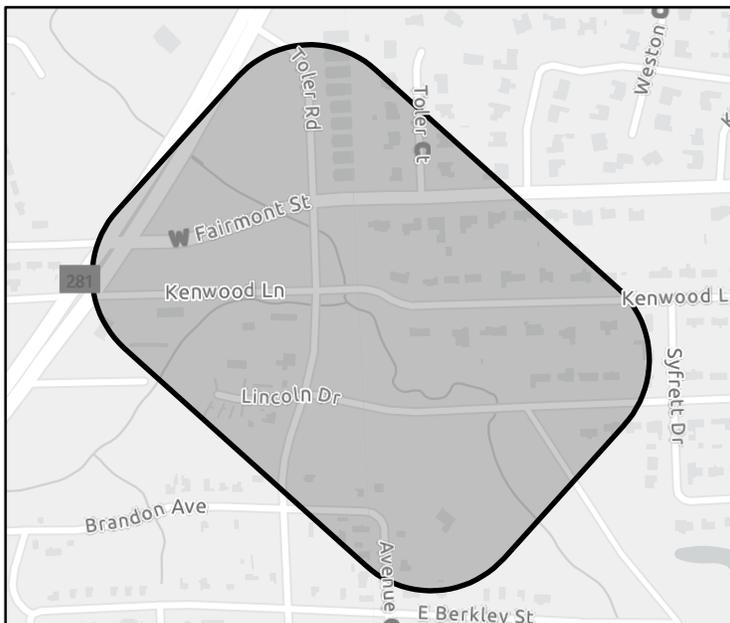
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

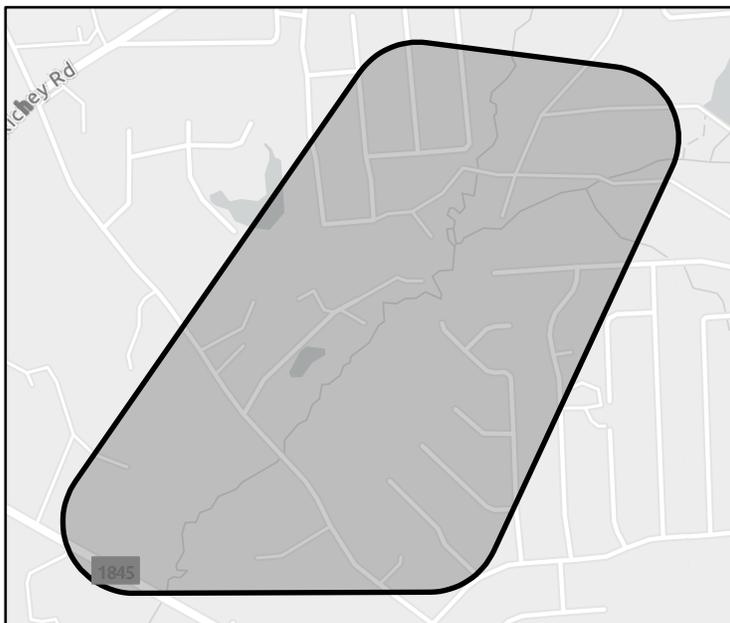
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

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

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

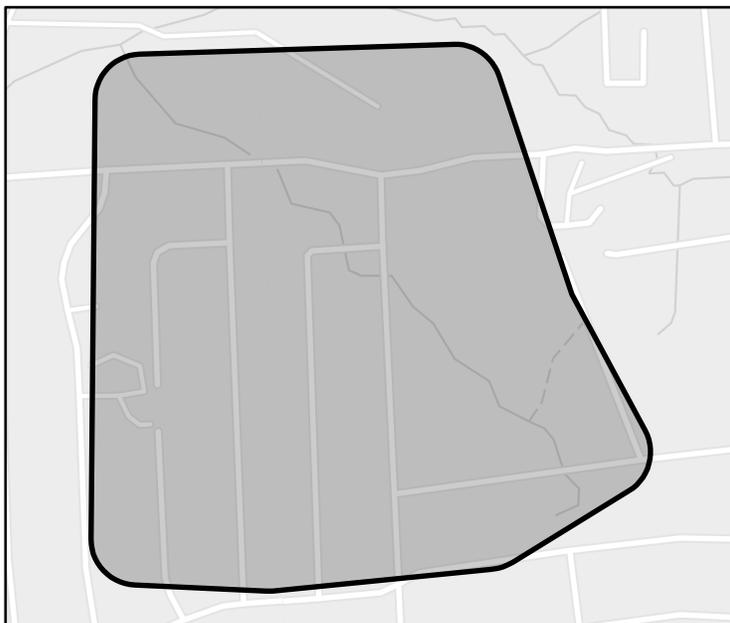
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

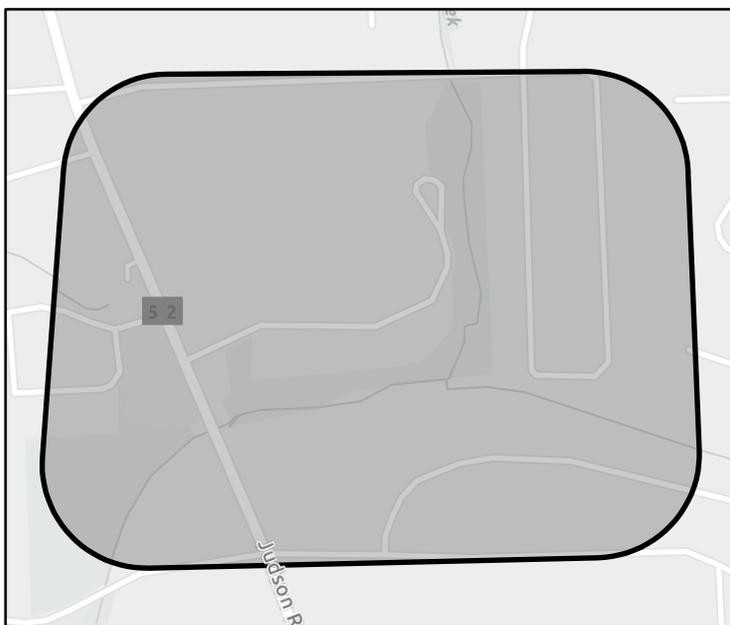
Goal(s)

## 100-Year Flood Risk Summary

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

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

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

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Yes  No Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

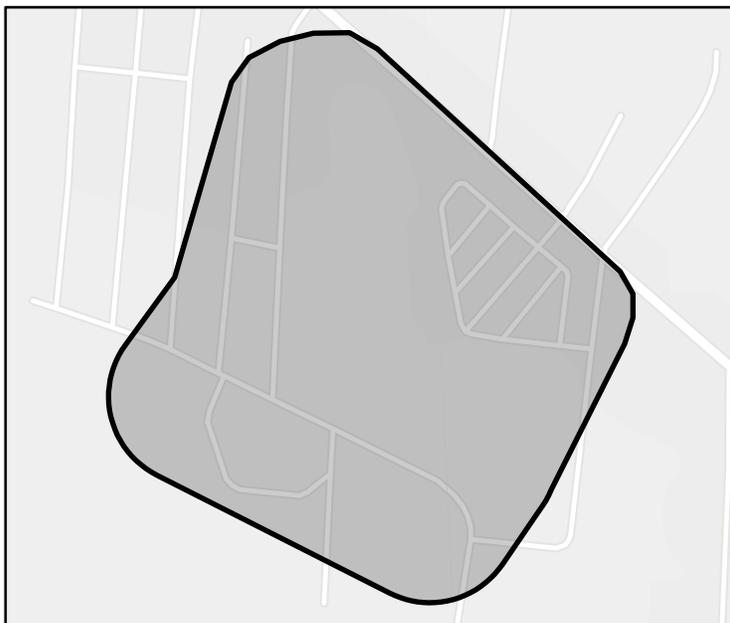
Flood risk type: Riverine?  Yes  No Coastal?  No  Yes Local Flooding?  No  Yes Other?  No  Yes

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

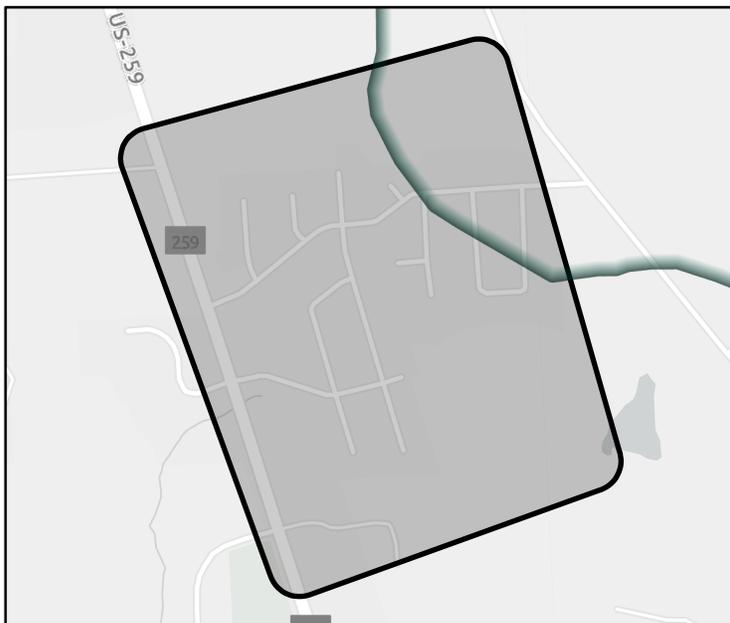
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

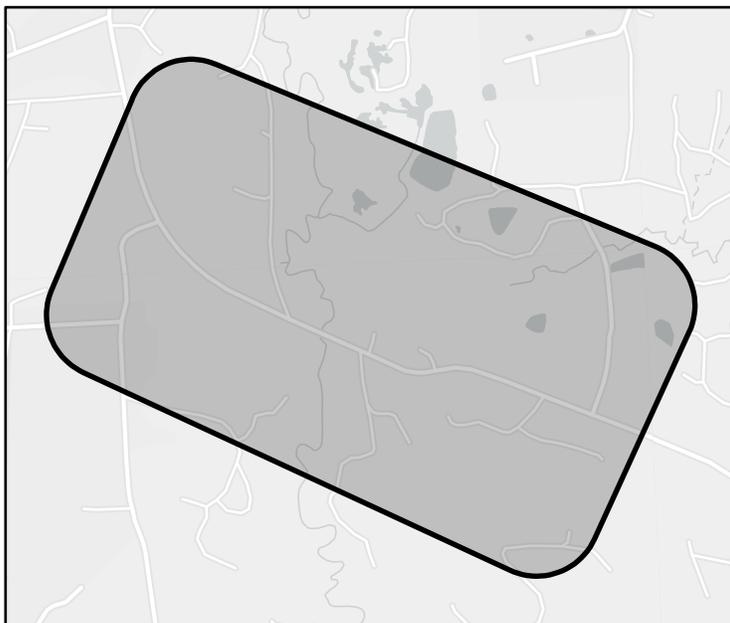
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

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

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

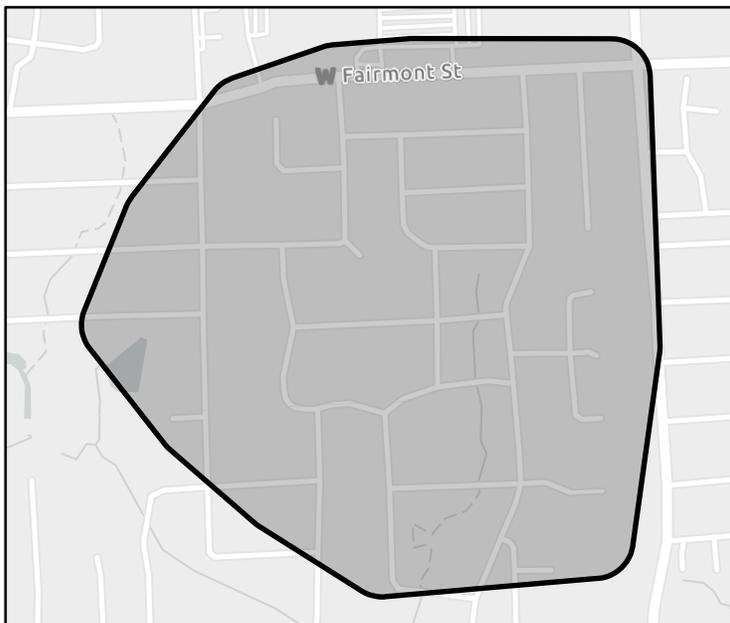
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title Sabine Street and Railroad Flooding

ID# 041000136 Sponsor Longview (Municipality)

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

## Study Details

Study type Project Planning County Gregg

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

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

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

## 100-Year Flood Risk Summary

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

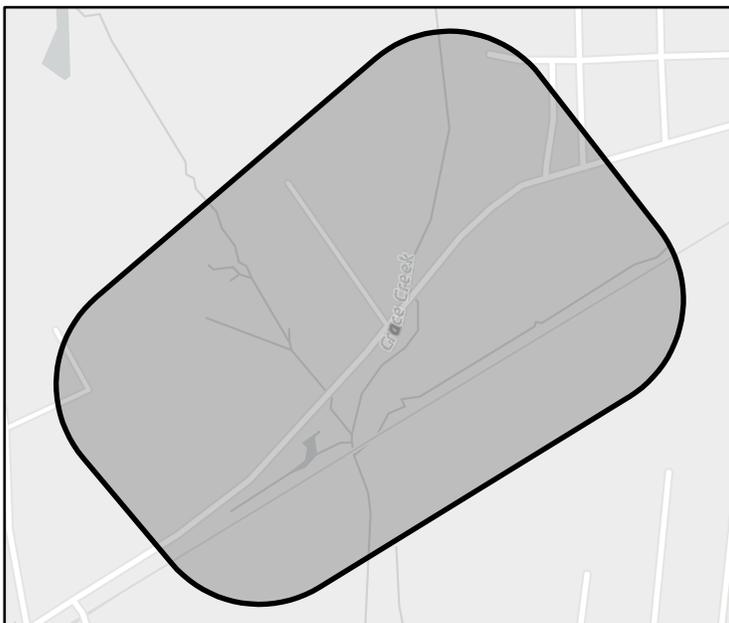
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

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

# of low water crossings 0 # of historical road closures 0

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

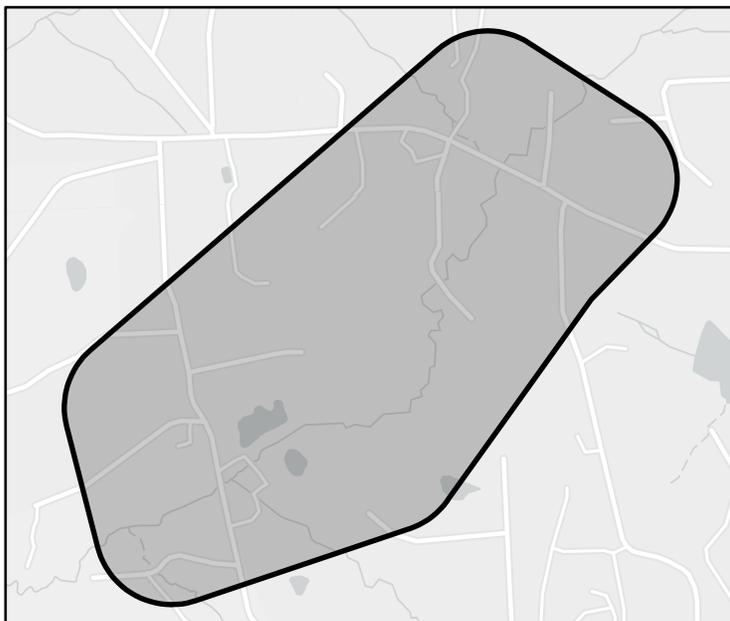
Goal(s)

## 100-Year Flood Risk Summary

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

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title Coleman Drive Neighborhood Flooding

ID# 041000138 Sponsor Longview (Municipality)

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

## Study Details

Study type Project Planning County Gregg

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

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

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

## 100-Year Flood Risk Summary

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

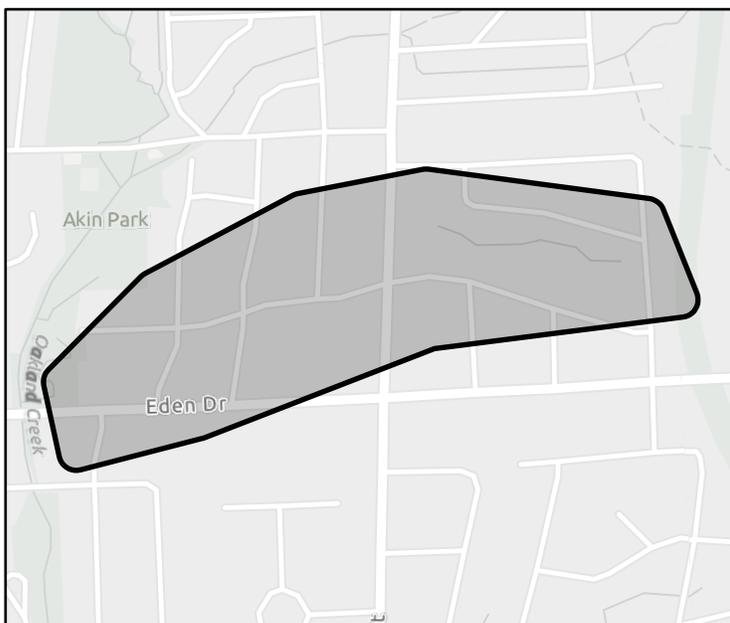
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

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

# of low water crossings - # of historical road closures -

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

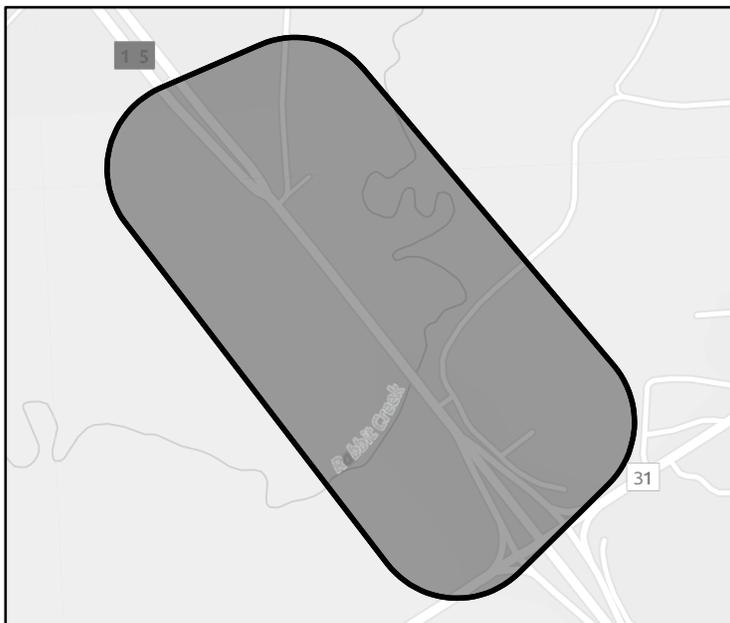
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

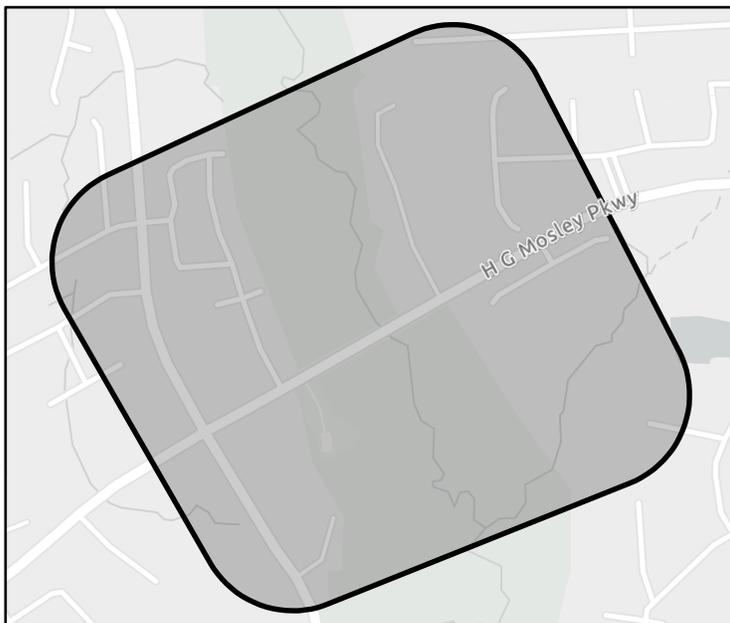
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

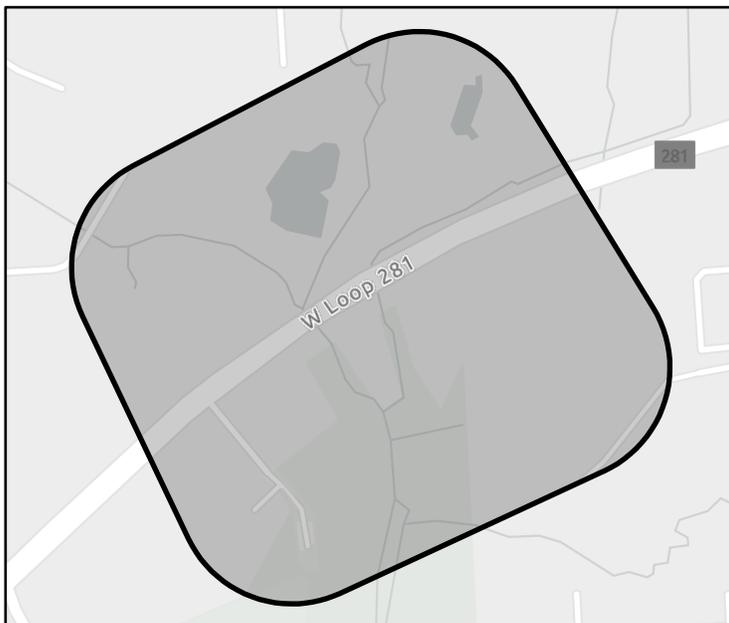
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

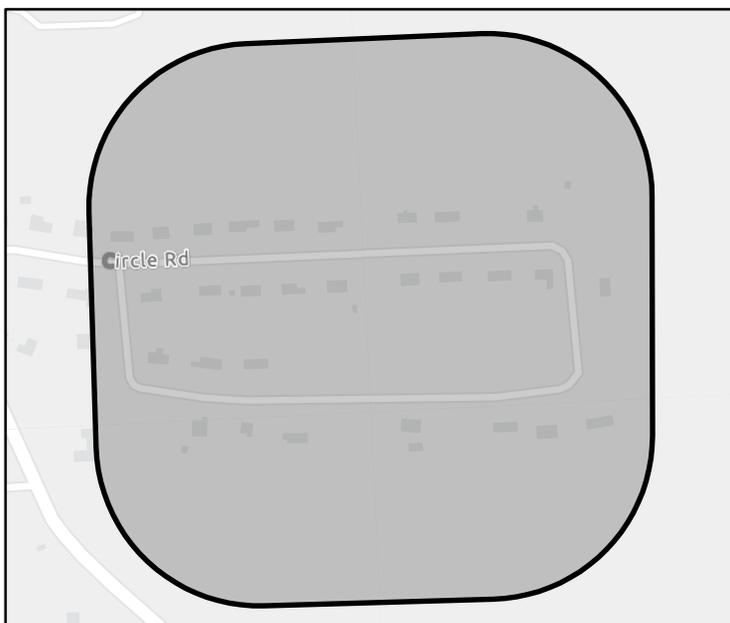
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

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

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

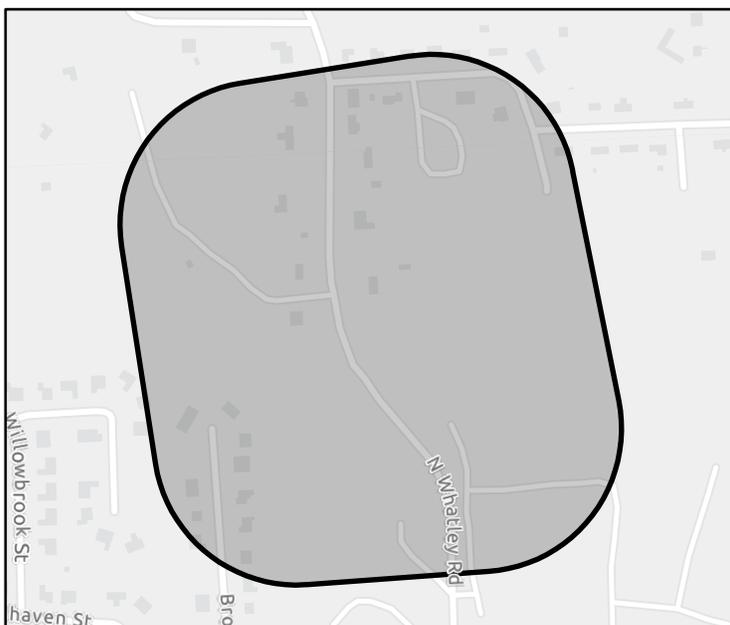
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title Meadowbrook Neighborhood Flooding

ID# 041000144 Sponsor Kilgore (Municipality)

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

## Study Details

Study type Project Planning County Rusk

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

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

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

## 100-Year Flood Risk Summary

Population at risk 64 # of structures 27 # of critical facilities 0

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

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

# of low water crossings 0 # of historical road closures 0

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

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

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

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

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

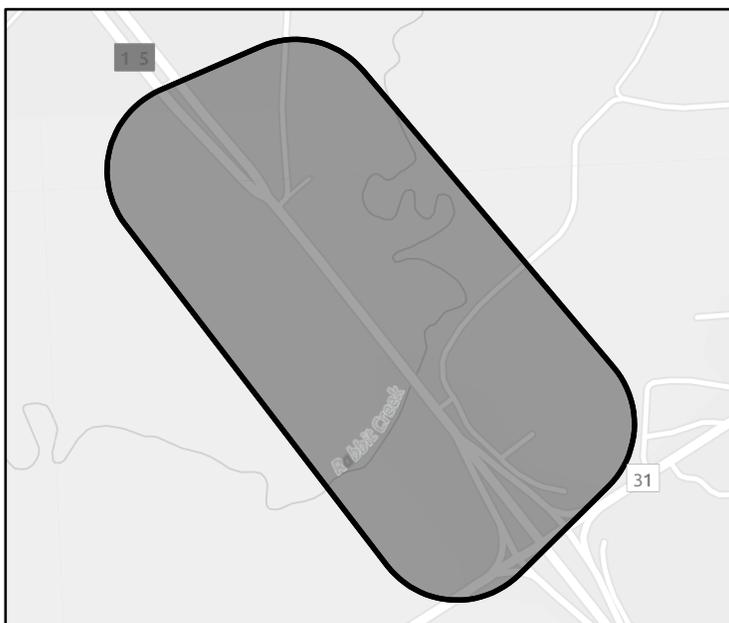
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

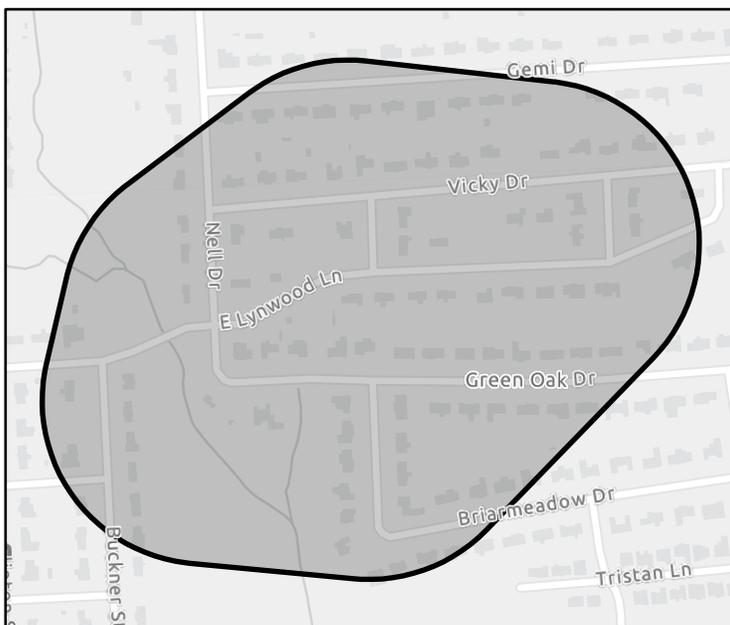
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

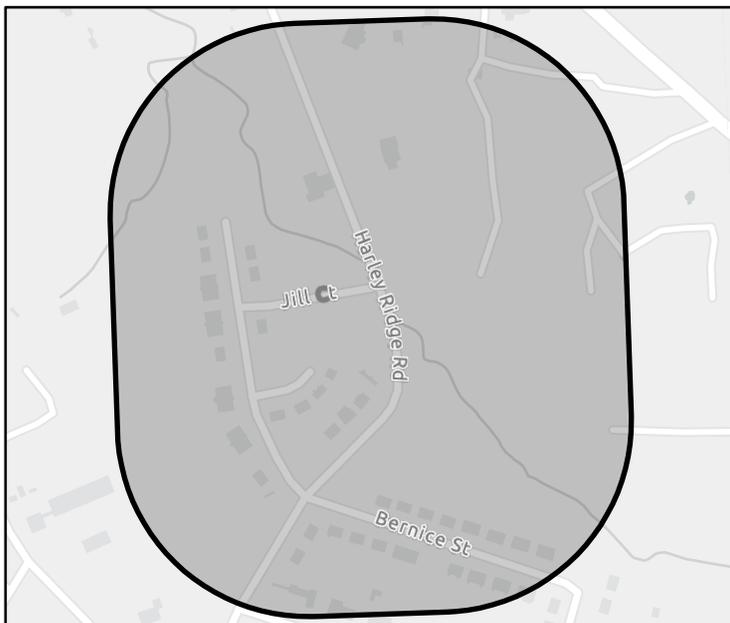
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

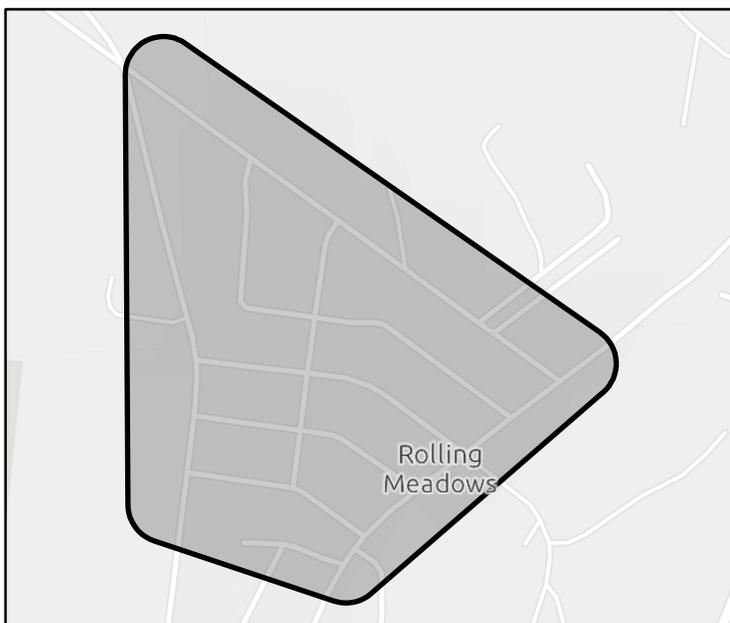
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

|                                |                                  |                               |                                 |                          |                                 |        |                                 |
|--------------------------------|----------------------------------|-------------------------------|---------------------------------|--------------------------|---------------------------------|--------|---------------------------------|
| Population at risk             | <input type="text" value="178"/> | # of structures               | <input type="text" value="1"/>  | # of critical facilities | <input type="text" value="0"/>  |        |                                 |
| Flood risk type: Riverine?     | <input type="text" value="Yes"/> | Coastal?                      | <input type="text" value="No"/> | Local Flooding?          | <input type="text" value="No"/> | Other? | <input type="text" value="No"/> |
| Farm/Ranch land impacted (ac.) | <input type="text" value="2"/>   | Roadways impacted (miles)     | <input type="text" value="2"/>  |                          |                                 |        |                                 |
| # of low water crossings       | <input type="text" value="0"/>   | # of historical road closures | <input type="text" value="0"/>  |                          |                                 |        |                                 |

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title Evergreen Street Overtopping

ID# 041000151 Sponsor Longview (Municipality)

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

## Study Details

Study type Project Planning County Gregg

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

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

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

## 100-Year Flood Risk Summary

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

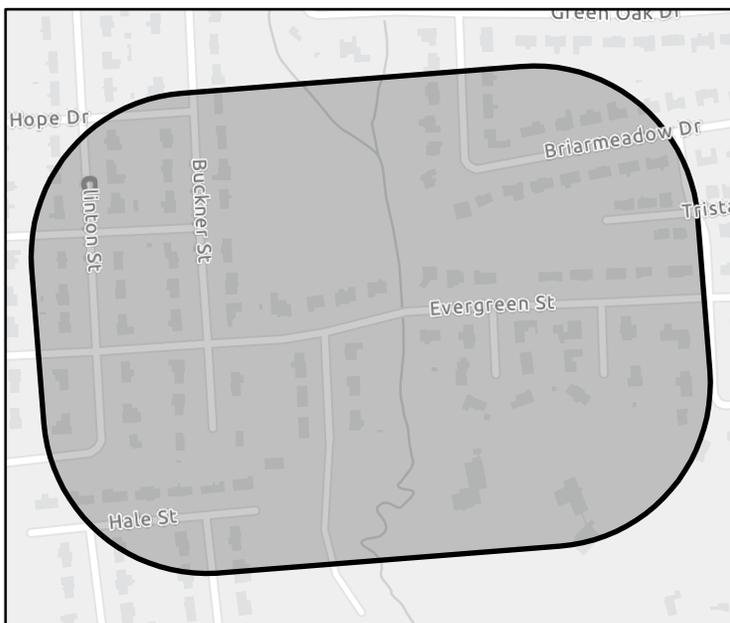
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

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

# of low water crossings 0 # of historical road closures 0

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title Higginbotham Road Neighborhood Flooding

ID# 041000152 Sponsor Kilgore (Municipality)

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

## Study Details

Study type Project Planning County Gregg

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

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

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

## 100-Year Flood Risk Summary

Population at risk 26 # of structures 12 # of critical facilities 0

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

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

# of low water crossings - # of historical road closures -

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title Meadowview Road Flooding

ID# 041000153 Sponsor Longview (Municipality)

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

## Study Details

Study type Project Planning County Gregg

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

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

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

## 100-Year Flood Risk Summary

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

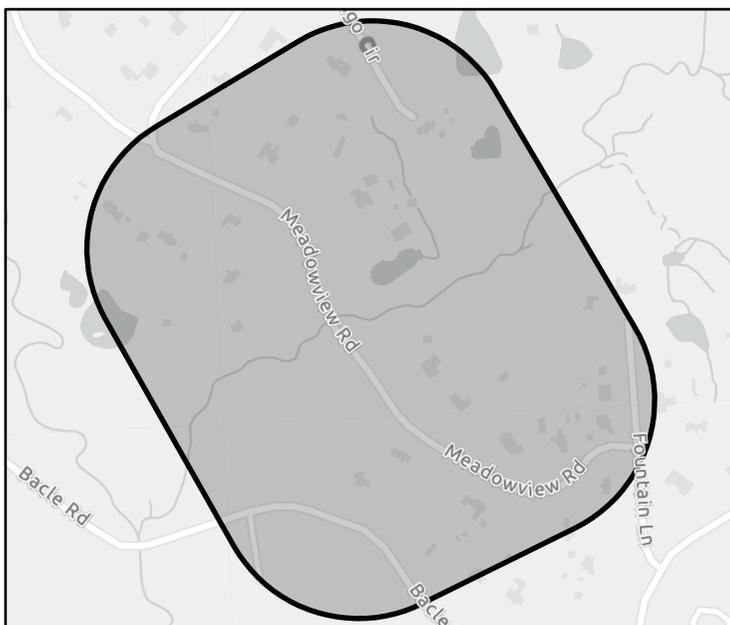
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

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

# of low water crossings 0 # of historical road closures 0

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

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

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

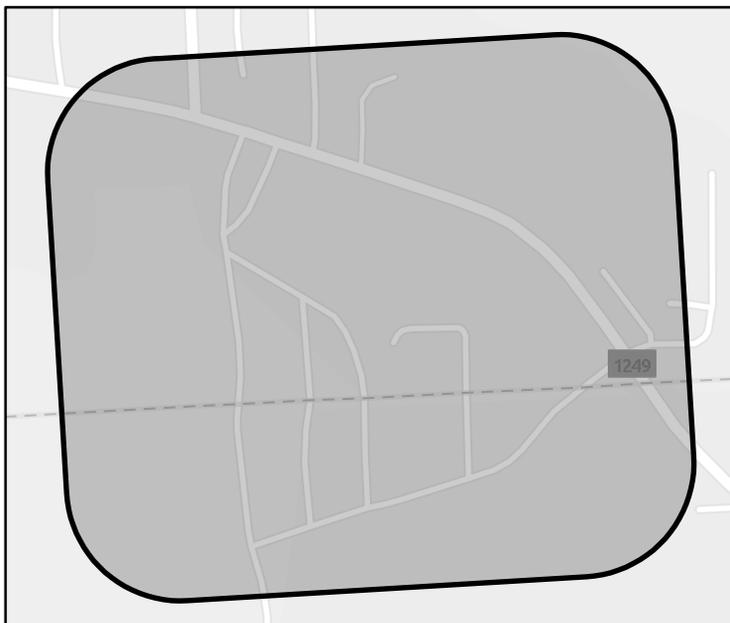
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

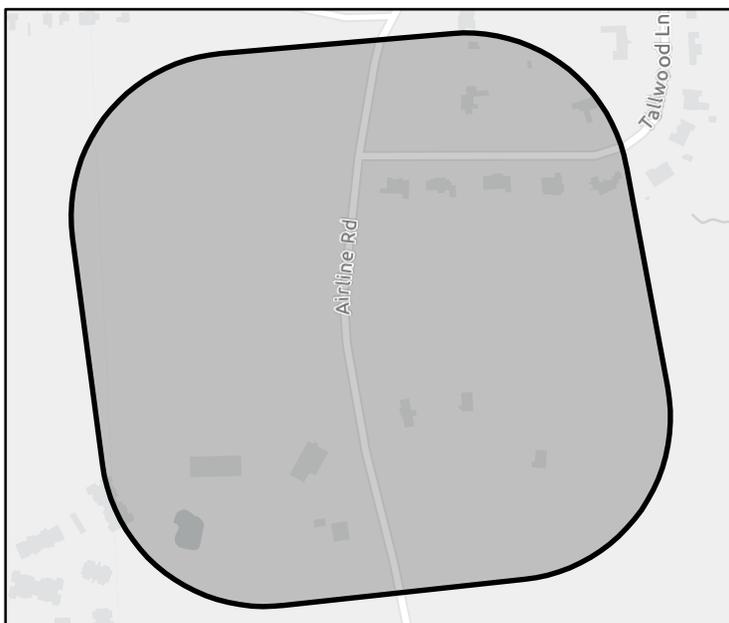
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

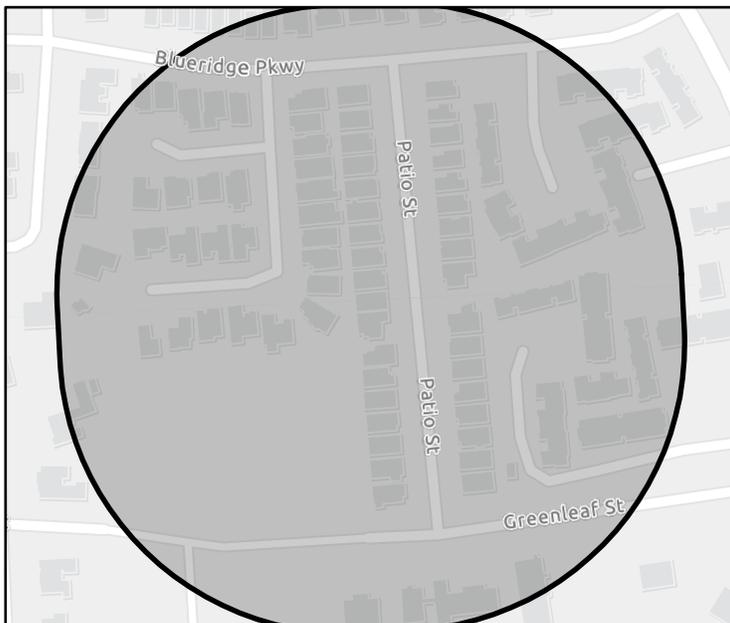
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

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

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

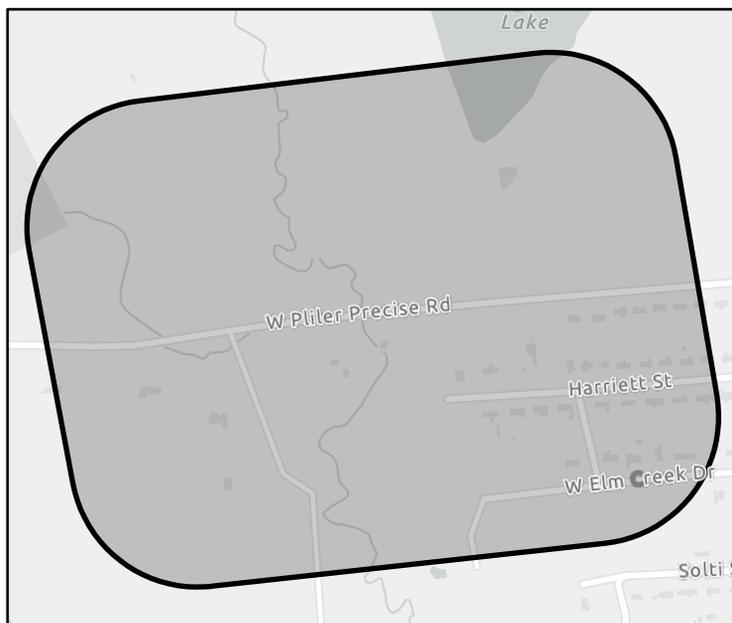
Goal(s)

## 100-Year Flood Risk Summary

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

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

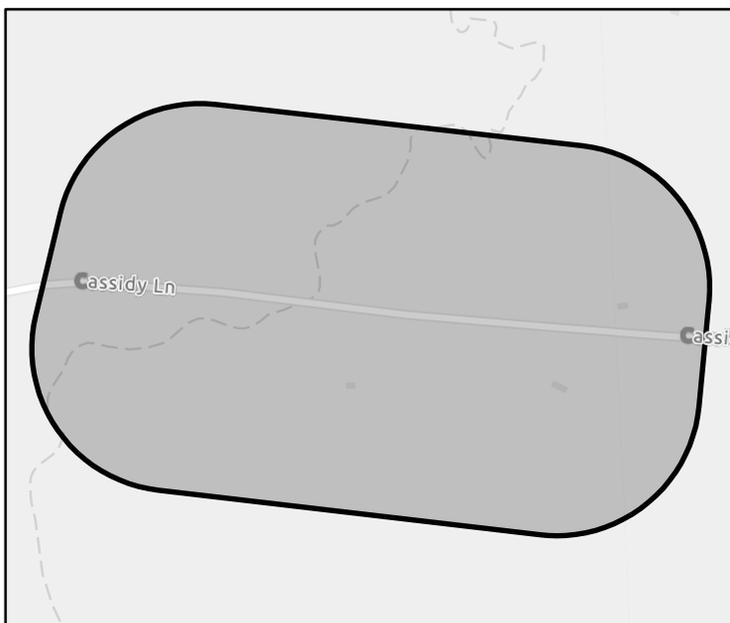
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

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

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

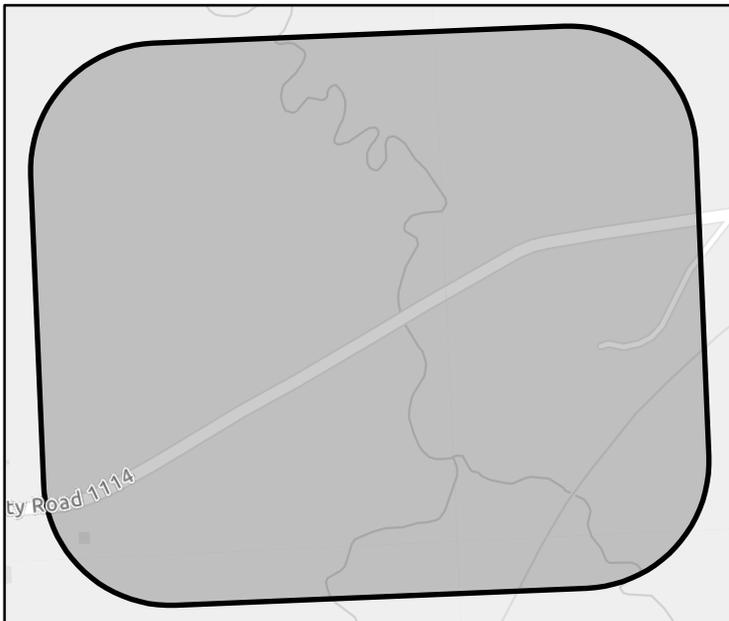
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

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

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

FME to create new H&H model?  Emergency Need?  Anticipated models in near term?  Drainage area (sq. mi., est.)

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

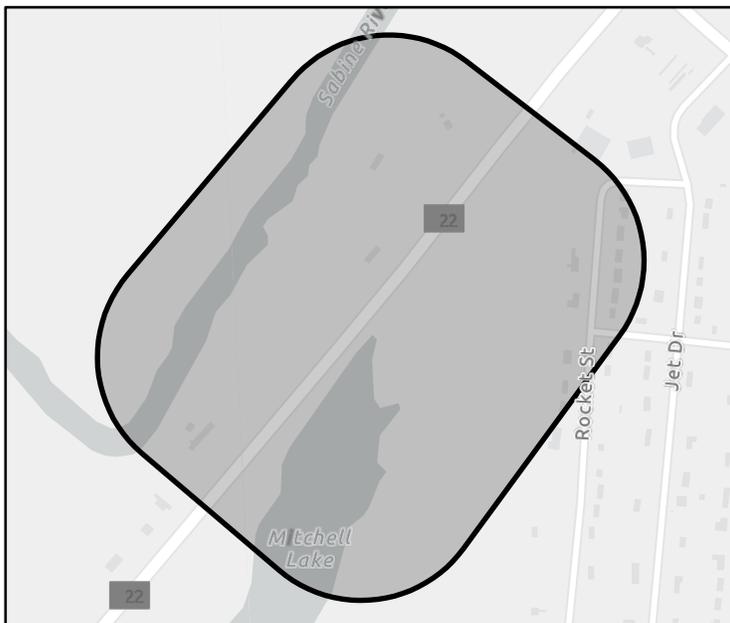
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

Farm/Ranch land impacted (ac.)  Roadways impacted (miles)

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

FME to create new H&H model?  Emergency Need?  Anticipated models in near term?  Drainage area (sq. mi., est.)

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

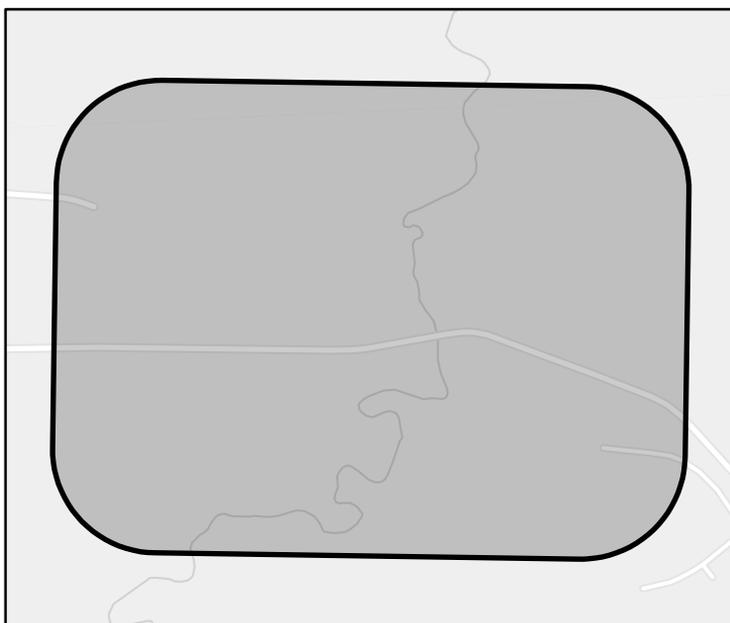
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

Farm/Ranch land impacted (ac.)  Roadways impacted (miles)

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

FME to create new H&H model?  Emergency Need?  Anticipated models in near term?  Drainage area (sq. mi., est.)

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

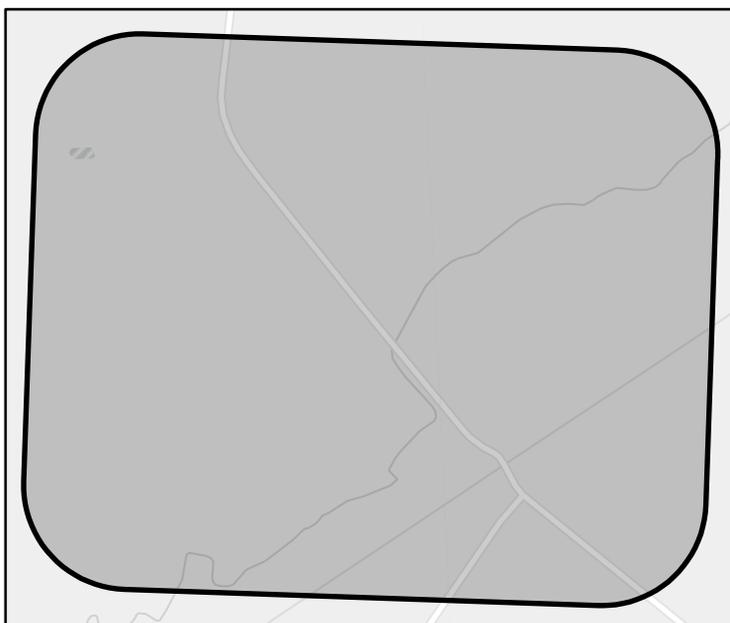
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

Farm/Ranch land impacted (ac.)  Roadways impacted (miles)

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Yes Reason for Recommendation  Aligns with RFPG Goals

## Study Details

Study type  County

Study description

FME to create new H&H model?  No Emergency Need?  No Anticipated models in near term?  Yes Drainage area (sq. mi., est.)

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

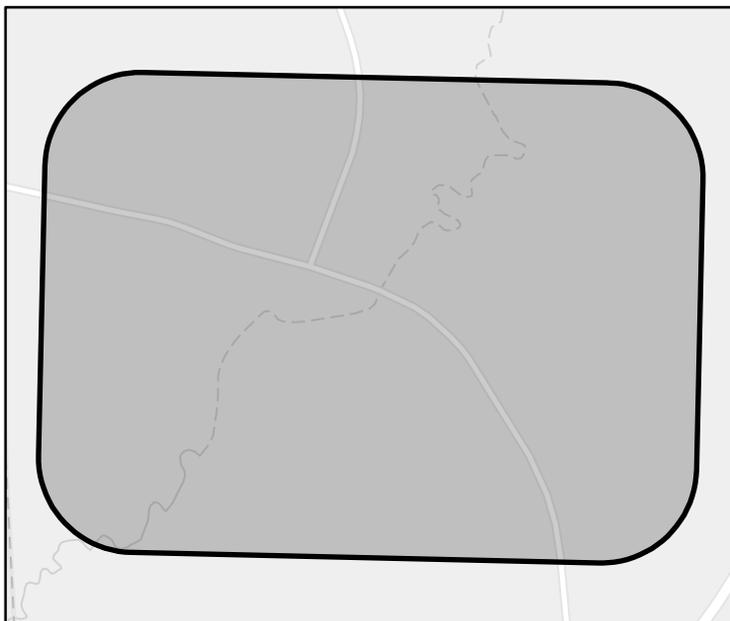
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

Farm/Ranch land impacted (ac.)  Roadways impacted (miles)

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  No Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

FME to create new H&H model?  Emergency Need?  Anticipated models in near term?  Drainage area (sq. mi., est.)

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

Farm/Ranch land impacted (ac.)  Roadways impacted (miles)

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

FME to create new H&H model?  Emergency Need?  Anticipated models in near term?  Drainage area (sq. mi., est.)

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

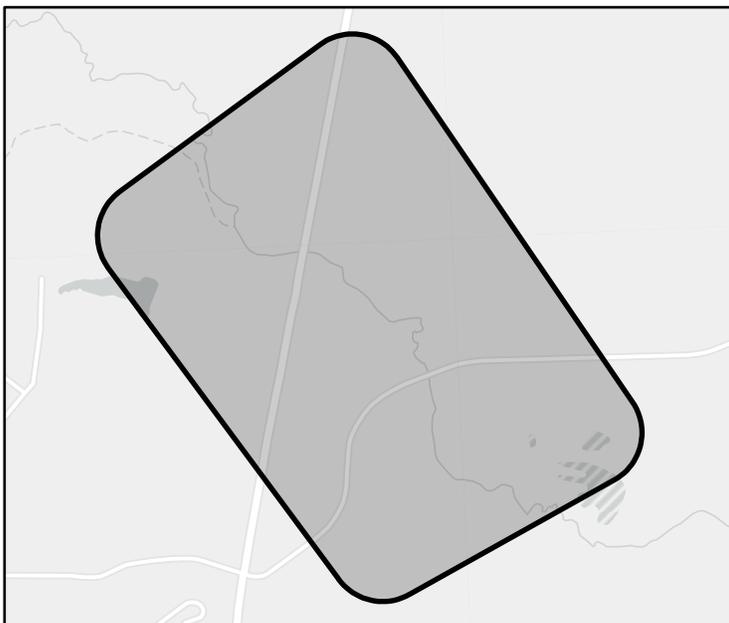
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

Farm/Ranch land impacted (ac.)  Roadways impacted (miles)

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

FME to create new H&H model?  Emergency Need?  Anticipated models in near term?  Drainage area (sq. mi., est.)

Goal(s)

## 100-Year Flood Risk Summary

|                                |                                  |                               |                                 |                          |                                 |        |                                 |
|--------------------------------|----------------------------------|-------------------------------|---------------------------------|--------------------------|---------------------------------|--------|---------------------------------|
| Population at risk             | <input type="text" value="5"/>   | # of structures               | <input type="text" value="1"/>  | # of critical facilities | <input type="text" value="0"/>  |        |                                 |
| Flood risk type: Riverine?     | <input type="text" value="Yes"/> | Coastal?                      | <input type="text" value="No"/> | Local Flooding?          | <input type="text" value="No"/> | Other? | <input type="text" value="No"/> |
| Farm/Ranch land impacted (ac.) | <input type="text" value="5"/>   | Roadways impacted (miles)     | <input type="text" value="5"/>  |                          |                                 |        |                                 |
| # of low water crossings       | <input type="text" value="0"/>   | # of historical road closures | <input type="text" value="0"/>  |                          |                                 |        |                                 |

## Estimated Cost and Funding Availability

|            |                                       |   |                                 |                                   |                                   |
|------------|---------------------------------------|---|---------------------------------|-----------------------------------|-----------------------------------|
| Total Cost | <input type="text" value="\$75,000"/> | Potential federal funding availability? | <input type="text" value="No"/> | Potential Federal Funding Sources | <input type="text" value="None"/> |
|------------|---------------------------------------|---|---------------------------------|-----------------------------------|-----------------------------------|



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



Title Meadows Lane Flooding

ID# 041000168 Sponsor Kilgore (Municipality)

Recommended by RFPG? Yes Reason for Recommendation Aligns with RFPG Goals

## Study Details

Study type Project Planning County Gregg

Study description Perform H&H modeling to identify and define higher detailed flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives.

FME to create new H&H model? No Emergency Need? No Anticipated models in near term? Yes Drainage area (sq. mi., est.) 0

Goal(s) Goal 1: Advance multiple regional flood infrastructure projects designed for larger storm events.

## 100-Year Flood Risk Summary

Population at risk 0 # of structures 0 # of critical facilities 0

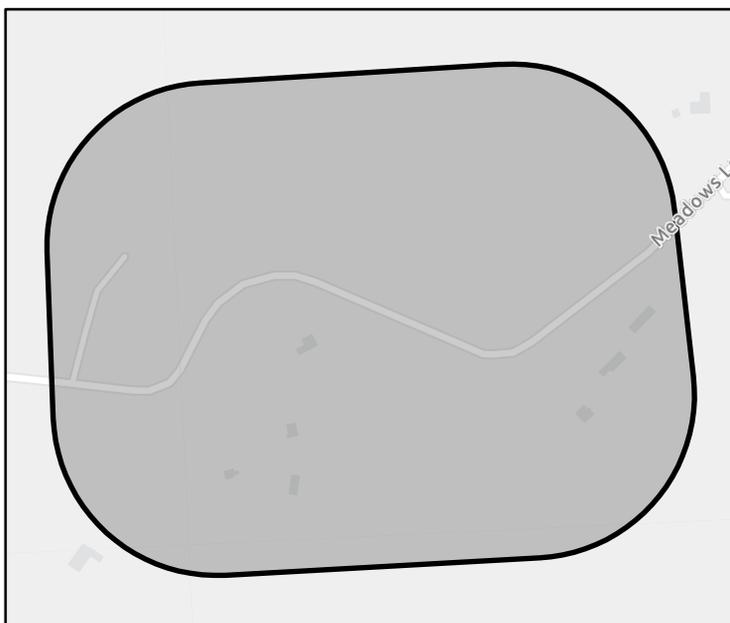
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) 0 Roadways impacted (miles) 0

# of low water crossings 0 # of historical road closures 0

## Estimated Cost and Funding Availability

Total Cost \$75,000 Potential federal funding availability? No Potential Federal Funding Sources None



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Yes Reason for Recommendation  Aligns with RFPG Goals

## Study Details

Study type  County

Study description

FME to create new H&H model?  No Emergency Need?  No Anticipated models in near term?  Yes Drainage area (sq. mi., est.)

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

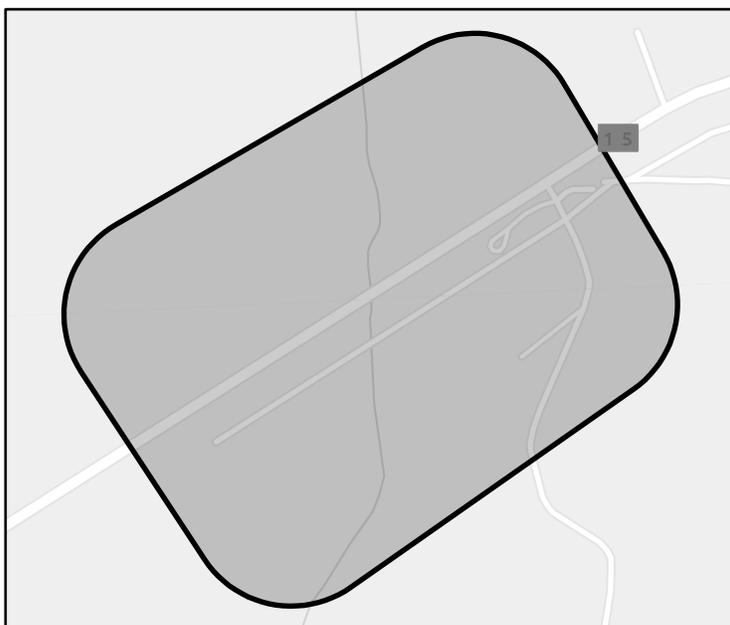
Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

Farm/Ranch land impacted (ac.)  Roadways impacted (miles)

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  No Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Yes Reason for Recommendation  Aligns with RFPG Goals

## Study Details

Study type  County

Study description

FME to create new H&H model?  No Emergency Need?  No Anticipated models in near term?  Yes Drainage area (sq. mi., est.)

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

Flood risk type: Riverine?  Yes Coastal?  No Local Flooding?  No Other?  No

Farm/Ranch land impacted (ac.)  Roadways impacted (miles)

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  No Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

FME to create new H&H model?  Emergency Need?  Anticipated models in near term?  Drainage area (sq. mi., est.)

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

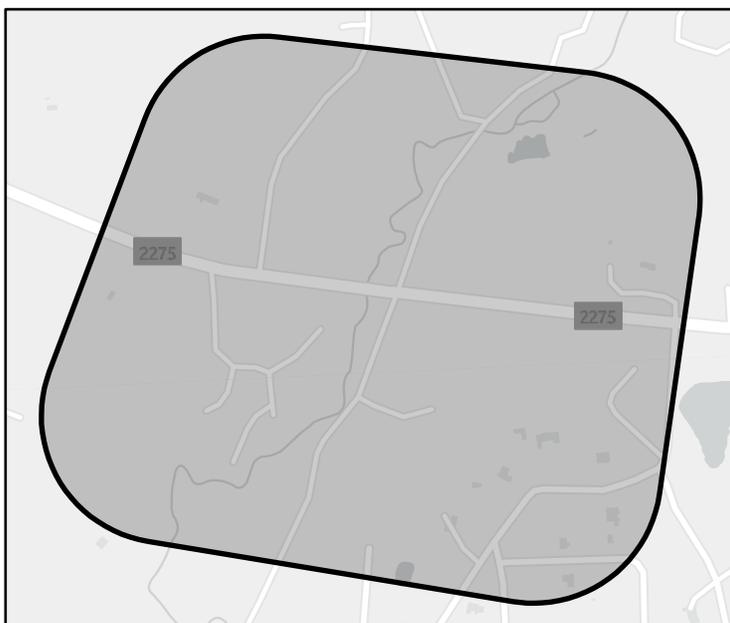
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

Farm/Ranch land impacted (ac.)  Roadways impacted (miles)

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

FME to create new H&H model?  Emergency Need?  Anticipated models in near term?  Drainage area (sq. mi., est.)

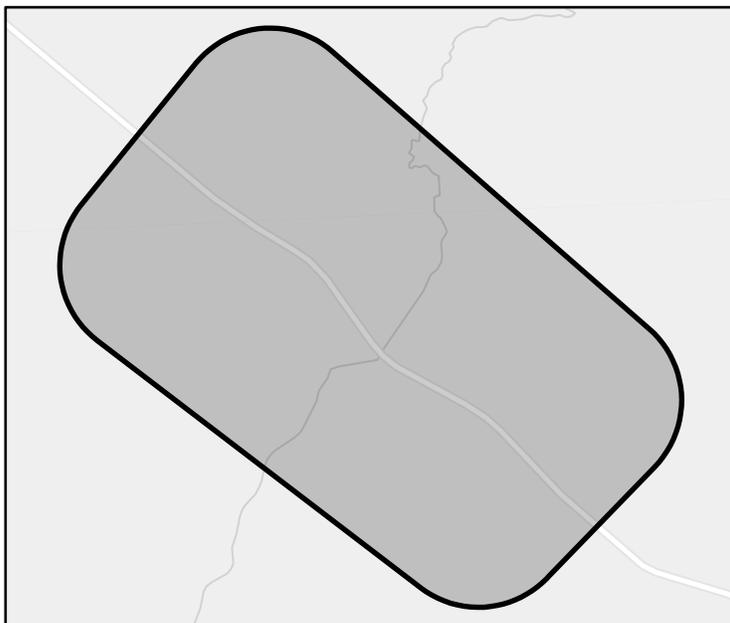
Goal(s)

## 100-Year Flood Risk Summary

|                                |                                      |                               |                                     |                          |                                     |        |                                     |
|--------------------------------|--------------------------------------|-------------------------------|-------------------------------------|--------------------------|-------------------------------------|--------|-------------------------------------|
| Population at risk             | <input type="text" value="0"/>       | # of structures               | <input type="text" value="0"/>      | # of critical facilities | <input type="text" value="0"/>      |        |                                     |
| Flood risk type: Riverine?     | <input type="checkbox" value="Yes"/> | Coastal?                      | <input type="checkbox" value="No"/> | Local Flooding?          | <input type="checkbox" value="No"/> | Other? | <input type="checkbox" value="No"/> |
| Farm/Ranch land impacted (ac.) | <input type="text" value="17"/>      | Roadways impacted (miles)     | <input type="text" value="17"/>     |                          |                                     |        |                                     |
| # of low water crossings       | <input type="text" value="0"/>       | # of historical road closures | <input type="text" value="0"/>      |                          |                                     |        |                                     |

## Estimated Cost and Funding Availability

|            |                                       |   |                                     |                                   |                                   |
|------------|---------------------------------------|---|-------------------------------------|-----------------------------------|-----------------------------------|
| Total Cost | <input type="text" value="\$75,000"/> | Potential federal funding availability? | <input type="checkbox" value="No"/> | Potential Federal Funding Sources | <input type="text" value="None"/> |
|------------|---------------------------------------|---|-------------------------------------|-----------------------------------|-----------------------------------|



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

FME to create new H&H model?  Emergency Need?  Anticipated models in near term?  Drainage area (sq. mi., est.)

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

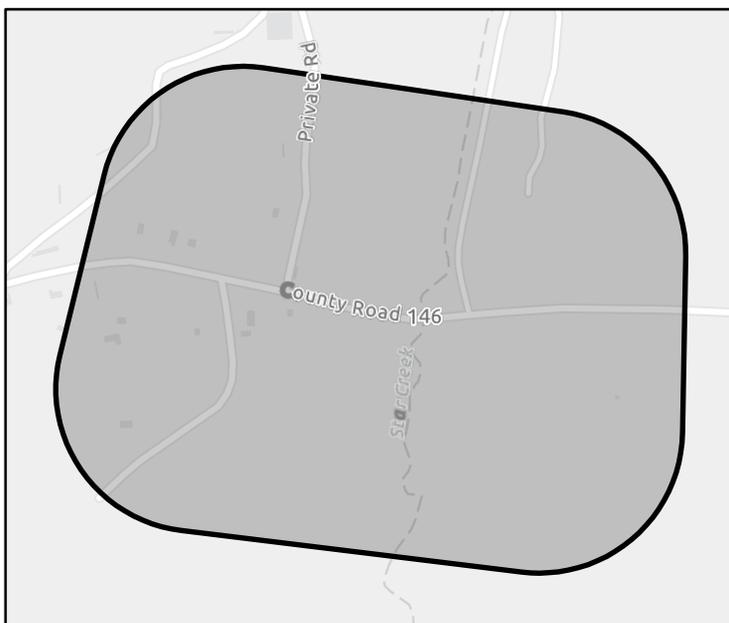
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

Farm/Ranch land impacted (ac.)  Roadways impacted (miles)

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

FME to create new H&H model?  Emergency Need?  Anticipated models in near term?  Drainage area (sq. mi., est.)

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

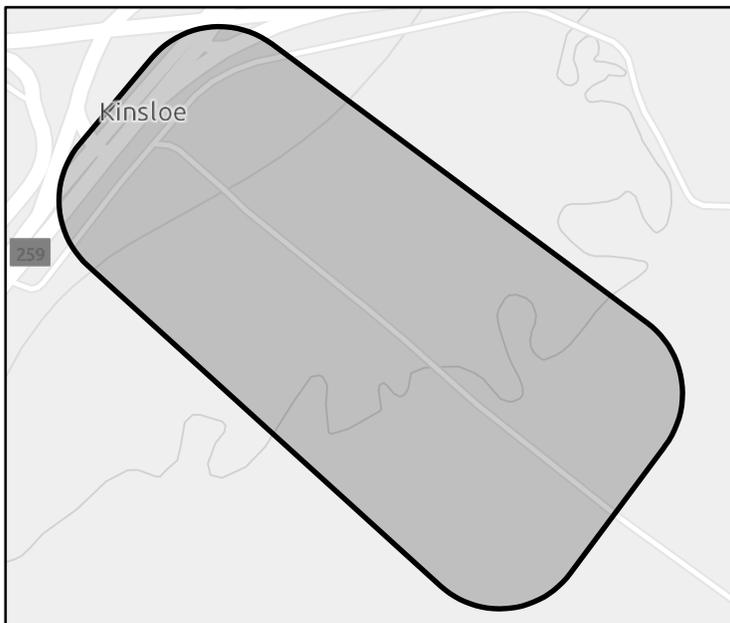
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

Farm/Ranch land impacted (ac.)  Roadways impacted (miles)

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

FME to create new H&H model?  Emergency Need?  Anticipated models in near term?  Drainage area (sq. mi., est.)

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

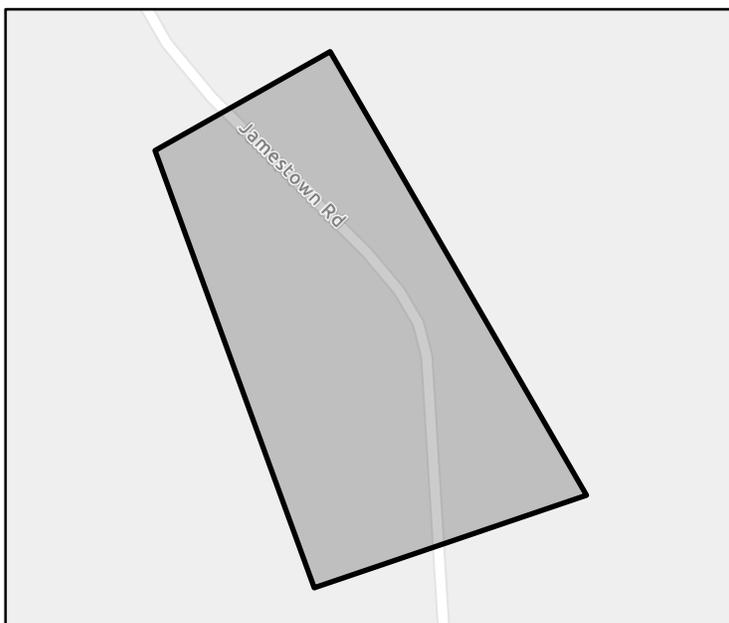
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

Farm/Ranch land impacted (ac.)  Roadways impacted (miles)

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

REGION 4



Title

ID#  Sponsor

Recommended by RFPG?  Reason for Recommendation

## Study Details

Study type  County

Study description

FME to create new H&H model?  Emergency Need?  Anticipated models in near term?  Drainage area (sq. mi., est.)

Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  # of critical facilities

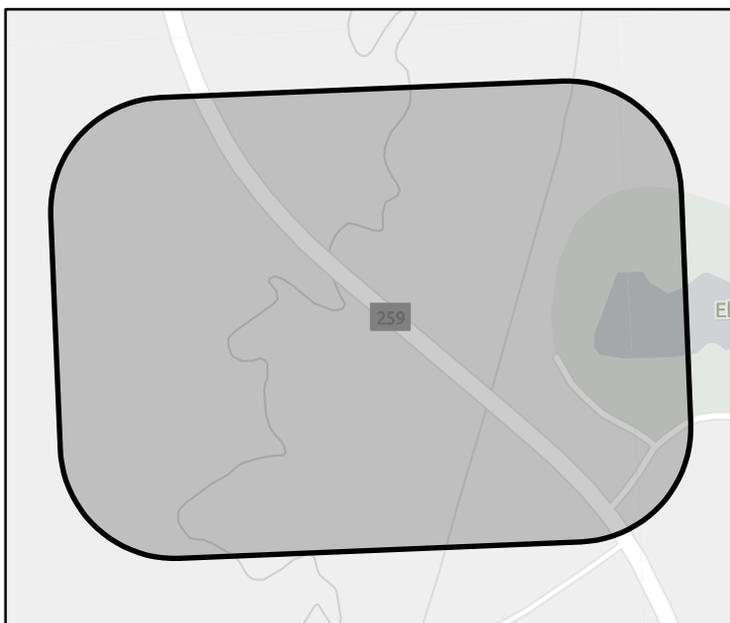
Flood risk type: Riverine?  Coastal?  Local Flooding?  Other?

Farm/Ranch land impacted (ac.)  Roadways impacted (miles)

# of low water crossings  # of historical road closures

## Estimated Cost and Funding Availability

Total Cost  Potential federal funding availability?  Potential Federal Funding Sources



FME Area



Regional view of FME area

# Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title Terry Gully Regional Detention Pond 1

ID# 043000001 Sponsor Orange County Drainage District

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

## Project Description

Proposed detention pond for flood mitigation

Watershed HUC# (if known) 120100051004, 120100051003 Emergency Need? No

Drainage area (mi<sup>2</sup> est.) 16

Associated FMEs - County Orange

Associated FMSs - Associated FMPs -

## Existing 100-Year Flood Risk

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

Population at risk 2,949 # of structures 1,265 Critical facilities 0

Farm/Ranch land impacted (acres) 891 Roadway(s) impacted (length) 30

Number of low water crossings 0 Historical road closures 0

## 100-Year Flood Risk Reduction

Population removed from 100-yr 1,288 # of structures removed from 100-yr 463

Critical facilities removed from 100-yr 9 Farm/Ranch land removed from 100-yr (acres) 203

Road removed from 100-yr (miles) 7 Low water crossings removed from 100-yr 0

Other benefits Environmental Reduction in # of road closures over 10 years 0

## Impacts

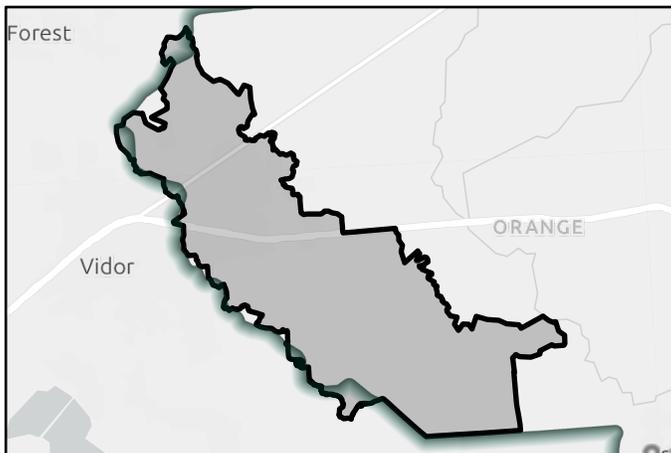
Negative impacts? No Negative impacts description None

Water supply contributions? No Water supply contribution description None

## Estimated Cost

Project Cost \$46,397,775 % Nature-Based - BCR 0

Recurring costs 0 Issues -



FMP area



Regional view of FMP area

# Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title Terry Gully Regional Detention Pond 2  
 ID# 043000002 Sponsor Orange County Drainage District  
 RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

## Project Description

Proposed detention pond for flood mitigation

Watershed HUC# (if known) 120100051004, 120100051003 Emergency Need? No  
 Drainage area (mi<sup>2</sup> est.) 16  
 Associated FMEs - County Orange  
 Associated FMSs - Associated FMPs -

## Existing 100-Year Flood Risk

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No  
 Population at risk 2,949 # of structures 1,265 Critical facilities 0  
 Farm/Ranch land impacted (acres) 891 Roadway(s) impacted (length) 30  
 Number of low water crossings 0 Historical road closures 0

## 100-Year Flood Risk Reduction

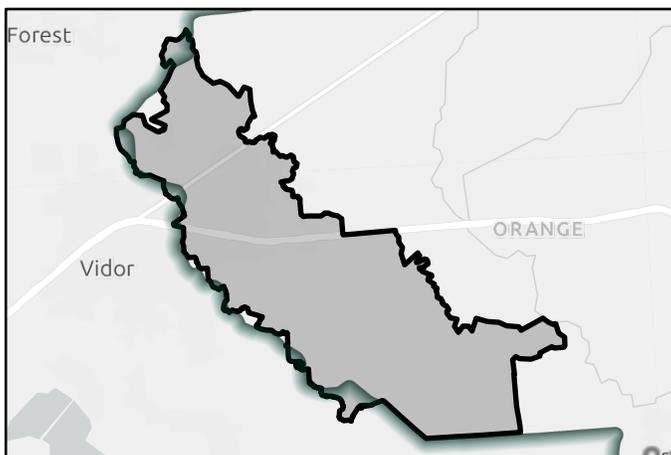
Population removed from 100-yr 458 # of structures removed from 100-yr 76  
 Critical facilities removed from 100-yr 8 Farm/Ranch land removed from 100-yr (acres) 81  
 Road removed from 100-yr (miles) 0 Low water crossings removed from 100-yr 0  
 Other benefits Environmental Reduction in # of road closures over 10 years 0

## Impacts

Negative impacts? No Negative impacts description None  
 Water supply contributions? No Water supply contribution description None

## Estimated Cost

Project Cost \$13,859,613 % Nature-Based - BCR 0  
 Recurring costs 0 Issues -



FMP area



Regional view of FMP area

# Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title Terry Gully Regional Detention Pond 3

ID# 043000003 Sponsor Orange County Drainage District

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

## Project Description

Proposed detention pond for flood mitigation

Watershed HUC# (if known) 120100051004, 120100051003 Emergency Need? No

Drainage area (mi<sup>2</sup> est.) 16

Associated FMEs - County Orange

Associated FMSs - Associated FMPs -

## Existing 100-Year Flood Risk

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

Population at risk 2,949 # of structures 1,265 Critical facilities 0

Farm/Ranch land impacted (acres) 891 Roadway(s) impacted (length) 30

Number of low water crossings 0 Historical road closures 0

## 100-Year Flood Risk Reduction

Population removed from 100-yr 551 # of structures removed from 100-yr 108

Critical facilities removed from 100-yr 8 Farm/Ranch land removed from 100-yr (acres) 98

Road removed from 100-yr (miles) 2 Low water crossings removed from 100-yr 0

Other benefits Environmental Reduction in # of road closures over 10 years 0

## Impacts

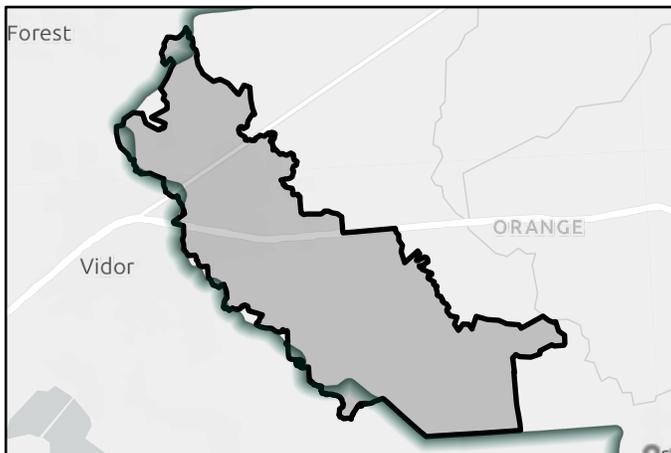
Negative impacts? No Negative impacts description None

Water supply contributions? No Water supply contribution description None

## Estimated Cost

Project Cost \$93,350,287 % Nature-Based - BCR 0

Recurring costs 0 Issues -



FMP area



Regional view of FMP area

# Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title Terry Gully Regional Detention Pond 4

ID# 043000004 Sponsor Orange County Drainage District

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

## Project Description

Proposed detention pond for flood mitigation

Watershed HUC# (if known) 120100051004, 120100051003 Emergency Need? No

Drainage area (mi<sup>2</sup> est.) 16

Associated FMEs - County Orange

Associated FMSs - Associated FMPs -

## Existing 100-Year Flood Risk

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

Population at risk 2,949 # of structures 1,265 Critical facilities 0

Farm/Ranch land impacted (acres) 891 Roadway(s) impacted (length) 30

Number of low water crossings 0 Historical road closures 0

## 100-Year Flood Risk Reduction

Population removed from 100-yr 463 # of structures removed from 100-yr 61

Critical facilities removed from 100-yr 8 Farm/Ranch land removed from 100-yr (acres) 120

Road removed from 100-yr (miles) 1 Low water crossings removed from 100-yr 0

Other benefits Environmental Reduction in # of road closures over 10 years 0

## Impacts

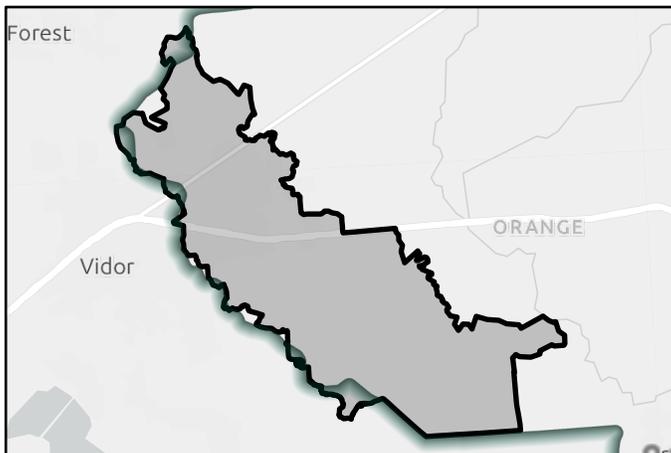
Negative impacts? No Negative impacts description None

Water supply contributions? No Water supply contribution description None

## Estimated Cost

Project Cost \$60,463,723 % Nature-Based - BCR 0

Recurring costs 0 Issues -



FMP area



Regional view of FMP area

# Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Project Description

Proposed detention pond for flood mitigation

|                           |   |                                      |                                     |
|---------------------------|---|--------------------------------------|-------------------------------------|
| Watershed HUC# (if known) | <input type="text" value="120100051005, 120100051004, 120100051100, 120100051002, 120100051003"/> | Emergency Need?                      | <input type="text" value="Yes"/>    |
| Associated FMEs           | <input type="text" value="-"/>  | Drainage area (mi <sup>2</sup> est.) | <input type="text" value="63"/>     |
| Associated FMSs           | <input type="text" value="-"/>  | County                               | <input type="text" value="Orange"/> |
|                           |   | Associated FMPs                      | <input type="text" value="-"/>      |

## Existing 100-Year Flood Risk

|                                  |  |  |  |  |  |
|----------------------------------|--|--|--|--|--|
| Flood risk type:                 | Riverine? <input type="text" value="Yes"/> | Coastal? <input type="text" value="No"/> | Local? <input type="text" value="No"/> | Playa? <input type="text" value="No"/> | Other? <input type="text" value="No"/> |
| Population at risk               | <input type="text" value="5,869"/>         | # of structures                          | <input type="text" value="3,336"/>     | Critical facilities                    | <input type="text" value="2"/>         |
| Farm/Ranch land impacted (acres) | <input type="text" value="2,634"/>         | Roadway(s) impacted (length)             | <input type="text" value="68"/>        |  |  |
| Number of low water crossings    | <input type="text" value="1"/>             | Historical road closures                 | <input type="text" value="1"/>         |  |  |

## 100-Year Flood Risk Reduction

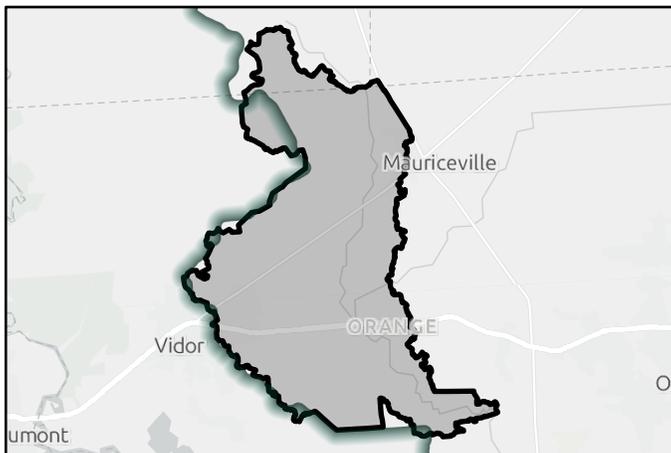
|   |  |   |                                 |
|---|--|---|---------------------------------|
| Population removed from 100-yr          | <input type="text" value="472"/>           | # of structures removed from 100-yr           | <input type="text" value="75"/> |
| Critical facilities removed from 100-yr | <input type="text" value="8"/>             | Farm/Ranch land removed from 100-yr (acres)   | <input type="text" value="92"/> |
| Road removed from 100-yr (miles)        | <input type="text" value="1"/>             | Low water crossings removed from 100-yr       | <input type="text" value="0"/>  |
| Other benefits                          | <input type="text" value="Environmental"/> | Reduction in # of road closures over 10 years | <input type="text" value="0"/>  |

## Impacts

|                             |                                 |                                       |                                   |
|-----------------------------|---------------------------------|---------------------------------------|-----------------------------------|
| Negative impacts?           | <input type="text" value="No"/> | Negative impacts description          | <input type="text" value="None"/> |
| Water supply contributions? | <input type="text" value="No"/> | Water supply contribution description | <input type="text" value="None"/> |

## Estimated Cost

|                 |  |                |                                |     |                                |
|-----------------|--|----------------|--------------------------------|-----|--------------------------------|
| Project Cost    | <input type="text" value="\$133,851,861"/> | % Nature-Based | <input type="text" value="-"/> | BCR | <input type="text" value="0"/> |
| Recurring costs | <input type="text" value="0"/>             | Issues         | <input type="text" value="-"/> |     |                                |



FMP area



Regional view of FMP area

# Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Project Description

Proposed detention pond and local drainage improvements for flood mitigation

|                           |   |                                      |                                     |
|---------------------------|---|--------------------------------------|-------------------------------------|
| Watershed HUC# (if known) | <input type="text" value="120100051100"/> | Emergency Need?                      | <input type="text" value="Yes"/>    |
| Associated FMEs           | <input type="text" value="-"/>            | Drainage area (mi <sup>2</sup> est.) | <input type="text" value="12"/>     |
| Associated FMSs           | <input type="text" value="-"/>            | County                               | <input type="text" value="Orange"/> |
|                           |   | Associated FMPs                      | <input type="text" value="-"/>      |

## Existing 100-Year Flood Risk

|                                  |  |  |  |  |  |
|----------------------------------|--|--|--|--|--|
| Flood risk type:                 | Riverine? <input type="text" value="Yes"/> | Coastal? <input type="text" value="No"/> | Local? <input type="text" value="No"/> | Playa? <input type="text" value="No"/> | Other? <input type="text" value="No"/> |
| Population at risk               | <input type="text" value="4,663"/>         | # of structures                          | <input type="text" value="1,502"/>     | Critical facilities                    | <input type="text" value="4"/>         |
| Farm/Ranch land impacted (acres) | <input type="text" value="357"/>           | Roadway(s) impacted (length)             | <input type="text" value="25"/>        |  |  |
| Number of low water crossings    | <input type="text" value="7"/>             | Historical road closures                 | <input type="text" value="7"/>         |  |  |

## 100-Year Flood Risk Reduction

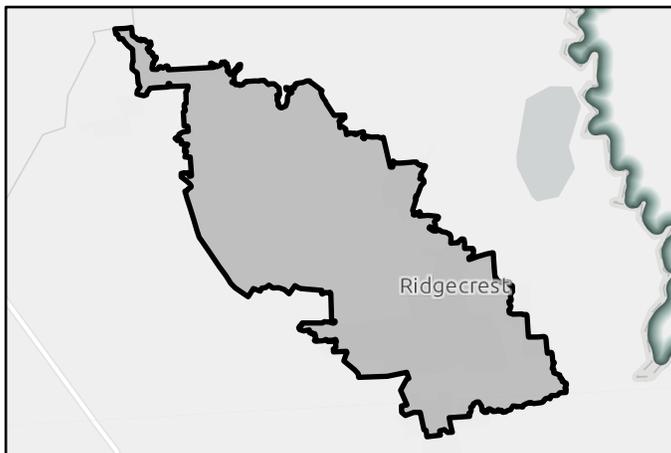
|   |  |   |                                  |
|---|--|---|----------------------------------|
| Population removed from 100-yr          | <input type="text" value="554"/>           | # of structures removed from 100-yr           | <input type="text" value="129"/> |
| Critical facilities removed from 100-yr | <input type="text" value="9"/>             | Farm/Ranch land removed from 100-yr (acres)   | <input type="text" value="140"/> |
| Road removed from 100-yr (miles)        | <input type="text" value="1"/>             | Low water crossings removed from 100-yr       | <input type="text" value="0"/>   |
| Other benefits                          | <input type="text" value="Environmental"/> | Reduction in # of road closures over 10 years | <input type="text" value="0"/>   |

## Impacts

|                             |                                 |                                       |                                   |
|-----------------------------|---------------------------------|---------------------------------------|-----------------------------------|
| Negative impacts?           | <input type="text" value="No"/> | Negative impacts description          | <input type="text" value="None"/> |
| Water supply contributions? | <input type="text" value="No"/> | Water supply contribution description | <input type="text" value="None"/> |

## Estimated Cost

|                 |   |                |                                |     |                                |
|-----------------|---|----------------|--------------------------------|-----|--------------------------------|
| Project Cost    | <input type="text" value="\$96,833,693"/> | % Nature-Based | <input type="text" value="-"/> | BCR | <input type="text" value="0"/> |
| Recurring costs | <input type="text" value="0"/>            | Issues         | <input type="text" value="-"/> |     |                                |



FMP area



Regional view of FMP area

# Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Project Description

Proposed roadway improvements for access to IH10 during flood events

Watershed HUC# (if known)  Emergency Need?

Drainage area (mi<sup>2</sup> est.)

Associated FMEs  County

Associated FMSs  Associated FMPs

## Existing 100-Year Flood Risk

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

Population at risk  # of structures  Critical facilities

Farm/Ranch land impacted (acres)  Roadway(s) impacted (length)

Number of low water crossings  Historical road closures

## 100-Year Flood Risk Reduction

Population removed from 100-yr  # of structures removed from 100-yr

Critical facilities removed from 100-yr  Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles)  Low water crossings removed from 100-yr

Other benefits  Reduction in # of road closures over 10 years

## Impacts

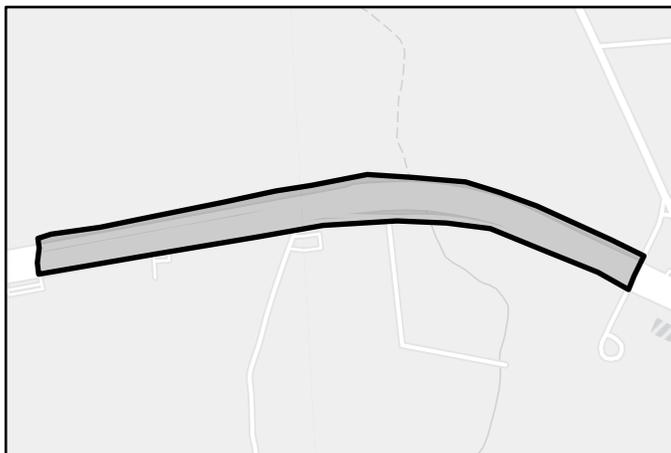
Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Project Cost  % Nature-Based  BCR

Recurring costs  Issues



FMP area



Regional view of FMP area

# Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Project Description

Expansion of existing detention pond

|                           |   |                                      |                                     |
|---------------------------|---|--------------------------------------|-------------------------------------|
| Watershed HUC# (if known) | <input type="text" value="120100051005, 120100051004, 120100051100, 120100051002, 120100051003"/> | Emergency Need?                      | <input type="text" value="Yes"/>    |
| Associated FMEs           | <input type="text" value="-"/>  | Drainage area (mi <sup>2</sup> est.) | <input type="text" value="63"/>     |
| Associated FMSs           | <input type="text" value="-"/>  | County                               | <input type="text" value="Orange"/> |
|                           |   | Associated FMPs                      | <input type="text" value="-"/>      |

## Existing 100-Year Flood Risk

|                                  |  |  |  |  |  |
|----------------------------------|--|--|--|--|--|
| Flood risk type:                 | Riverine? <input type="text" value="Yes"/> | Coastal? <input type="text" value="No"/> | Local? <input type="text" value="No"/> | Playa? <input type="text" value="No"/> | Other? <input type="text" value="No"/> |
| Population at risk               | <input type="text" value="5,869"/>         | # of structures                          | <input type="text" value="3,336"/>     | Critical facilities                    | <input type="text" value="2"/>         |
| Farm/Ranch land impacted (acres) | <input type="text" value="2,634"/>         | Roadway(s) impacted (length)             | <input type="text" value="68"/>        |  |  |
| Number of low water crossings    | <input type="text" value="2"/>             | Historical road closures                 | <input type="text" value="2"/>         |  |  |

## 100-Year Flood Risk Reduction

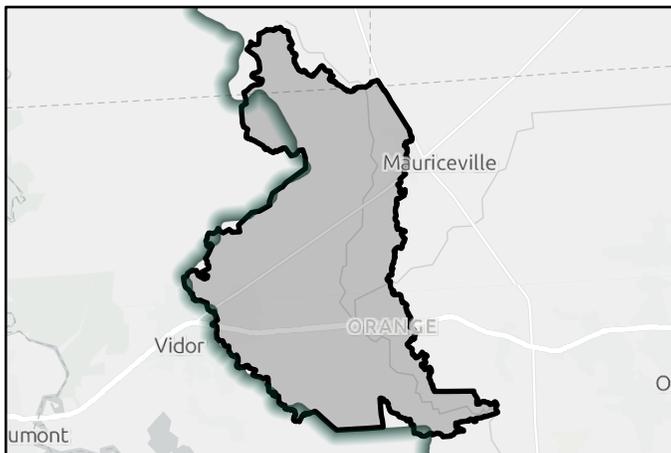
|   |  |   |                                  |
|---|--|---|----------------------------------|
| Population removed from 100-yr          | <input type="text" value="570"/>           | # of structures removed from 100-yr           | <input type="text" value="124"/> |
| Critical facilities removed from 100-yr | <input type="text" value="0"/>             | Farm/Ranch land removed from 100-yr (acres)   | <input type="text" value="0"/>   |
| Road removed from 100-yr (miles)        | <input type="text" value="0"/>             | Low water crossings removed from 100-yr       | <input type="text" value="2"/>   |
| Other benefits                          | <input type="text" value="Environmental"/> | Reduction in # of road closures over 10 years | <input type="text" value="0"/>   |

## Impacts

|                             |                                 |                                       |                                   |
|-----------------------------|---------------------------------|---------------------------------------|-----------------------------------|
| Negative impacts?           | <input type="text" value="No"/> | Negative impacts description          | <input type="text" value="None"/> |
| Water supply contributions? | <input type="text" value="No"/> | Water supply contribution description | <input type="text" value="None"/> |

## Estimated Cost

|                 |   |                |                                |     |                                |
|-----------------|---|----------------|--------------------------------|-----|--------------------------------|
| Project Cost    | <input type="text" value="\$29,215,062"/> | % Nature-Based | <input type="text" value="-"/> | BCR | <input type="text" value="0"/> |
| Recurring costs | <input type="text" value="0"/>            | Issues         | <input type="text" value="-"/> |     |                                |



FMP area



Regional view of FMP area

# Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Project Description

Proposed detention pond for flood mitigation

|                           |   |                                      |                                     |
|---------------------------|---|--------------------------------------|-------------------------------------|
| Watershed HUC# (if known) | <input type="text" value="120100051005, 120100051004, 120100051100, 120100051002, 120100051003"/> | Emergency Need?                      | <input type="text" value="Yes"/>    |
| Associated FMEs           | <input type="text" value="-"/>  | Drainage area (mi <sup>2</sup> est.) | <input type="text" value="63"/>     |
| Associated FMSs           | <input type="text" value="-"/>  | County                               | <input type="text" value="Orange"/> |
|                           |   | Associated FMPs                      | <input type="text" value="-"/>      |

## Existing 100-Year Flood Risk

|                                  |  |  |  |  |  |
|----------------------------------|--|--|--|--|--|
| Flood risk type:                 | Riverine? <input type="text" value="Yes"/> | Coastal? <input type="text" value="No"/> | Local? <input type="text" value="No"/> | Playa? <input type="text" value="No"/> | Other? <input type="text" value="No"/> |
| Population at risk               | <input type="text" value="5,869"/>         | # of structures                          | <input type="text" value="3,336"/>     | Critical facilities                    | <input type="text" value="2"/>         |
| Farm/Ranch land impacted (acres) | <input type="text" value="2,634"/>         | Roadway(s) impacted (length)             | <input type="text" value="68"/>        |  |  |
| Number of low water crossings    | <input type="text" value="1"/>             | Historical road closures                 | <input type="text" value="1"/>         |  |  |

## 100-Year Flood Risk Reduction

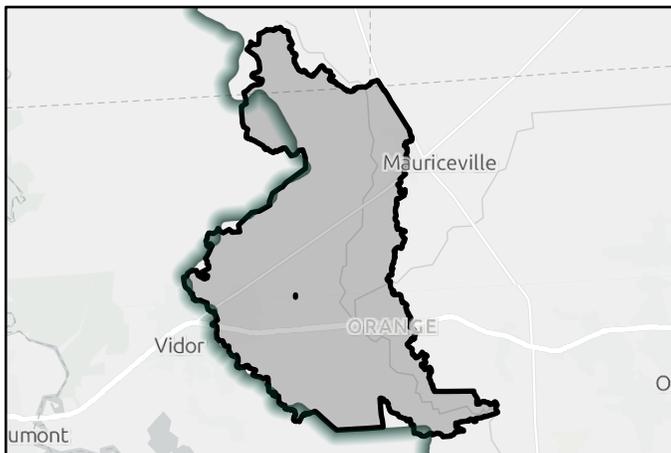
|   |  |   |                                  |
|---|--|---|----------------------------------|
| Population removed from 100-yr          | <input type="text" value="165"/>           | # of structures removed from 100-yr           | <input type="text" value="126"/> |
| Critical facilities removed from 100-yr | <input type="text" value="0"/>             | Farm/Ranch land removed from 100-yr (acres)   | <input type="text" value="30"/>  |
| Road removed from 100-yr (miles)        | <input type="text" value="1"/>             | Low water crossings removed from 100-yr       | <input type="text" value="0"/>   |
| Other benefits                          | <input type="text" value="Environmental"/> | Reduction in # of road closures over 10 years | <input type="text" value="0"/>   |

## Impacts

|                             |                                 |                                       |                                   |
|-----------------------------|---------------------------------|---------------------------------------|-----------------------------------|
| Negative impacts?           | <input type="text" value="No"/> | Negative impacts description          | <input type="text" value="None"/> |
| Water supply contributions? | <input type="text" value="No"/> | Water supply contribution description | <input type="text" value="None"/> |

## Estimated Cost

|                 |  |                |                                |     |                                |
|-----------------|--|----------------|--------------------------------|-----|--------------------------------|
| Project Cost    | <input type="text" value="\$172,241,395"/> | % Nature-Based | <input type="text" value="-"/> | BCR | <input type="text" value="0"/> |
| Recurring costs | <input type="text" value="0"/>             | Issues         | <input type="text" value="-"/> |     |                                |



FMP area



Regional view of FMP area

# Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Project Description

Proposed detention pond for flood mitigation

|                           |   |                                      |                                     |
|---------------------------|---|--------------------------------------|-------------------------------------|
| Watershed HUC# (if known) | <input type="text" value="120100051004, 120100051100, 120100051003"/> | Emergency Need?                      | <input type="text" value="No"/>     |
| Associated FMEs           | <input type="text" value="-"/>  | Drainage area (mi <sup>2</sup> est.) | <input type="text" value="6"/>      |
| Associated FMSs           | <input type="text" value="-"/>  | County                               | <input type="text" value="Orange"/> |
|                           |   | Associated FMPs                      | <input type="text" value="-"/>      |

## Existing 100-Year Flood Risk

|                                  |  |  |  |  |  |
|----------------------------------|--|--|--|--|--|
| Flood risk type:                 | Riverine? <input type="text" value="Yes"/> | Coastal? <input type="text" value="No"/> | Local? <input type="text" value="No"/> | Playa? <input type="text" value="No"/> | Other? <input type="text" value="No"/> |
| Population at risk               | <input type="text" value="1,339"/>         | # of structures                          | <input type="text" value="532"/>       | Critical facilities                    | <input type="text" value="0"/>         |
| Farm/Ranch land impacted (acres) | <input type="text" value="295"/>           | Roadway(s) impacted (length)             | <input type="text" value="12"/>        |  |  |
| Number of low water crossings    | <input type="text" value="0"/>             | Historical road closures                 | <input type="text" value="0"/>         |  |  |

## 100-Year Flood Risk Reduction

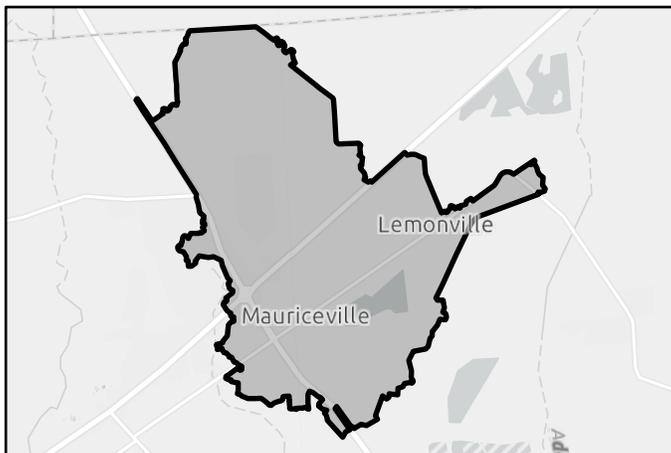
|   |  |   |                                 |
|---|--|---|---------------------------------|
| Population removed from 100-yr          | <input type="text" value="437"/>           | # of structures removed from 100-yr           | <input type="text" value="55"/> |
| Critical facilities removed from 100-yr | <input type="text" value="8"/>             | Farm/Ranch land removed from 100-yr (acres)   | <input type="text" value="84"/> |
| Road removed from 100-yr (miles)        | <input type="text" value="0"/>             | Low water crossings removed from 100-yr       | <input type="text" value="0"/>  |
| Other benefits                          | <input type="text" value="Environmental"/> | Reduction in # of road closures over 10 years | <input type="text" value="0"/>  |

## Impacts

|                             |                                 |                                       |                                   |
|-----------------------------|---------------------------------|---------------------------------------|-----------------------------------|
| Negative impacts?           | <input type="text" value="No"/> | Negative impacts description          | <input type="text" value="None"/> |
| Water supply contributions? | <input type="text" value="No"/> | Water supply contribution description | <input type="text" value="None"/> |

## Estimated Cost

|                 |   |                |                                |     |                                |
|-----------------|---|----------------|--------------------------------|-----|--------------------------------|
| Project Cost    | <input type="text" value="\$19,561,929"/> | % Nature-Based | <input type="text" value="-"/> | BCR | <input type="text" value="0"/> |
| Recurring costs | <input type="text" value="0"/>            | Issues         | <input type="text" value="-"/> |     |                                |



FMP area



Regional view of FMP area

# Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Project Description

Proposed detention pond for flood mitigation

|                           |   |                                      |                                     |
|---------------------------|---|--------------------------------------|-------------------------------------|
| Watershed HUC# (if known) | <input type="text" value="120100051005, 120100051004, 120100051100, 120100051002, 120100051003"/> | Emergency Need?                      | <input type="text" value="Yes"/>    |
| Associated FMEs           | <input type="text" value="-"/>  | Drainage area (mi <sup>2</sup> est.) | <input type="text" value="47"/>     |
| Associated FMSs           | <input type="text" value="-"/>  | County                               | <input type="text" value="Orange"/> |
|                           |   | Associated FMPs                      | <input type="text" value="-"/>      |

## Existing 100-Year Flood Risk

|                                  |  |  |  |  |  |
|----------------------------------|--|--|--|--|--|
| Flood risk type:                 | Riverine? <input type="text" value="Yes"/> | Coastal? <input type="text" value="No"/> | Local? <input type="text" value="No"/> | Playa? <input type="text" value="No"/> | Other? <input type="text" value="No"/> |
| Population at risk               | <input type="text" value="2,920"/>         | # of structures                          | <input type="text" value="2,071"/>     | Critical facilities                    | <input type="text" value="2"/>         |
| Farm/Ranch land impacted (acres) | <input type="text" value="1,743"/>         | Roadway(s) impacted (length)             | <input type="text" value="38"/>        |  |  |
| Number of low water crossings    | <input type="text" value="1"/>             | Historical road closures                 | <input type="text" value="1"/>         |  |  |

## 100-Year Flood Risk Reduction

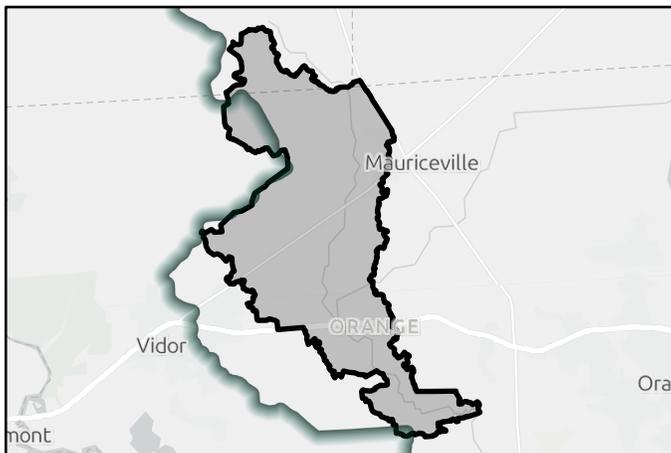
|   |  |   |                                  |
|---|--|---|----------------------------------|
| Population removed from 100-yr          | <input type="text" value="438"/>           | # of structures removed from 100-yr           | <input type="text" value="14"/>  |
| Critical facilities removed from 100-yr | <input type="text" value="0"/>             | Farm/Ranch land removed from 100-yr (acres)   | <input type="text" value="137"/> |
| Road removed from 100-yr (miles)        | <input type="text" value="0"/>             | Low water crossings removed from 100-yr       | <input type="text" value="0"/>   |
| Other benefits                          | <input type="text" value="Environmental"/> | Reduction in # of road closures over 10 years | <input type="text" value="0"/>   |

## Impacts

|                             |                                 |                                       |                                   |
|-----------------------------|---------------------------------|---------------------------------------|-----------------------------------|
| Negative impacts?           | <input type="text" value="No"/> | Negative impacts description          | <input type="text" value="None"/> |
| Water supply contributions? | <input type="text" value="No"/> | Water supply contribution description | <input type="text" value="None"/> |

## Estimated Cost

|                 |   |                |                                |     |                                |
|-----------------|---|----------------|--------------------------------|-----|--------------------------------|
| Project Cost    | <input type="text" value="\$41,147,927"/> | % Nature-Based | <input type="text" value="-"/> | BCR | <input type="text" value="0"/> |
| Recurring costs | <input type="text" value="0"/>            | Issues         | <input type="text" value="-"/> |     |                                |



FMP area



Regional view of FMP area

# Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title CR-2400 Drainage Improvements

ID# 043000012 Sponsor Hunt (County)

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

## Project Description

Two proposed bridge installations over creek crossing on County Road 2400 to reduce roadway overtopping during storm events. Includes some creek channel grading improvements.

Watershed HUC# (if known) 120100010303, 120100010302 Emergency Need? No  
 Drainage area (mi<sup>2</sup> est.) 2  
 Associated FMEs - County Hunt  
 Associated FMSs - Associated FMPs -

## Existing 100-Year Flood Risk

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No  
 Population at risk 1 # of structures 2 Critical facilities 0  
 Farm/Ranch land impacted (acres) 90 Roadway(s) impacted (length) 1  
 Number of low water crossings 0 Historical road closures 0

## 100-Year Flood Risk Reduction

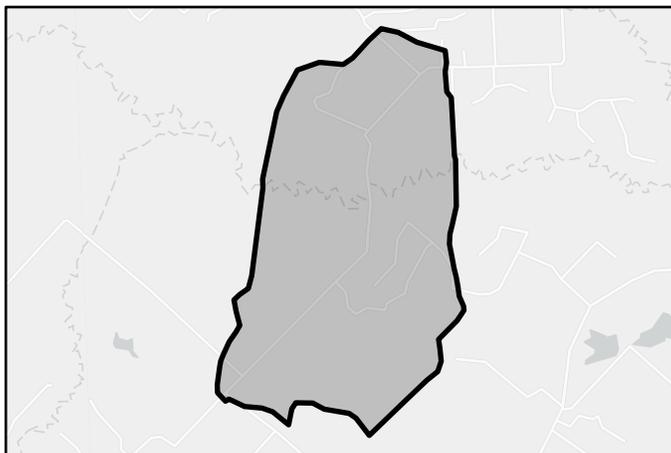
Population removed from 100-yr 0 # of structures removed from 100-yr 0  
 Critical facilities removed from 100-yr 0 Farm/Ranch land removed from 100-yr (acres) 0  
 Road removed from 100-yr (miles) - Low water crossings removed from 100-yr 1  
 Other benefits Transportation Reduction in # of road closures over 10 years 1

## Impacts

Negative impacts? No Negative impacts description None  
 Water supply contributions? No Water supply contribution description None

## Estimated Cost

Project Cost \$14,437,130 % Nature-Based 0 BCR 1  
 Recurring costs 0 Issues -



FMP area



Regional view of FMP area

# Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title CR-2706 Drainage Improvements

ID# 04300013 Sponsor Hunt (County)

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

## Project Description

Two proposed bridge installations over creek crossing on Count Road 2706 to reduce roadway overtopping during storm events. A bridge class culvert, trapezoidal channel, and creek channel grading are also proposed.

|                           |                            |                                      |      |
|---------------------------|----------------------------|--------------------------------------|------|
| Watershed HUC# (if known) | 120100010201, 120100010202 | Emergency Need?                      | No   |
| Associated FMEs           | -                          | Drainage area (mi <sup>2</sup> est.) | 2    |
| Associated FMSs           | -                          | County                               | Hunt |
|                           |                            | Associated FMPs                      | -    |

## Existing 100-Year Flood Risk

|                                  |               |                              |           |                     |           |
|----------------------------------|---------------|------------------------------|-----------|---------------------|-----------|
| Flood risk type:                 | Riverine? Yes | Coastal? No                  | Local? No | Playa? No           | Other? No |
| Population at risk               | 7             | # of structures              | 3         | Critical facilities | 0         |
| Farm/Ranch land impacted (acres) | 169           | Roadway(s) impacted (length) | 1         |                     |           |
| Number of low water crossings    | 0             | Historical road closures     | 0         |                     |           |

## 100-Year Flood Risk Reduction

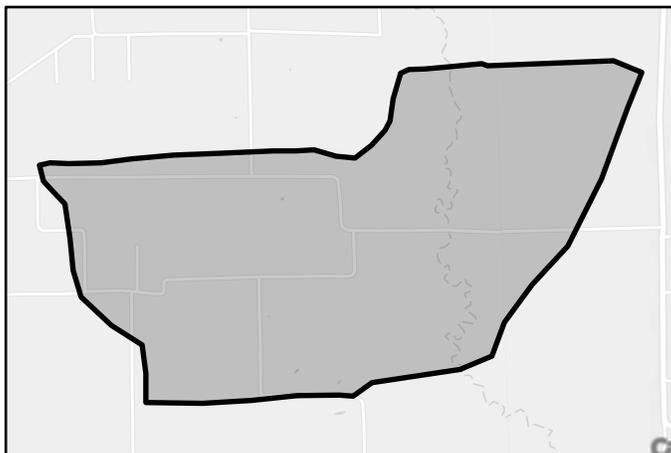
|   |                |   |   |
|---|----------------|---|---|
| Population removed from 100-yr          | 0              | # of structures removed from 100-yr           | 0 |
| Critical facilities removed from 100-yr | 0              | Farm/Ranch land removed from 100-yr (acres)   | 0 |
| Road removed from 100-yr (miles)        | 0              | Low water crossings removed from 100-yr       | 0 |
| Other benefits                          | Transportation | Reduction in # of road closures over 10 years | 0 |

## Impacts

|                             |    |                                       |      |
|-----------------------------|----|---------------------------------------|------|
| Negative impacts?           | No | Negative impacts description          | None |
| Water supply contributions? | No | Water supply contribution description | None |

## Estimated Cost

|                 |             |                |   |     |   |
|-----------------|-------------|----------------|---|-----|---|
| Project Cost    | \$9,125,858 | % Nature-Based | 0 | BCR | 1 |
| Recurring costs | 0           | Issues         | - |     |   |



FMP area



Regional view of FMP area

# Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title CR-3101 Drainage Improvements

ID# 043000014 Sponsor Hunt (County)

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

## Project Description

Two proposed bridge installations over nearby creek crossings on County Road 3101 to reduce roadway overtopping during storm events. Includes some creek channel grading improvements.

|                           |              |                                      |      |
|---------------------------|--------------|--------------------------------------|------|
| Watershed HUC# (if known) | 120100010103 | Emergency Need?                      | No   |
| Associated FMEs           | -            | Drainage area (mi <sup>2</sup> est.) | 1    |
| Associated FMSs           | -            | County                               | Hunt |
|                           |              | Associated FMPs                      | -    |

## Existing 100-Year Flood Risk

|                                  |               |                              |           |                     |           |
|----------------------------------|---------------|------------------------------|-----------|---------------------|-----------|
| Flood risk type:                 | Riverine? Yes | Coastal? No                  | Local? No | Playa? No           | Other? No |
| Population at risk               | 2             | # of structures              | 2         | Critical facilities | 0         |
| Farm/Ranch land impacted (acres) | 127           | Roadway(s) impacted (length) | 0         |                     |           |
| Number of low water crossings    | 0             | Historical road closures     | 0         |                     |           |

## 100-Year Flood Risk Reduction

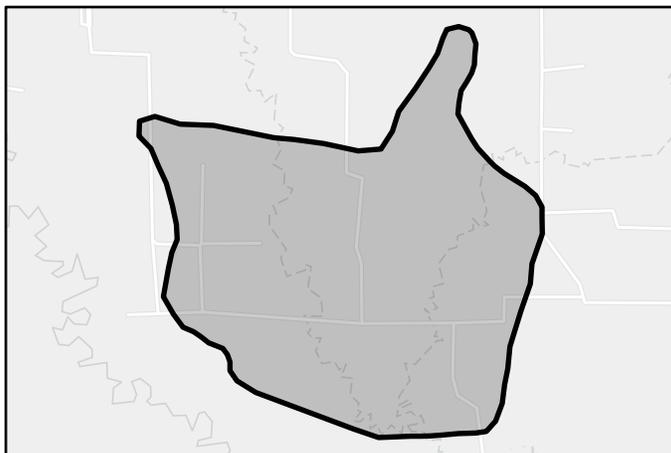
|   |                |   |   |
|---|----------------|---|---|
| Population removed from 100-yr          | 0              | # of structures removed from 100-yr           | 0 |
| Critical facilities removed from 100-yr | 0              | Farm/Ranch land removed from 100-yr (acres)   | 0 |
| Road removed from 100-yr (miles)        | 0              | Low water crossings removed from 100-yr       | 0 |
| Other benefits                          | Transportation | Reduction in # of road closures over 10 years | 0 |

## Impacts

|                             |    |                                       |      |
|-----------------------------|----|---------------------------------------|------|
| Negative impacts?           | No | Negative impacts description          | None |
| Water supply contributions? | No | Water supply contribution description | None |

## Estimated Cost

|                 |             |                |   |     |   |
|-----------------|-------------|----------------|---|-----|---|
| Project Cost    | \$9,217,492 | % Nature-Based | 0 | BCR | 0 |
| Recurring costs | 0           | Issues         | - |     |   |



FMP area



Regional view of FMP area

# Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Project Description

Proposed bridge installation over creek crossing on County Road 4105 to reduce roadway overtopping during storm events. Includes side ditch grading improvements.

Watershed HUC# (if known)  Emergency Need?

Drainage area (mi<sup>2</sup> est.)

Associated FMEs  County

Associated FMSs  Associated FMPs

## Existing 100-Year Flood Risk

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

Population at risk  # of structures  Critical facilities

Farm/Ranch land impacted (acres)  Roadway(s) impacted (length)

Number of low water crossings  Historical road closures

## 100-Year Flood Risk Reduction

Population removed from 100-yr  # of structures removed from 100-yr

Critical facilities removed from 100-yr  Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles)  Low water crossings removed from 100-yr

Other benefits  Reduction in # of road closures over 10 years

## Impacts

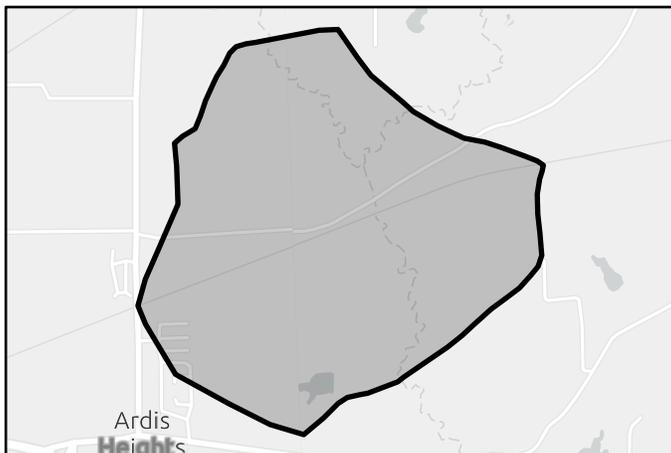
Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Project Cost  % Nature-Based  BCR

Recurring costs  Issues



FMP area



Regional view of FMP area

# Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title CR-4106 Drainage Improvements

ID# 043000016 Sponsor Hunt (County)

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

## Project Description

Two proposed bridge installations over creek crossing on Count Road 4106 to reduce roadway overtopping during storm events. Includes some creek channel grading improvements directly under the proposed bridges.

Watershed HUC# (if known) 120100010103, 120100010104 Emergency Need? No  
 Drainage area (mi<sup>2</sup> est.) 1  
 Associated FMEs - County Hunt  
 Associated FMSs - Associated FMPs -

## Existing 100-Year Flood Risk

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No  
 Population at risk 3 # of structures 5 Critical facilities 0  
 Farm/Ranch land impacted (acres) 51 Roadway(s) impacted (length) 0  
 Number of low water crossings 0 Historical road closures 0

## 100-Year Flood Risk Reduction

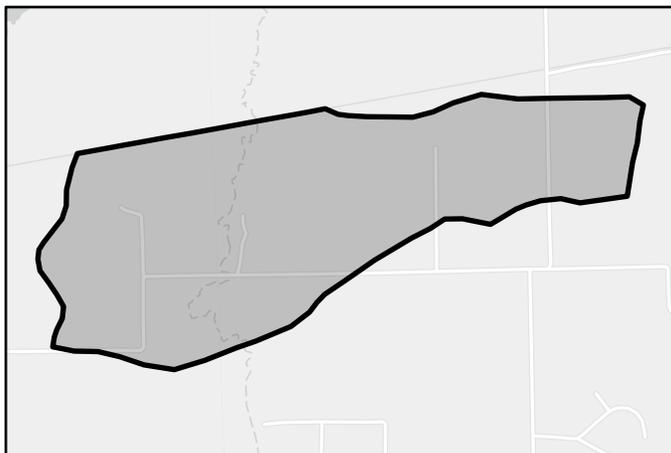
Population removed from 100-yr 0 # of structures removed from 100-yr 0  
 Critical facilities removed from 100-yr 0 Farm/Ranch land removed from 100-yr (acres) 0  
 Road removed from 100-yr (miles) 0 Low water crossings removed from 100-yr 0  
 Other benefits Transportation Reduction in # of road closures over 10 years 0

## Impacts

Negative impacts? No Negative impacts description None  
 Water supply contributions? No Water supply contribution description None

## Estimated Cost

Project Cost \$3,344,199 % Nature-Based 0 BCR 1  
 Recurring costs 0 Issues -



FMP area



Regional view of FMP area

# Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Project Description

Program comprised of improvements and construction of new infrastructure currently being implemented to reduce the risk of storm surge impacts in Orange, Jefferson, and Brazoria Counties in Texas.

|                           |   |                                      |   |
|---------------------------|---|--------------------------------------|---|
| Watershed HUC# (if known) | <input type="text" value="120100051005, 120100051004, 120100051100, 120100051003"/> | Emergency Need?                      | <input type="text" value="Yes"/>            |
| Associated FMEs           | <input type="text" value="999999"/>   | Drainage area (mi <sup>2</sup> est.) | <input type="text" value="265"/>            |
| Associated FMSs           | <input type="text" value="999999"/>   | County                               | <input type="text" value="Orange, Newton"/> |
|                           |   | Associated FMPs                      | <input type="text" value="053000005"/>      |

## Existing 100-Year Flood Risk

|                                  |   |   |  |  |  |
|----------------------------------|---|---|--|--|--|
| Flood risk type:                 | Riverine? <input type="text" value="No"/> | Coastal? <input type="text" value="Yes"/> | Local? <input type="text" value="No"/> | Playa? <input type="text" value="No"/> | Other? <input type="text" value="No"/> |
| Population at risk               | <input type="text" value="24,485"/>       | # of structures                           | <input type="text" value="7,929"/>     | Critical facilities                    | <input type="text" value="206"/>       |
| Farm/Ranch land impacted (acres) | <input type="text" value="3,495"/>        | Roadway(s) impacted (length)              | <input type="text" value="158"/>       |  |  |
| Number of low water crossings    | <input type="text" value="21"/>           | Historical road closures                  | <input type="text" value="0"/>         |  |  |

## 100-Year Flood Risk Reduction

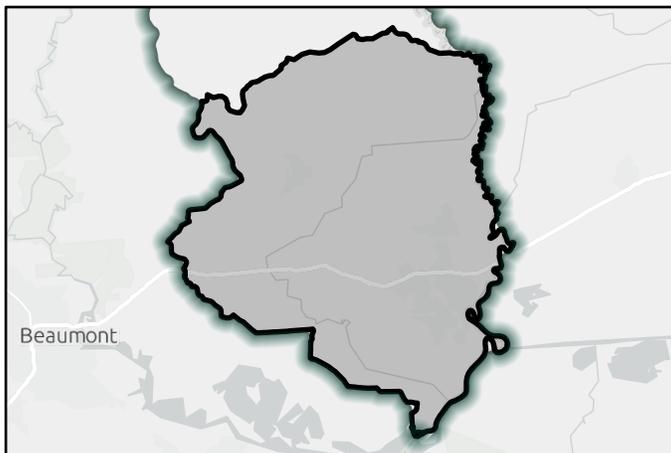
|   |   |   |                                    |
|---|---|---|------------------------------------|
| Population removed from 100-yr          | <input type="text" value="2,375"/>                        | # of structures removed from 100-yr           | <input type="text" value="1,618"/> |
| Critical facilities removed from 100-yr | <input type="text" value="9"/>                            | Farm/Ranch land removed from 100-yr (acres)   | <input type="text" value="1,679"/> |
| Road removed from 100-yr (miles)        | <input type="text" value="28"/>                           | Low water crossings removed from 100-yr       | <input type="text" value="21"/>    |
| Other benefits                          | <input type="text" value="Environmental, Water Quality"/> | Reduction in # of road closures over 10 years | <input type="text" value="-"/>     |

## Impacts

|                             |                                 |                                       |                                   |
|-----------------------------|---------------------------------|---------------------------------------|-----------------------------------|
| Negative impacts?           | <input type="text" value="No"/> | Negative impacts description          | <input type="text" value="None"/> |
| Water supply contributions? | <input type="text" value="No"/> | Water supply contribution description | <input type="text" value="None"/> |

## Estimated Cost

|                 |  |                |                                |     |                                |
|-----------------|--|----------------|--------------------------------|-----|--------------------------------|
| Project Cost    | <input type="text" value="\$2,270,099,968"/> | % Nature-Based | <input type="text" value="0"/> | BCR | <input type="text" value="2"/> |
| Recurring costs | <input type="text" value="0"/>               | Issues         | <input type="text" value="-"/> |     |                                |



FMP area



Regional view of FMP area

# Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Project Description

|  |   |
|--|---|
| Watershed HUC# (if known) <input type="text" value="120100020502,120100020503"/> | Emergency Need? <input type="text" value="No"/>                     |
| Associated FMEs <input type="text" value="999999"/>                              | Drainage area (mi <sup>2</sup> est.) <input type="text" value="1"/> |
| Associated FMSs <input type="text" value="999999"/>                              | County <input type="text" value="Gregg"/>                           |
|  | Associated FMPs <input type="text" value="999999"/>                 |

## Existing 100-Year Flood Risk

|   |   |  |  |  |
|---|---|--|--|--|
| Flood risk type: Riverine? <input type="text" value="Yes"/>     | Coastal? <input type="text" value="No"/>                    | Local? <input type="text" value="No"/>             | Playa? <input type="text" value="No"/> | Other? <input type="text" value="No"/> |
| Population at risk <input type="text" value="0"/>               | # of structures <input type="text" value="0"/>              | Critical facilities <input type="text" value="0"/> |  |  |
| Farm/Ranch land impacted (acres) <input type="text" value="0"/> | Roadway(s) impacted (length) <input type="text" value="2"/> |  |  |  |
| Number of low water crossings <input type="text" value="0"/>    | Historical road closures <input type="text" value="0"/>     |  |  |  |

## 100-Year Flood Risk Reduction

|  |  |
|--|--|
| Population removed from 100-yr <input type="text" value="0"/>          | # of structures removed from 100-yr <input type="text" value="0"/>           |
| Critical facilities removed from 100-yr <input type="text" value="0"/> | Farm/Ranch land removed from 100-yr (acres) <input type="text" value="0"/>   |
| Road removed from 100-yr (miles) <input type="text" value="1"/>        | Low water crossings removed from 100-yr <input type="text" value="0"/>       |
| Other benefits <input type="text" value="Transportation"/>             | Reduction in # of road closures over 10 years <input type="text" value="-"/> |

## Impacts

|   |   |
|---|---|
| Negative impacts? <input type="text" value="No"/>           | Negative impacts description <input type="text" value="None"/>          |
| Water supply contributions? <input type="text" value="No"/> | Water supply contribution description <input type="text" value="None"/> |

## Estimated Cost

|   |   |                                    |
|---|---|------------------------------------|
| Project Cost <input type="text" value="\$2,238,252"/> | % Nature-Based <input type="text" value="0"/> | BCR <input type="text" value="0"/> |
| Recurring costs <input type="text" value="0"/>        | Issues <input type="text" value="-"/>         |                                    |



FMP area



Regional view of FMP area

# Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Project Description

Remove debris and clear channel South of Hwy 59 to Five Notch Rd

Watershed HUC# (if known)  Emergency Need?

Drainage area (mi<sup>2</sup> est.)

Associated FMEs  County

Associated FMSs  Associated FMPs

## Existing 100-Year Flood Risk

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

Population at risk  # of structures  Critical facilities

Farm/Ranch land impacted (acres)  Roadway(s) impacted (length)

Number of low water crossings  Historical road closures

## 100-Year Flood Risk Reduction

Population removed from 100-yr  # of structures removed from 100-yr

Critical facilities removed from 100-yr  Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles)  Low water crossings removed from 100-yr

Other benefits  Reduction in # of road closures over 10 years

## Impacts

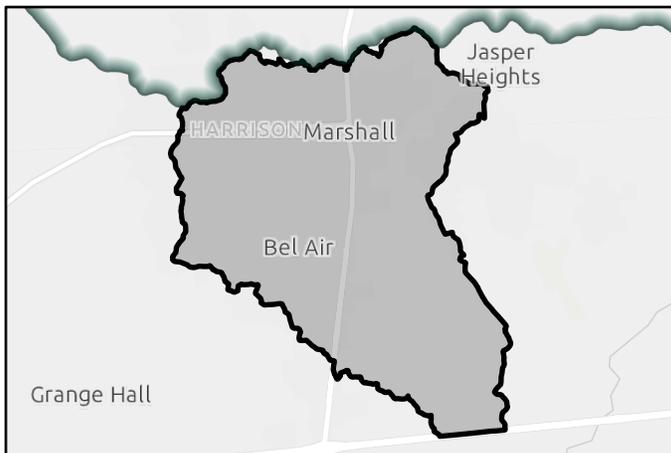
Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Project Cost  % Nature-Based  BCR

Recurring costs  Issues



FMP area



Regional view of FMP area

# Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Project Description

Remove debris and clear channel West of Hwy 59

Watershed HUC# (if known)  Emergency Need?

Drainage area (mi<sup>2</sup> est.)

Associated FMEs  County

Associated FMSs  Associated FMPs

## Existing 100-Year Flood Risk

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

Population at risk  # of structures  Critical facilities

Farm/Ranch land impacted (acres)  Roadway(s) impacted (length)

Number of low water crossings  Historical road closures

## 100-Year Flood Risk Reduction

Population removed from 100-yr  # of structures removed from 100-yr

Critical facilities removed from 100-yr  Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles)  Low water crossings removed from 100-yr

Other benefits  Reduction in # of road closures over 10 years

## Impacts

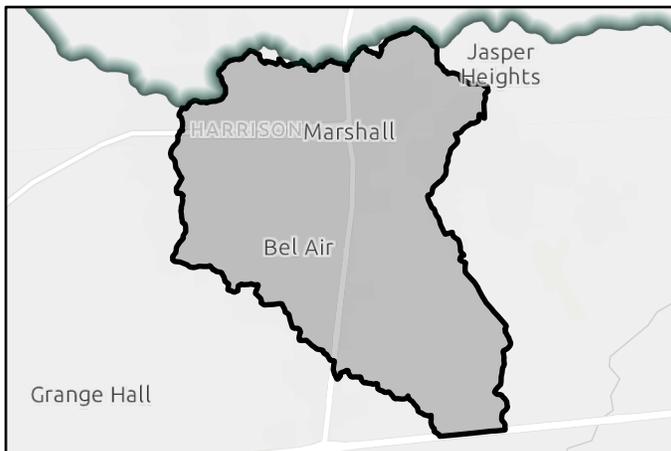
Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Project Cost  % Nature-Based  BCR

Recurring costs  Issues



FMP area



Regional view of FMP area

# Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Project Description

Improve Drainage Walls - Carter thru City Park

Watershed HUC# (if known)  Emergency Need?

Drainage area (mi<sup>2</sup> est.)

Associated FMEs  County

Associated FMSs  Associated FMPs

## Existing 100-Year Flood Risk

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

Population at risk  # of structures  Critical facilities

Farm/Ranch land impacted (acres)  Roadway(s) impacted (length)

Number of low water crossings  Historical road closures

## 100-Year Flood Risk Reduction

Population removed from 100-yr  # of structures removed from 100-yr

Critical facilities removed from 100-yr  Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles)  Low water crossings removed from 100-yr

Other benefits  Reduction in # of road closures over 10 years

## Impacts

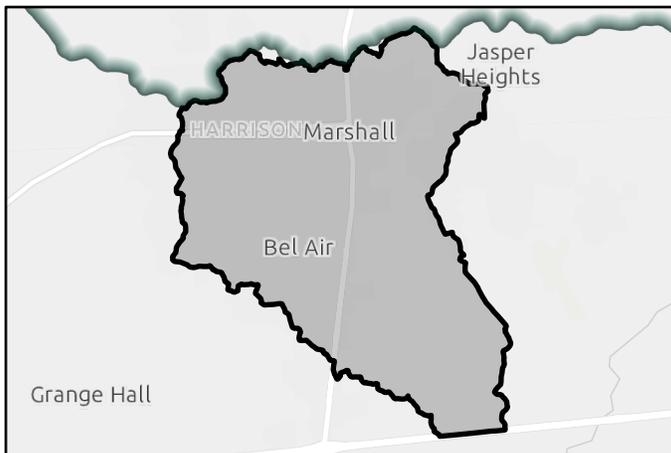
Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Project Cost  % Nature-Based  BCR

Recurring costs  Issues



FMP area



Regional view of FMP area

# Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Project Description

Detention pond by UPRR

Watershed HUC# (if known)  Emergency Need?

Drainage area (mi<sup>2</sup> est.)

Associated FMEs  County

Associated FMSs  Associated FMPs

## Existing 100-Year Flood Risk

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

Population at risk  # of structures  Critical facilities

Farm/Ranch land impacted (acres)  Roadway(s) impacted (length)

Number of low water crossings  Historical road closures

## 100-Year Flood Risk Reduction

Population removed from 100-yr  # of structures removed from 100-yr

Critical facilities removed from 100-yr  Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles)  Low water crossings removed from 100-yr

Other benefits  Reduction in # of road closures over 10 years

## Impacts

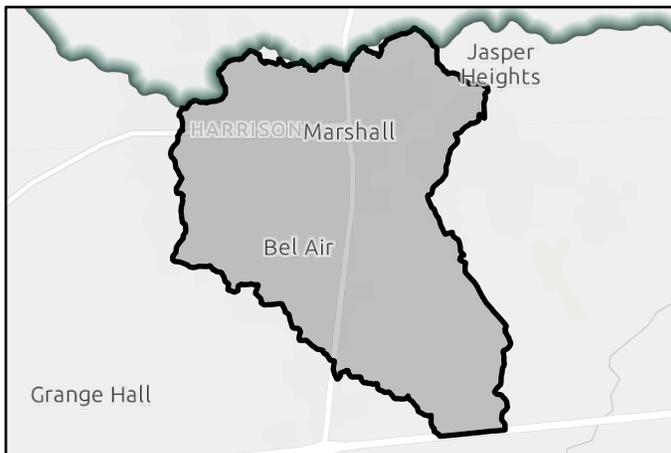
Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Project Cost  % Nature-Based  BCR

Recurring costs  Issues



FMP area



Regional view of FMP area

# Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Project Description

Drainage improvement through Smith Park

Watershed HUC# (if known)  Emergency Need?

Drainage area (mi<sup>2</sup> est.)

Associated FMEs  County

Associated FMSs  Associated FMPs

## Existing 100-Year Flood Risk

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

Population at risk  # of structures  Critical facilities

Farm/Ranch land impacted (acres)  Roadway(s) impacted (length)

Number of low water crossings  Historical road closures

## 100-Year Flood Risk Reduction

Population removed from 100-yr  # of structures removed from 100-yr

Critical facilities removed from 100-yr  Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles)  Low water crossings removed from 100-yr

Other benefits  Reduction in # of road closures over 10 years

## Impacts

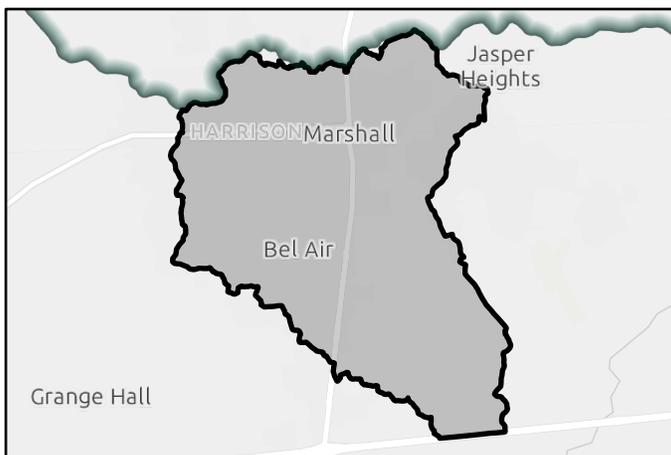
Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Project Cost  % Nature-Based  BCR

Recurring costs  Issues



FMP area



Regional view of FMP area

# Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Project Description

Improvements through downtown

Watershed HUC# (if known)  Emergency Need?

Drainage area (mi<sup>2</sup> est.)

Associated FMEs  County

Associated FMSs  Associated FMPs

## Existing 100-Year Flood Risk

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

Population at risk  # of structures  Critical facilities

Farm/Ranch land impacted (acres)  Roadway(s) impacted (length)

Number of low water crossings  Historical road closures

## 100-Year Flood Risk Reduction

Population removed from 100-yr  # of structures removed from 100-yr

Critical facilities removed from 100-yr  Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles)  Low water crossings removed from 100-yr

Other benefits  Reduction in # of road closures over 10 years

## Impacts

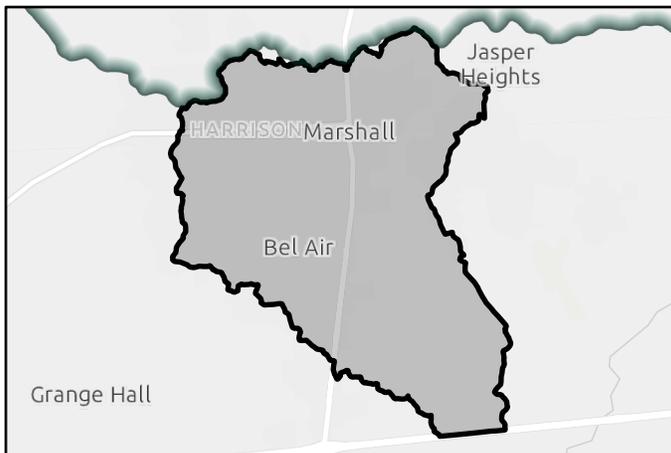
Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Project Cost  % Nature-Based  BCR

Recurring costs  Issues



FMP area



Regional view of FMP area

# Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Project Description

Implementation of program to purchase properties and repetitive loss homes in floodplain areas to reserve them from development.

|                           |   |                                      |                                    |
|---------------------------|---|--------------------------------------|------------------------------------|
| Watershed HUC# (if known) | <input type="text" value="120100020506, 120100020601, 120100020504, 120100020505"/> | Emergency Need?                      | <input type="text" value="Yes"/>   |
| Associated FMEs           | <input type="text" value="-"/>  | Drainage area (mi <sup>2</sup> est.) | <input type="text" value="94"/>    |
| Associated FMSs           | <input type="text" value="-"/>  | County                               | <input type="text" value="Gregg"/> |
|                           |   | Associated FMPs                      | <input type="text" value="-"/>     |

## Existing 100-Year Flood Risk

|                                  |  |  |  |  |  |
|----------------------------------|--|--|--|--|--|
| Flood risk type:                 | Riverine? <input type="text" value="Yes"/> | Coastal? <input type="text" value="No"/> | Local? <input type="text" value="No"/> | Playa? <input type="text" value="No"/> | Other? <input type="text" value="No"/> |
| Population at risk               | <input type="text" value="12,674"/>        | # of structures                          | <input type="text" value="1,520"/>     | Critical facilities                    | <input type="text" value="17"/>        |
| Farm/Ranch land impacted (acres) | <input type="text" value="1,405"/>         | Roadway(s) impacted (length)             | <input type="text" value="51"/>        |  |  |
| Number of low water crossings    | <input type="text" value="0"/>             | Historical road closures                 | <input type="text" value="0"/>         |  |  |

## 100-Year Flood Risk Reduction

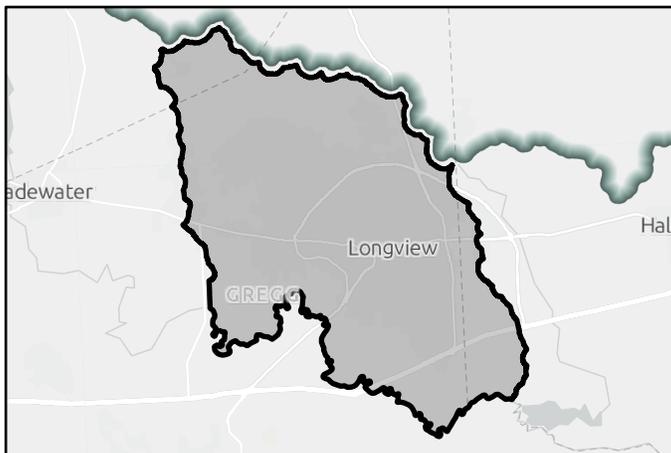
|   |  |   |                                |
|---|--|---|--------------------------------|
| Population removed from 100-yr          | <input type="text" value="18"/>            | # of structures removed from 100-yr           | <input type="text" value="4"/> |
| Critical facilities removed from 100-yr | <input type="text" value="-"/>             | Farm/Ranch land removed from 100-yr (acres)   | <input type="text" value="-"/> |
| Road removed from 100-yr (miles)        | <input type="text" value="-"/>             | Low water crossings removed from 100-yr       | <input type="text" value="-"/> |
| Other benefits                          | <input type="text" value="Environmental"/> | Reduction in # of road closures over 10 years | <input type="text" value="-"/> |

## Impacts

|                             |                                 |                                       |                                   |
|-----------------------------|---------------------------------|---------------------------------------|-----------------------------------|
| Negative impacts?           | <input type="text" value="No"/> | Negative impacts description          | <input type="text" value="None"/> |
| Water supply contributions? | <input type="text" value="No"/> | Water supply contribution description | <input type="text" value="None"/> |

## Estimated Cost

|                 |   |                |                                |     |                                |
|-----------------|---|----------------|--------------------------------|-----|--------------------------------|
| Project Cost    | <input type="text" value="\$10,000,000"/> | % Nature-Based | <input type="text" value="-"/> | BCR | <input type="text" value="1"/> |
| Recurring costs | <input type="text" value="0"/>            | Issues         | <input type="text" value="-"/> |     |                                |



FMP area



Regional view of FMP area

# Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Project Description

Implementation of program to purchase properties and repetitive loss homes in floodplain areas to reserve them from development.

|                           |   |                                      |   |
|---------------------------|---|--------------------------------------|---|
| Watershed HUC# (if known) | <input type="text" value="120100020501, 120100020506, 120100020502, 120100020503, 120100020601"/> | Emergency Need?                      | <input type="text" value="Yes"/>        |
| Associated FMEs           | <input type="text" value="-"/>  | Drainage area (mi <sup>2</sup> est.) | <input type="text" value="155"/>        |
| Associated FMSs           | <input type="text" value="-"/>  | County                               | <input type="text" value="Gregg,Rusk"/> |
|                           |   | Associated FMPs                      | <input type="text" value="-"/>          |

## Existing 100-Year Flood Risk

|                                  |  |  |  |  |  |
|----------------------------------|--|--|--|--|--|
| Flood risk type:                 | Riverine? <input type="text" value="Yes"/> | Coastal? <input type="text" value="No"/> | Local? <input type="text" value="No"/> | Playa? <input type="text" value="No"/> | Other? <input type="text" value="No"/> |
| Population at risk               | <input type="text" value="1,891"/>         | # of structures                          | <input type="text" value="517"/>       | Critical facilities                    | <input type="text" value="3"/>         |
| Farm/Ranch land impacted (acres) | <input type="text" value="3,000"/>         | Roadway(s) impacted (length)             | <input type="text" value="45"/>        |  |  |
| Number of low water crossings    | <input type="text" value="3"/>             | Historical road closures                 | <input type="text" value="3"/>         |  |  |

## 100-Year Flood Risk Reduction

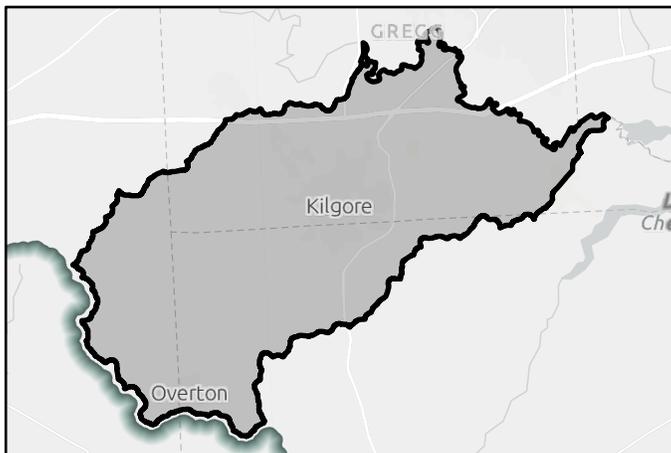
|   |  |   |                                 |
|---|--|---|---------------------------------|
| Population removed from 100-yr          | <input type="text" value="75"/>            | # of structures removed from 100-yr           | <input type="text" value="22"/> |
| Critical facilities removed from 100-yr | <input type="text" value="0"/>             | Farm/Ranch land removed from 100-yr (acres)   | <input type="text" value="0"/>  |
| Road removed from 100-yr (miles)        | <input type="text" value="0"/>             | Low water crossings removed from 100-yr       | <input type="text" value="0"/>  |
| Other benefits                          | <input type="text" value="Environmental"/> | Reduction in # of road closures over 10 years | <input type="text" value="0"/>  |

## Impacts

|                             |                                 |                                       |                                   |
|-----------------------------|---------------------------------|---------------------------------------|-----------------------------------|
| Negative impacts?           | <input type="text" value="No"/> | Negative impacts description          | <input type="text" value="None"/> |
| Water supply contributions? | <input type="text" value="No"/> | Water supply contribution description | <input type="text" value="None"/> |

## Estimated Cost

|                 |   |                |                                |     |                                |
|-----------------|---|----------------|--------------------------------|-----|--------------------------------|
| Project Cost    | <input type="text" value="\$56,159,648"/> | % Nature-Based | <input type="text" value="-"/> | BCR | <input type="text" value="3"/> |
| Recurring costs | <input type="text" value="0"/>            | Issues         | <input type="text" value="-"/> |     |                                |



FMP area



Regional view of FMP area

# Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Project Description

Acquire flood prone/repetitive loss properties and convert to open space, parks, boating access, trails, agricultural projects, and/or as a general community asset.

|                           |   |                                      |                                     |
|---------------------------|---|--------------------------------------|-------------------------------------|
| Watershed HUC# (if known) | <input type="text" value="120100051005, 120100051004, 120100051100, 120100051003"/> | Emergency Need?                      | <input type="text" value="Yes"/>    |
| Associated FMEs           | <input type="text" value="-"/>  | Drainage area (mi <sup>2</sup> est.) | <input type="text" value="371"/>    |
| Associated FMSs           | <input type="text" value="999999"/>   | County                               | <input type="text" value="Orange"/> |
|                           |   | Associated FMPs                      | <input type="text" value="-"/>      |

## Existing 100-Year Flood Risk

|                                  |  |   |  |  |  |
|----------------------------------|--|---|--|--|--|
| Flood risk type:                 | Riverine? <input type="text" value="Yes"/> | Coastal? <input type="text" value="Yes"/> | Local? <input type="text" value="No"/> | Playa? <input type="text" value="No"/> | Other? <input type="text" value="No"/> |
| Population at risk               | <input type="text" value="44,427"/>        | # of structures                           | <input type="text" value="16,974"/>    | Critical facilities                    | <input type="text" value="269"/>       |
| Farm/Ranch land impacted (acres) | <input type="text" value="13,579"/>        | Roadway(s) impacted (length)              | <input type="text" value="364"/>       |  |  |
| Number of low water crossings    | <input type="text" value="22"/>            | Historical road closures                  | <input type="text" value="22"/>        |  |  |

## 100-Year Flood Risk Reduction

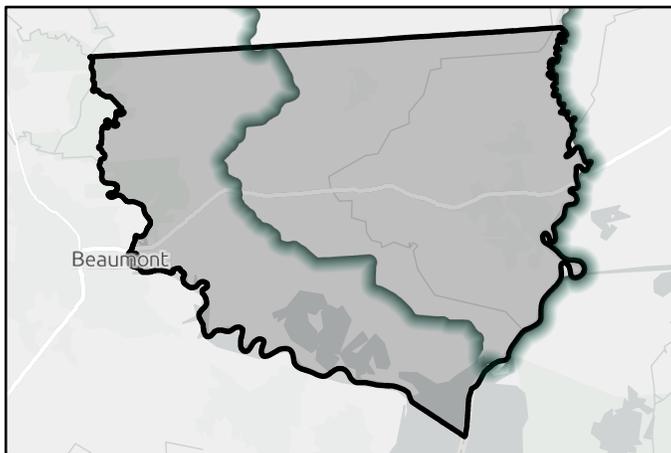
|   |  |   |                                |
|---|--|---|--------------------------------|
| Population removed from 100-yr          | <input type="text" value="0"/>             | # of structures removed from 100-yr           | <input type="text" value="0"/> |
| Critical facilities removed from 100-yr | <input type="text" value="0"/>             | Farm/Ranch land removed from 100-yr (acres)   | <input type="text" value="0"/> |
| Road removed from 100-yr (miles)        | <input type="text" value="0"/>             | Low water crossings removed from 100-yr       | <input type="text" value="0"/> |
| Other benefits                          | <input type="text" value="Environmental"/> | Reduction in # of road closures over 10 years | <input type="text" value="0"/> |

## Impacts

|                             |                                 |                                       |                                   |
|-----------------------------|---------------------------------|---------------------------------------|-----------------------------------|
| Negative impacts?           | <input type="text" value="No"/> | Negative impacts description          | <input type="text" value="None"/> |
| Water supply contributions? | <input type="text" value="No"/> | Water supply contribution description | <input type="text" value="None"/> |

## Estimated Cost

|                 |   |                |                                |     |                                |
|-----------------|---|----------------|--------------------------------|-----|--------------------------------|
| Project Cost    | <input type="text" value="\$10,000,000"/> | % Nature-Based | <input type="text" value="0"/> | BCR | <input type="text" value="1"/> |
| Recurring costs | <input type="text" value="0"/>            | Issues         | <input type="text" value="-"/> |     |                                |



FMP area



Regional view of FMP area

# Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Project Description

Elevations of homes within Floodplains throughout County.

|                           |   |                                      |                                     |
|---------------------------|---|--------------------------------------|-------------------------------------|
| Watershed HUC# (if known) | <input type="text" value="120100051005, 120100051004, 120100051100, 120100051003"/> | Emergency Need?                      | <input type="text" value="Yes"/>    |
| Associated FMEs           | <input type="text" value="-"/>  | Drainage area (mi <sup>2</sup> est.) | <input type="text" value="371"/>    |
| Associated FMSs           | <input type="text" value="999999"/>   | County                               | <input type="text" value="Orange"/> |
|                           |   | Associated FMPs                      | <input type="text" value="-"/>      |

## Existing 100-Year Flood Risk

|                                  |  |   |  |  |  |
|----------------------------------|--|---|--|--|--|
| Flood risk type:                 | Riverine? <input type="text" value="Yes"/> | Coastal? <input type="text" value="Yes"/> | Local? <input type="text" value="No"/> | Playa? <input type="text" value="No"/> | Other? <input type="text" value="No"/> |
| Population at risk               | <input type="text" value="44,427"/>        | # of structures                           | <input type="text" value="16,974"/>    | Critical facilities                    | <input type="text" value="269"/>       |
| Farm/Ranch land impacted (acres) | <input type="text" value="13,579"/>        | Roadway(s) impacted (length)              | <input type="text" value="364"/>       |  |  |
| Number of low water crossings    | <input type="text" value="22"/>            | Historical road closures                  | <input type="text" value="22"/>        |  |  |

## 100-Year Flood Risk Reduction

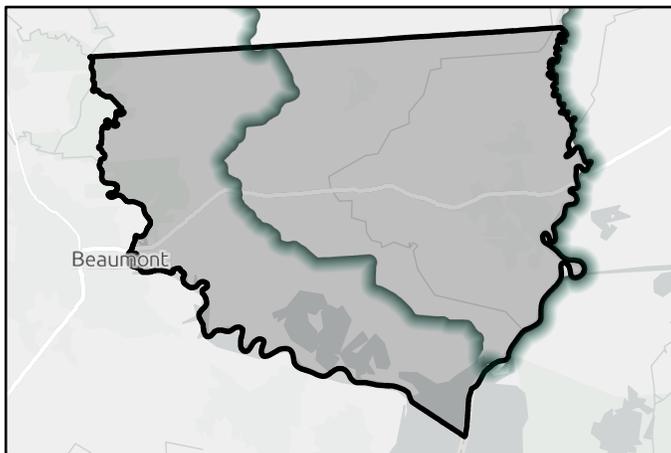
|   |  |   |                                |
|---|--|---|--------------------------------|
| Population removed from 100-yr          | <input type="text" value="0"/>             | # of structures removed from 100-yr           | <input type="text" value="0"/> |
| Critical facilities removed from 100-yr | <input type="text" value="0"/>             | Farm/Ranch land removed from 100-yr (acres)   | <input type="text" value="0"/> |
| Road removed from 100-yr (miles)        | <input type="text" value="0"/>             | Low water crossings removed from 100-yr       | <input type="text" value="0"/> |
| Other benefits                          | <input type="text" value="Environmental"/> | Reduction in # of road closures over 10 years | <input type="text" value="0"/> |

## Impacts

|                             |                                 |                                       |                                   |
|-----------------------------|---------------------------------|---------------------------------------|-----------------------------------|
| Negative impacts?           | <input type="text" value="No"/> | Negative impacts description          | <input type="text" value="None"/> |
| Water supply contributions? | <input type="text" value="No"/> | Water supply contribution description | <input type="text" value="None"/> |

## Estimated Cost

|                 |   |                |                                |     |                                |
|-----------------|---|----------------|--------------------------------|-----|--------------------------------|
| Project Cost    | <input type="text" value="\$10,000,000"/> | % Nature-Based | <input type="text" value="0"/> | BCR | <input type="text" value="1"/> |
| Recurring costs | <input type="text" value="0"/>            | Issues         | <input type="text" value="-"/> |     |                                |



FMP area



Regional view of FMP area

# Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Project Description

Proposed drainage improvements near Bighead Creek

|                           |   |                                      |                                   |
|---------------------------|---|--------------------------------------|-----------------------------------|
| Watershed HUC# (if known) | <input type="text" value="120100020501, 120100020506, 120100020502, 120100020503, 120100020601"/> | Emergency Need?                      | <input type="text" value="Yes"/>  |
| Associated FMEs           | <input type="text" value="-"/>  | Drainage area (mi <sup>2</sup> est.) | <input type="text" value="155"/>  |
| Associated FMSs           | <input type="text" value="-"/>  | County                               | <input type="text" value="Rusk"/> |
|                           |   | Associated FMPs                      | <input type="text" value="-"/>    |

## Existing 100-Year Flood Risk

|                                  |  |  |  |  |  |
|----------------------------------|--|--|--|--|--|
| Flood risk type:                 | Riverine? <input type="text" value="Yes"/> | Coastal? <input type="text" value="No"/> | Local? <input type="text" value="No"/> | Playa? <input type="text" value="No"/> | Other? <input type="text" value="No"/> |
| Population at risk               | <input type="text" value="1,891"/>         | # of structures                          | <input type="text" value="517"/>       | Critical facilities                    | <input type="text" value="3"/>         |
| Farm/Ranch land impacted (acres) | <input type="text" value="3,000"/>         | Roadway(s) impacted (length)             | <input type="text" value="45"/>        |  |  |
| Number of low water crossings    | <input type="text" value="3"/>             | Historical road closures                 | <input type="text" value="3"/>         |  |  |

## 100-Year Flood Risk Reduction

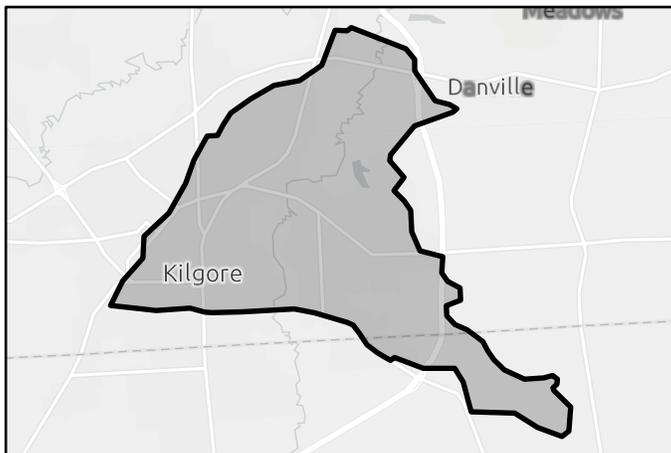
|   |   |   |                                |
|---|---|---|--------------------------------|
| Population removed from 100-yr          | <input type="text" value="-"/>              | # of structures removed from 100-yr           | <input type="text" value="-"/> |
| Critical facilities removed from 100-yr | <input type="text" value="-"/>              | Farm/Ranch land removed from 100-yr (acres)   | <input type="text" value="-"/> |
| Road removed from 100-yr (miles)        | <input type="text" value="-"/>              | Low water crossings removed from 100-yr       | <input type="text" value="-"/> |
| Other benefits                          | <input type="text" value="Transportation"/> | Reduction in # of road closures over 10 years | <input type="text" value="-"/> |

## Impacts

|                             |                                 |                                       |                                   |
|-----------------------------|---------------------------------|---------------------------------------|-----------------------------------|
| Negative impacts?           | <input type="text" value="No"/> | Negative impacts description          | <input type="text" value="None"/> |
| Water supply contributions? | <input type="text" value="No"/> | Water supply contribution description | <input type="text" value="None"/> |

## Estimated Cost

|                 |   |                |                                |     |                                |
|-----------------|---|----------------|--------------------------------|-----|--------------------------------|
| Project Cost    | <input type="text" value="\$57,548,151"/> | % Nature-Based | <input type="text" value="-"/> | BCR | <input type="text" value="0"/> |
| Recurring costs | <input type="text" value="0"/>            | Issues         | <input type="text" value="-"/> |     |                                |



FMP area



Regional view of FMP area

# Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Project Description

Proposed drainage improvements near Harris Creek

|                           |   |                                      |                                    |
|---------------------------|---|--------------------------------------|------------------------------------|
| Watershed HUC# (if known) | <input type="text" value="120100020506, 120100020601, 120100020504, 120100020505"/> | Emergency Need?                      | <input type="text" value="Yes"/>   |
| Associated FMEs           | <input type="text" value="-"/>  | Drainage area (mi <sup>2</sup> est.) | <input type="text" value="94"/>    |
| Associated FMSs           | <input type="text" value="-"/>  | County                               | <input type="text" value="Gregg"/> |
|                           |   | Associated FMPs                      | <input type="text" value="-"/>     |

## Existing 100-Year Flood Risk

|                                  |  |  |  |  |  |
|----------------------------------|--|--|--|--|--|
| Flood risk type:                 | Riverine? <input type="text" value="Yes"/> | Coastal? <input type="text" value="No"/> | Local? <input type="text" value="No"/> | Playa? <input type="text" value="No"/> | Other? <input type="text" value="No"/> |
| Population at risk               | <input type="text" value="3,309"/>         | # of structures                          | <input type="text" value="541"/>       | Critical facilities                    | <input type="text" value="1"/>         |
| Farm/Ranch land impacted (acres) | <input type="text" value="-"/>             | Roadway(s) impacted (length)             | <input type="text" value="4"/>         |  |  |
| Number of low water crossings    | <input type="text" value="0"/>             | Historical road closures                 | <input type="text" value="0"/>         |  |  |

## 100-Year Flood Risk Reduction

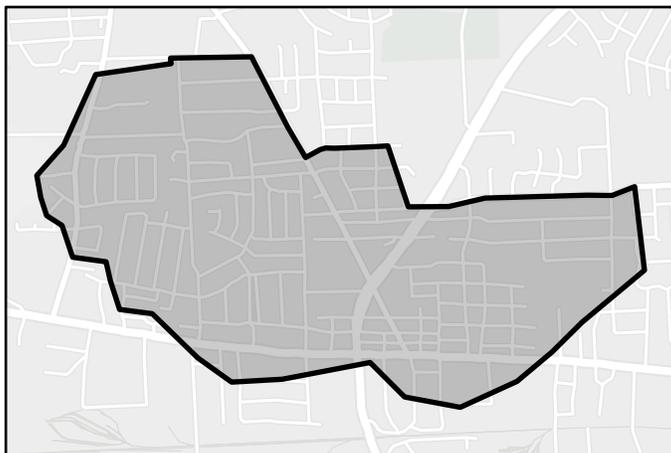
|   |   |   |                                 |
|---|---|---|---------------------------------|
| Population removed from 100-yr          | <input type="text" value="246"/>            | # of structures removed from 100-yr           | <input type="text" value="50"/> |
| Critical facilities removed from 100-yr | <input type="text" value="0"/>              | Farm/Ranch land removed from 100-yr (acres)   | <input type="text" value="0"/>  |
| Road removed from 100-yr (miles)        | <input type="text" value="-"/>              | Low water crossings removed from 100-yr       | <input type="text" value="0"/>  |
| Other benefits                          | <input type="text" value="Transportation"/> | Reduction in # of road closures over 10 years | <input type="text" value="0"/>  |

## Impacts

|                             |                                 |                                       |                                   |
|-----------------------------|---------------------------------|---------------------------------------|-----------------------------------|
| Negative impacts?           | <input type="text" value="No"/> | Negative impacts description          | <input type="text" value="None"/> |
| Water supply contributions? | <input type="text" value="No"/> | Water supply contribution description | <input type="text" value="None"/> |

## Estimated Cost

|                 |   |                |                                |     |                                |
|-----------------|---|----------------|--------------------------------|-----|--------------------------------|
| Project Cost    | <input type="text" value="\$53,892,341"/> | % Nature-Based | <input type="text" value="-"/> | BCR | <input type="text" value="0"/> |
| Recurring costs | <input type="text" value="0"/>            | Issues         | <input type="text" value="-"/> |     |                                |



FMP area



Regional view of FMP area

# Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Project Description

Proposed drainage improvements near Iron Bridge Creek

|                           |   |                                      |                                    |
|---------------------------|---|--------------------------------------|------------------------------------|
| Watershed HUC# (if known) | <input type="text" value="120100020506, 120100020601, 120100020504, 120100020505"/> | Emergency Need?                      | <input type="text" value="Yes"/>   |
| Associated FMEs           | <input type="text" value="-"/>  | Drainage area (mi <sup>2</sup> est.) | <input type="text" value="94"/>    |
| Associated FMSs           | <input type="text" value="-"/>  | County                               | <input type="text" value="Gregg"/> |
|                           |   | Associated FMPs                      | <input type="text" value="-"/>     |

## Existing 100-Year Flood Risk

|                                  |  |  |  |  |  |
|----------------------------------|--|--|--|--|--|
| Flood risk type:                 | Riverine? <input type="text" value="Yes"/> | Coastal? <input type="text" value="No"/> | Local? <input type="text" value="No"/> | Playa? <input type="text" value="No"/> | Other? <input type="text" value="No"/> |
| Population at risk               | <input type="text" value="2,069"/>         | # of structures                          | <input type="text" value="360"/>       | Critical facilities                    | <input type="text" value="1"/>         |
| Farm/Ranch land impacted (acres) | <input type="text" value="-"/>             | Roadway(s) impacted (length)             | <input type="text" value="2"/>         |  |  |
| Number of low water crossings    | <input type="text" value="0"/>             | Historical road closures                 | <input type="text" value="0"/>         |  |  |

## 100-Year Flood Risk Reduction

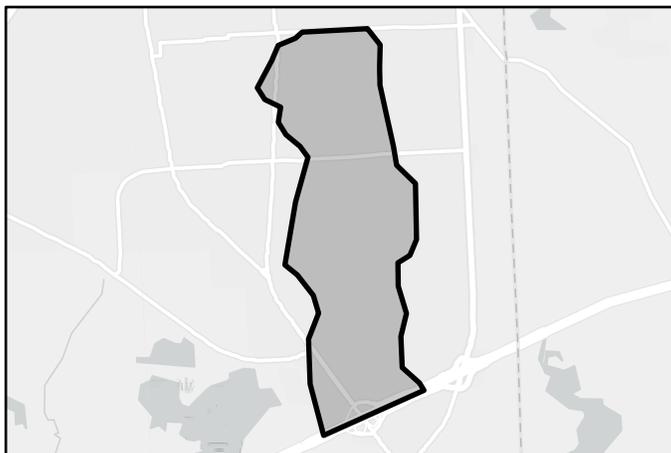
|   |   |   |                                 |
|---|---|---|---------------------------------|
| Population removed from 100-yr          | <input type="text" value="26"/>             | # of structures removed from 100-yr           | <input type="text" value="14"/> |
| Critical facilities removed from 100-yr | <input type="text" value="0"/>              | Farm/Ranch land removed from 100-yr (acres)   | <input type="text" value="0"/>  |
| Road removed from 100-yr (miles)        | <input type="text" value="-"/>              | Low water crossings removed from 100-yr       | <input type="text" value="0"/>  |
| Other benefits                          | <input type="text" value="Transportation"/> | Reduction in # of road closures over 10 years | <input type="text" value="0"/>  |

## Impacts

|                             |                                 |                                       |                                   |
|-----------------------------|---------------------------------|---------------------------------------|-----------------------------------|
| Negative impacts?           | <input type="text" value="No"/> | Negative impacts description          | <input type="text" value="None"/> |
| Water supply contributions? | <input type="text" value="No"/> | Water supply contribution description | <input type="text" value="None"/> |

## Estimated Cost

|                 |   |                |                                |     |                                |
|-----------------|---|----------------|--------------------------------|-----|--------------------------------|
| Project Cost    | <input type="text" value="\$25,270,808"/> | % Nature-Based | <input type="text" value="-"/> | BCR | <input type="text" value="0"/> |
| Recurring costs | <input type="text" value="0"/>            | Issues         | <input type="text" value="-"/> |     |                                |



FMP area



Regional view of FMP area

# Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title CR-342 Drainage Improvements

ID# 043000034 Sponsor Kaufman (County)

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

## Project Description

Proposed bridge installation over creek crossing on County Road 342 to reduce roadway overtopping during storm events.

|                           |              |                                      |         |
|---------------------------|--------------|--------------------------------------|---------|
| Watershed HUC# (if known) | 120100010405 | Emergency Need?                      | No      |
| Associated FMEs           | -            | Drainage area (mi <sup>2</sup> est.) | 0       |
| Associated FMSs           | -            | County                               | Kaufman |
|                           |              | Associated FMPs                      | -       |

## Existing 100-Year Flood Risk

|                                  |               |                              |           |                     |           |
|----------------------------------|---------------|------------------------------|-----------|---------------------|-----------|
| Flood risk type:                 | Riverine? Yes | Coastal? No                  | Local? No | Playa? No           | Other? No |
| Population at risk               | 0             | # of structures              | 0         | Critical facilities | 0         |
| Farm/Ranch land impacted (acres) | 0             | Roadway(s) impacted (length) | 0         |                     |           |
| Number of low water crossings    | 1             | Historical road closures     | 1         |                     |           |

## 100-Year Flood Risk Reduction

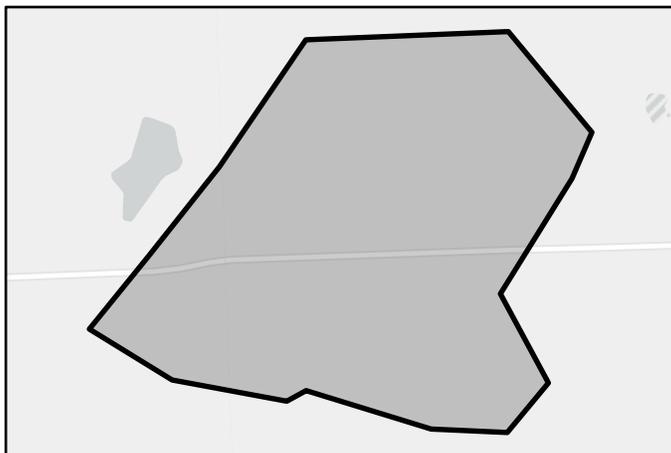
|   |                |   |   |
|---|----------------|---|---|
| Population removed from 100-yr          | 0              | # of structures removed from 100-yr           | 0 |
| Critical facilities removed from 100-yr | 0              | Farm/Ranch land removed from 100-yr (acres)   | 0 |
| Road removed from 100-yr (miles)        | 0              | Low water crossings removed from 100-yr       | 1 |
| Other benefits                          | Transportation | Reduction in # of road closures over 10 years | 1 |

## Impacts

|                             |    |                                       |      |
|-----------------------------|----|---------------------------------------|------|
| Negative impacts?           | No | Negative impacts description          | None |
| Water supply contributions? | No | Water supply contribution description | None |

## Estimated Cost

|                 |             |                |   |     |   |
|-----------------|-------------|----------------|---|-----|---|
| Project Cost    | \$2,141,682 | % Nature-Based | 0 | BCR | 1 |
| Recurring costs | 0           | Issues         | - |     |   |



FMP area



Regional view of FMP area

# Flood Mitigation Project (FMP)



REGIONAL FLOOD PLANNING GROUP

Title Sabine Flood Measurement Gages

ID# 043000035 Sponsor Sabine River Authority

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

## Project Description

Install flood measurement gages regionwide

Watershed HUC# (if known) 120100010301 Emergency Need? Yes

Drainage area (mi<sup>2</sup> est.) 4,760

Associated FMEs - County Smith, Gregg, Kaufman, Harrison, Van

Associated FMSs 042000052 Associated FMPs -

## Existing 100-Year Flood Risk

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

Population at risk 43,502 # of structures 12,591 Critical facilities 88

Farm/Ranch land impacted (acres) 170,166 Roadway(s) impacted (length) 877

Number of low water crossings 67 Historical road closures 67

## 100-Year Flood Risk Reduction

Population removed from 100-yr 0 # of structures removed from 100-yr 0

Critical facilities removed from 100-yr 0 Farm/Ranch land removed from 100-yr (acres) 0

Road removed from 100-yr (miles) 0 Low water crossings removed from 100-yr 0

Other benefits - Reduction in # of road closures over 10 years 0

## Impacts

Negative impacts? No Negative impacts description None

Water supply contributions? No Water supply contribution description None

## Estimated Cost

Project Cost \$737,148 % Nature-Based - BCR 1

Recurring costs 0 Issues -



FMP area



Regional view of FMP area

# Flood Management Strategy (FMS)



Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Strategy Details

Strategy type

Strategy description

Associated FMEs  Associated FMPs

Associated FMSs

Watershed HUC# (if known)  Drainage area (mi<sup>2</sup>, est.)

County

Goal(s)

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

Farm/Ranch land impacted (acres)  Roadway(s) impacted (miles)

Number of low water crossings  Historical road closures

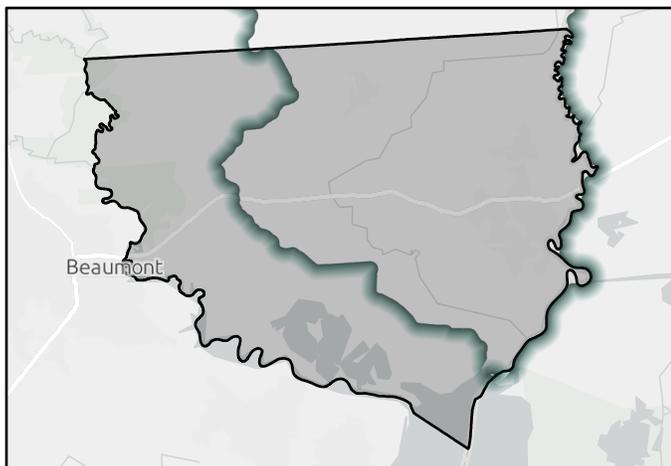
## Impacts

Negative impacts?  Negative impacts description

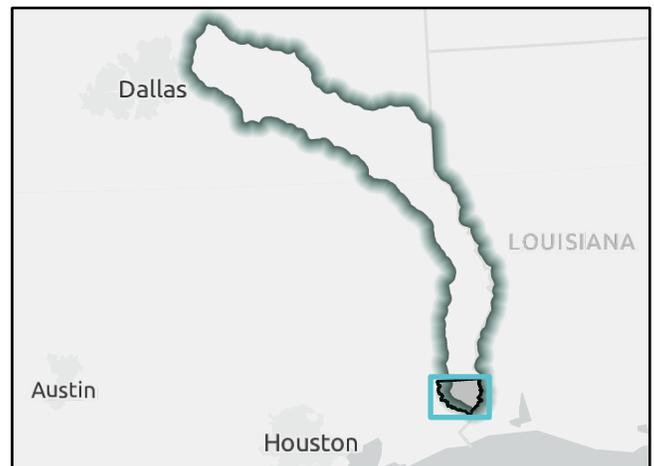
Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Strategy Details

Strategy type

Strategy description

Associated FMEs  Associated FMPs

Associated FMSs

Watershed HUC# (if known)  Drainage area (mi<sup>2</sup>, est.)

County

Goal(s)

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

Farm/Ranch land impacted (acres)  Roadway(s) impacted (miles)

Number of low water crossings  Historical road closures

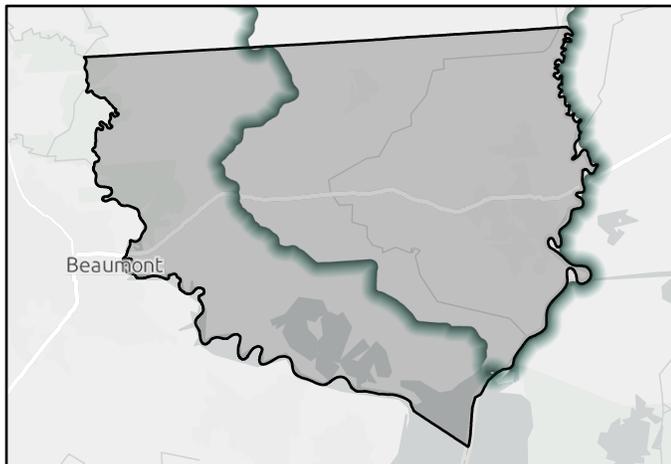
## Impacts

Negative impacts?  Negative impacts description

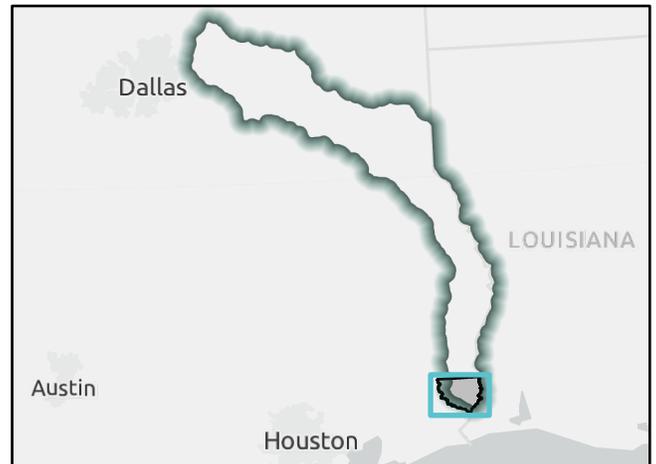
Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Strategy Details

Strategy type

Strategy description

Associated FMEs  Associated FMPs

Associated FMSs

Watershed HUC# (if known)  Drainage area (mi<sup>2</sup>, est.)

County

Goal(s)

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

Farm/Ranch land impacted (acres)  Roadway(s) impacted (miles)

Number of low water crossings  Historical road closures

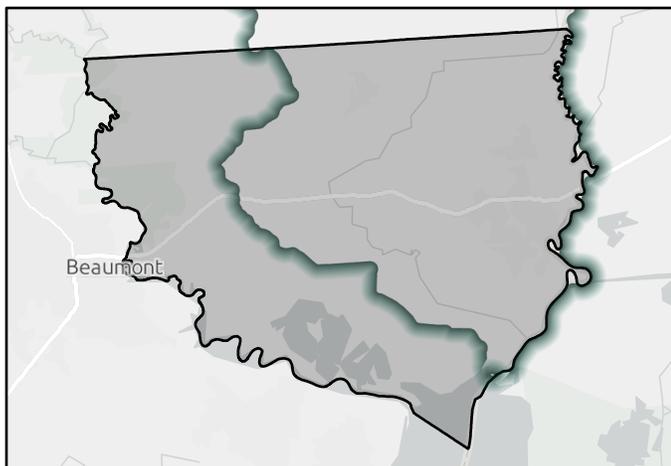
## Impacts

Negative impacts?  Negative impacts description

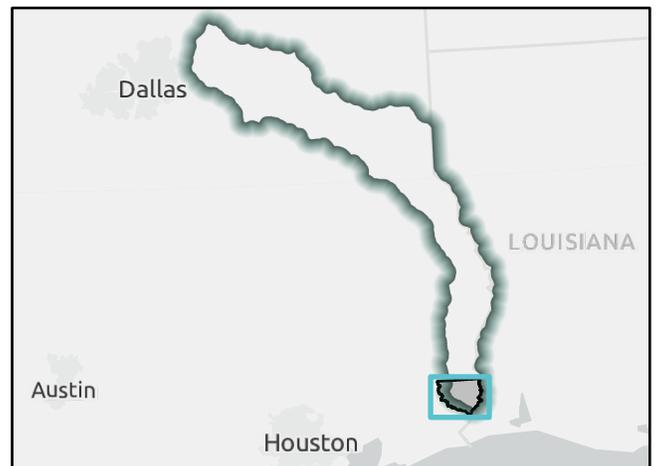
Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Strategy Details

Strategy type

Strategy description

Associated FMEs  Associated FMPs

Associated FMSs  Drainage area (mi<sup>2</sup>, est.)

Watershed HUC# (if known)  County

Goal(s)

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

Farm/Ranch land impacted (acres)  Roadway(s) impacted (miles)

Number of low water crossings  Historical road closures

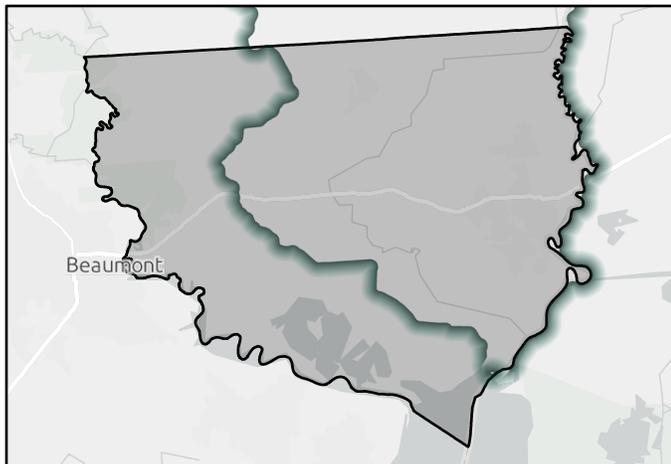
## Impacts

Negative impacts?  Negative impacts description

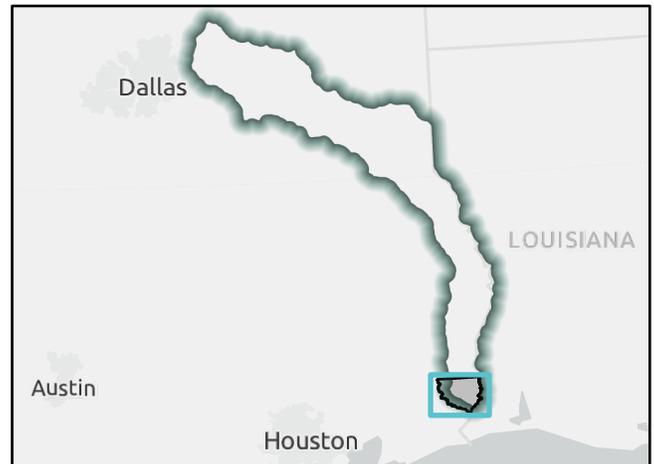
Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area



# Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Strategy Details

Strategy type

Strategy description

Associated FMEs  Associated FMPs

Associated FMSs

Watershed HUC# (if known)

Drainage area (mi<sup>2</sup>, est.)

County

Goal(s)

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

Farm/Ranch land impacted (acres)  Roadway(s) impacted (miles)

Number of low water crossings  Historical road closures

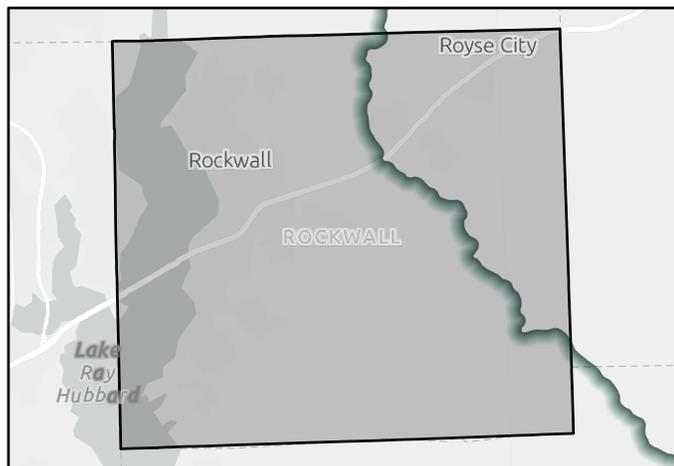
## Impacts

Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)

REGION 4



Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Strategy Details

Strategy type

Strategy description

Associated FMEs  Associated FMPs

Associated FMSs

Watershed HUC# (if known)  Drainage area (mi<sup>2</sup>, est.)

County

Goal(s)

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

Farm/Ranch land impacted (acres)  Roadway(s) impacted (miles)

Number of low water crossings  Historical road closures

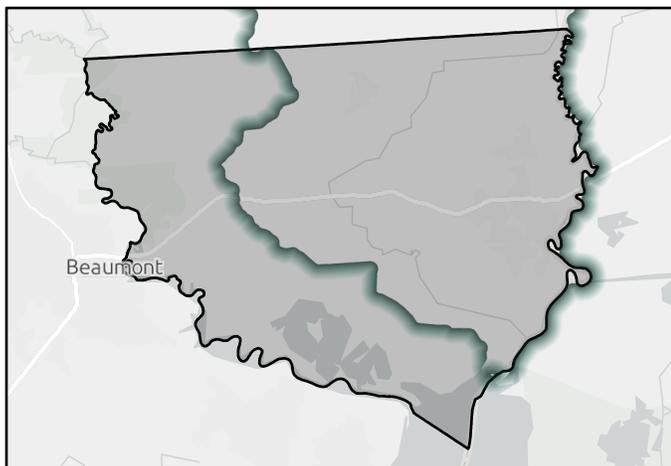
## Impacts

Negative impacts?  Negative impacts description

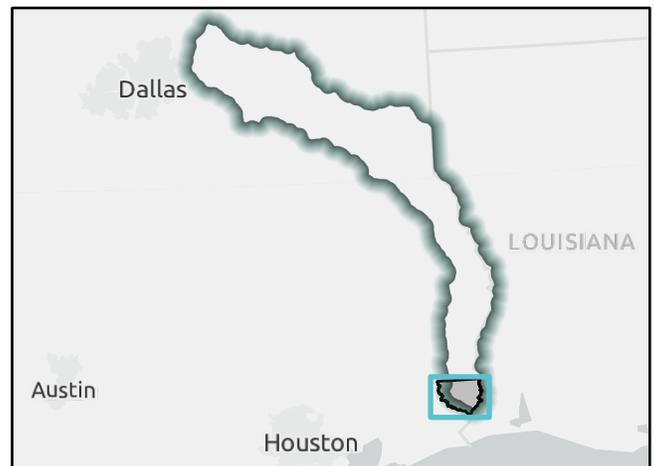
Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Strategy Details

Strategy type

Strategy description

Associated FMEs  Associated FMPs

Associated FMSs

Watershed HUC# (if known)

Drainage area (mi<sup>2</sup>, est.)

County

Goal(s)

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

Farm/Ranch land impacted (acres)  Roadway(s) impacted (miles)

Number of low water crossings  Historical road closures

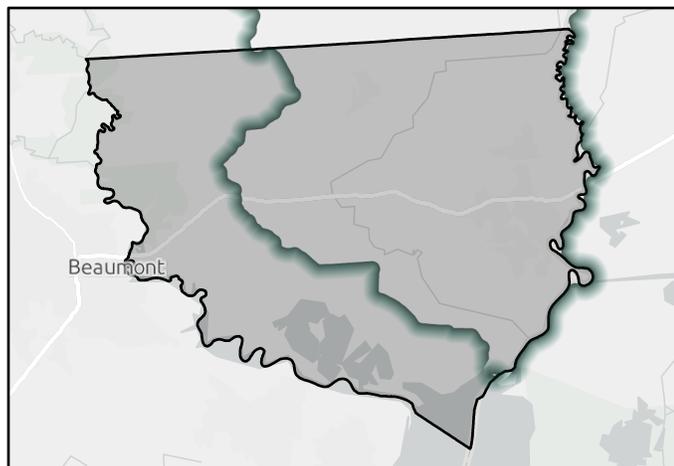
## Impacts

Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

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Goal(s)

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

Farm/Ranch land impacted (acres)  Roadway(s) impacted (miles)

Number of low water crossings  Historical road closures

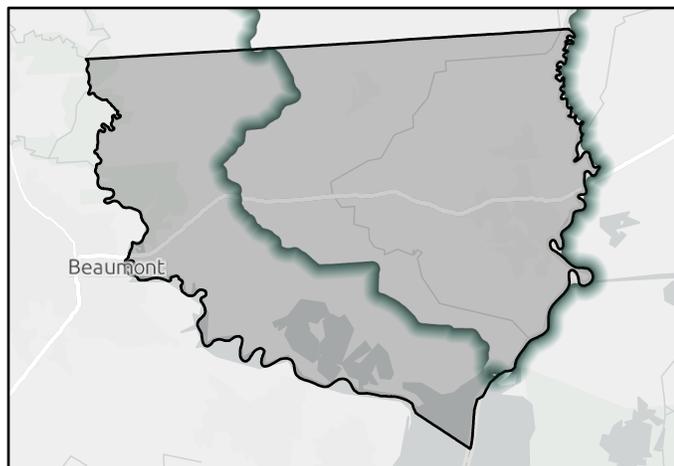
## Impacts

Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



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ID#  Sponsor

RFPG recommend?  Reason for Recommendation

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Strategy type

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County

Goal(s)

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

Farm/Ranch land impacted (acres)  Roadway(s) impacted (miles)

Number of low water crossings  Historical road closures

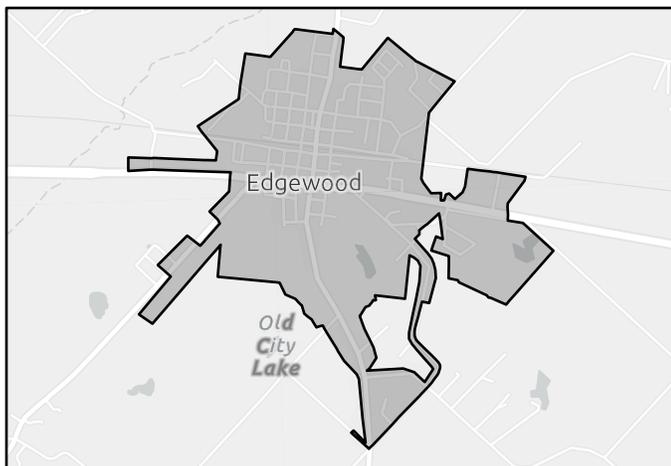
## Impacts

Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

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County

Goal(s)

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

Farm/Ranch land impacted (acres)  Roadway(s) impacted (miles)

Number of low water crossings  Historical road closures

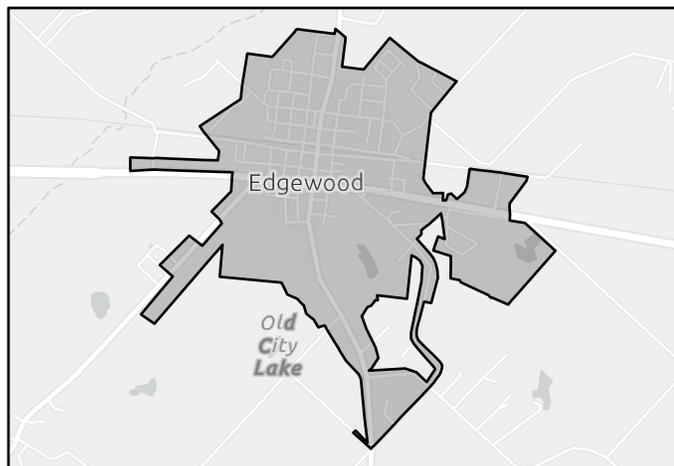
## Impacts

Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Strategy Details

|                           |   |  |                                     |
|---------------------------|---|--|-------------------------------------|
| Strategy type             | <input type="text" value="Regulatory and Guidance"/>  |  |                                     |
| Strategy description      | <input type="text" value="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           | <input type="text" value="999999"/>   | Associated FMPs                        | <input type="text" value="999999"/> |
| Associated FMSs           | <input type="text" value="999999"/>   | Drainage area (mi <sup>2</sup> , est.) | <input type="text" value="33"/>     |
| Watershed HUC# (if known) | <input type="text" value="120100010103, 120100010102, 120100010204, 120100010401"/>   |  | County                              |
|                           |   |  | <input type="text" value="Hunt"/>   |
| Goal(s)                   | <input type="text" value="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

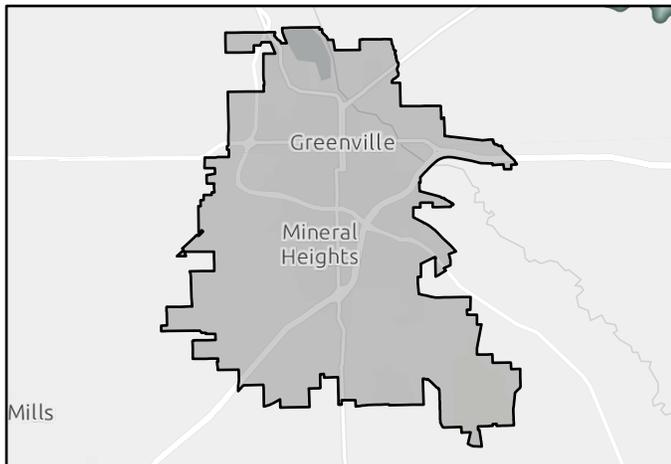
|                                  |  |  |  |  |  |
|----------------------------------|--|--|--|--|--|
| Population at risk               | <input type="text" value="5,509"/>         | # of structures                          | <input type="text" value="429"/>       | Critical facilities                    | <input type="text" value="28"/>        |
| Flood risk type:                 | Riverine? <input type="text" value="Yes"/> | Coastal? <input type="text" value="No"/> | Local? <input type="text" value="No"/> | Playa? <input type="text" value="No"/> | Other? <input type="text" value="No"/> |
| Farm/Ranch land impacted (acres) | <input type="text" value="1,339"/>         | Roadway(s) impacted (miles)              | <input type="text" value="26"/>        |  |  |
| Number of low water crossings    | <input type="text" value="0"/>             | Historical road closures                 | <input type="text" value="0"/>         |  |  |

## Impacts

|                             |                                 |                                       |                                   |
|-----------------------------|---------------------------------|---------------------------------------|-----------------------------------|
| Negative impacts?           | <input type="text" value="No"/> | Negative impacts description          | <input type="text" value="N/A"/>  |
| Water supply contributions? | <input type="text" value="No"/> | Water supply contribution description | <input type="text" value="None"/> |

## Estimated Cost

|               |                                       |                             |                                  |                |                                |
|---------------|---------------------------------------|-----------------------------|----------------------------------|----------------|--------------------------------|
| Strategy Cost | <input type="text" value="\$10,000"/> | Amount of available funding | <input type="text" value="\$0"/> | % Nature-Based | <input type="text" value="0"/> |
|---------------|---------------------------------------|-----------------------------|----------------------------------|----------------|--------------------------------|



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Strategy Details

Strategy type

Strategy description

Associated FMEs  Associated FMPs

Associated FMSs

Watershed HUC# (if known)

Drainage area (mi<sup>2</sup>, est.)

County

Goal(s)

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

Farm/Ranch land impacted (acres)  Roadway(s) impacted (miles)

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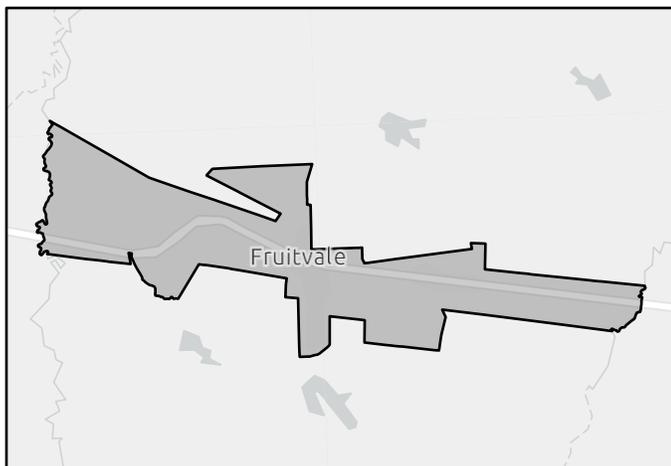
## Impacts

Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



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Strategy description

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Watershed HUC# (if known)  Drainage area (mi<sup>2</sup>, est.)

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Goal(s)

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Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

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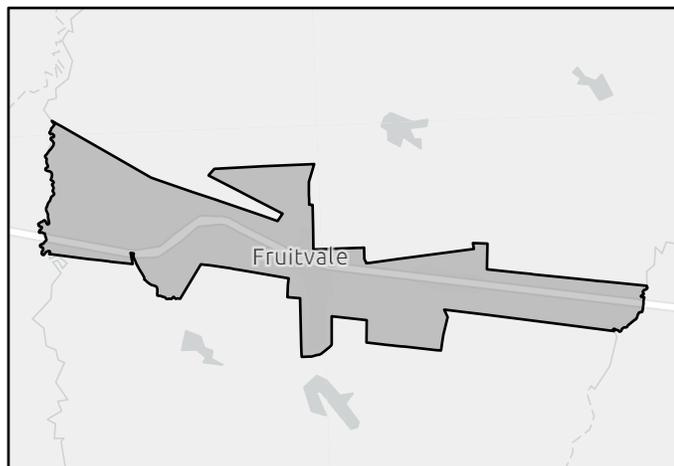
## Impacts

Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



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Title

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Strategy description

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Associated FMSs

Watershed HUC# (if known)

Drainage area (mi<sup>2</sup>, est.)

County

Goal(s)

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Population at risk  # of structures  Critical facilities

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

Farm/Ranch land impacted (acres)  Roadway(s) impacted (miles)

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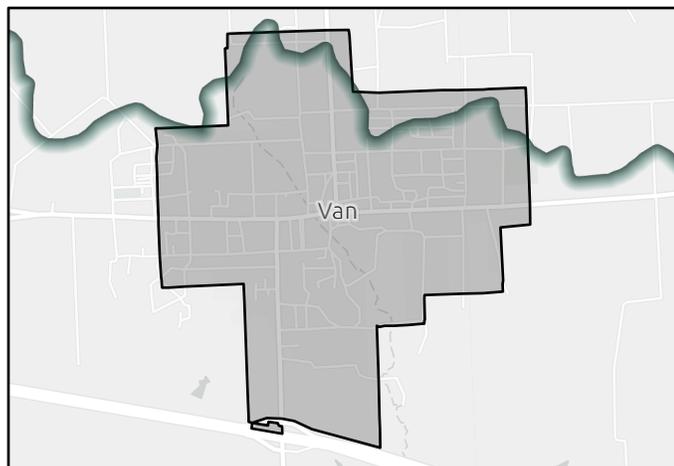
## Impacts

Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

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Watershed HUC# (if known)  Drainage area (mi<sup>2</sup>, est.)

County

Goal(s)

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Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

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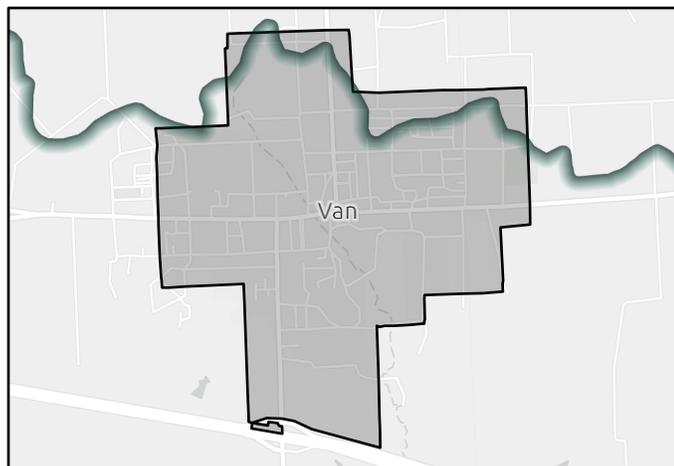
## Impacts

Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



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Goal(s)

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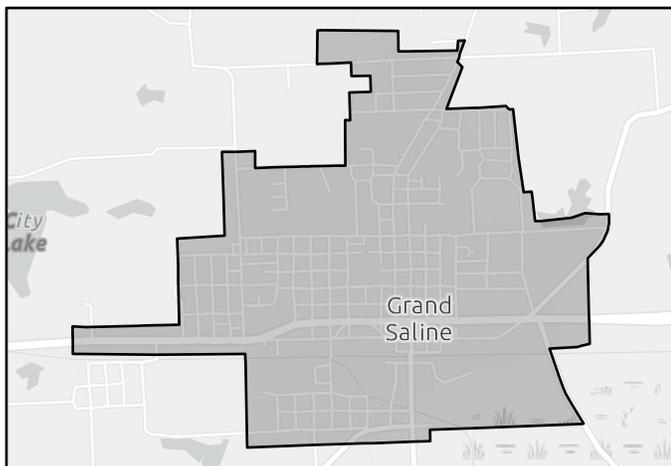
## Impacts

Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

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RFPG recommend?  Reason for Recommendation

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Strategy description

Associated FMEs  Associated FMPs

Associated FMSs

Watershed HUC# (if known)  Drainage area (mi<sup>2</sup>, est.)

County

Goal(s)

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Population at risk  # of structures  Critical facilities

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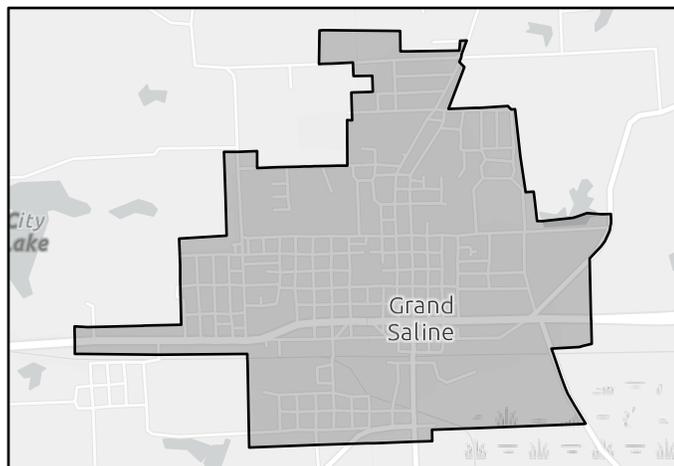
## Impacts

Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

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Associated FMEs  Associated FMPs

Associated FMSs

Watershed HUC# (if known)

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County

Goal(s)

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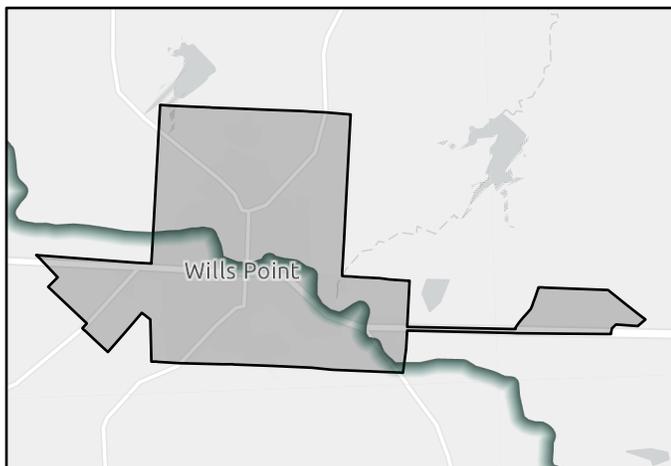
## Impacts

Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

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Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

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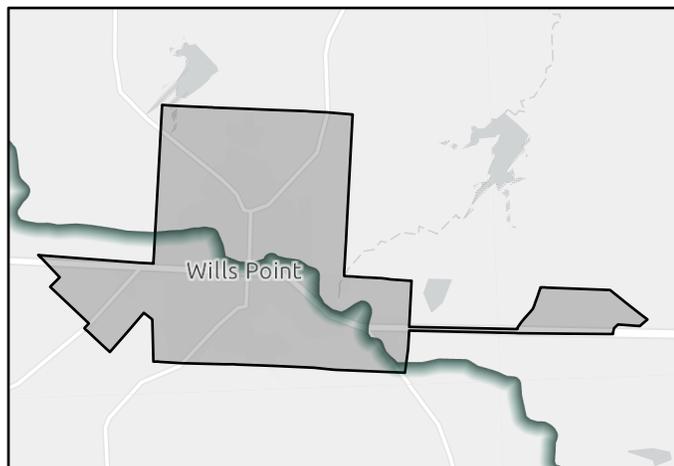
## Impacts

Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



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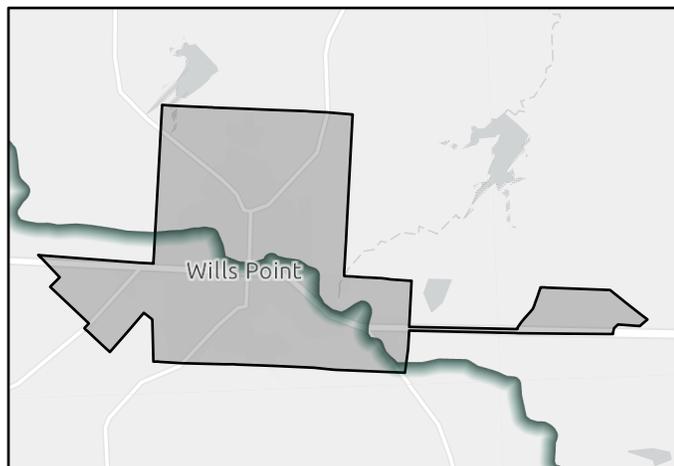
## Impacts

Negative impacts?  Negative impacts description

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FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



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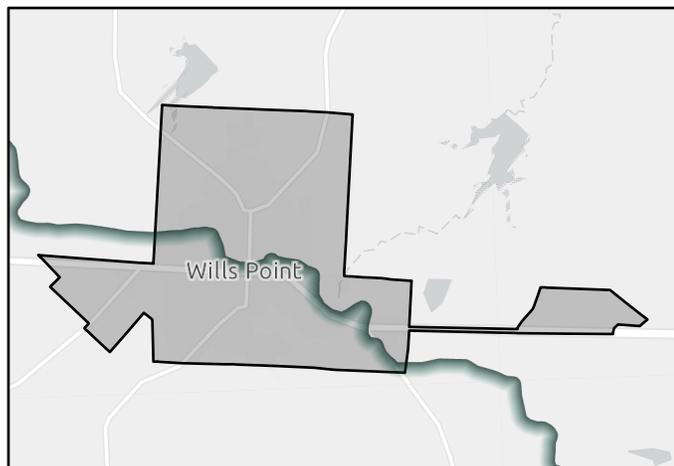
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Water supply contributions?  Water supply contribution description

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FMS area



Regional view of FMS area

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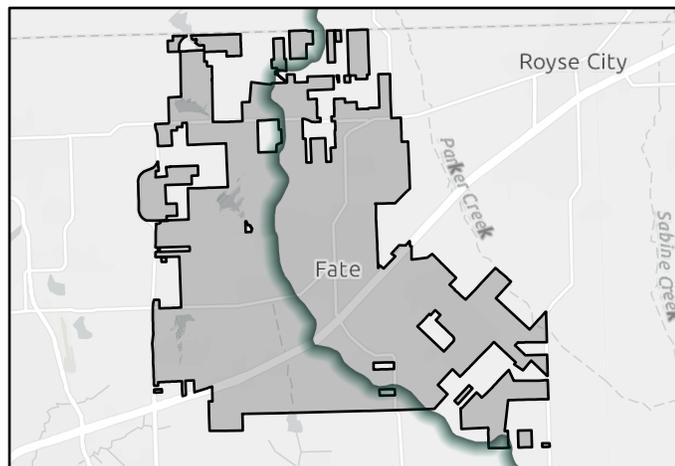
## Impacts

Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

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Goal(s)

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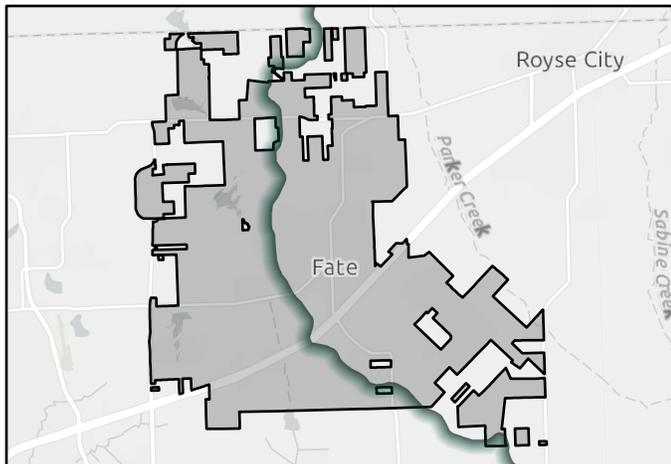
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Negative impacts?  Negative impacts description

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FMS area



Regional view of FMS area

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Population at risk  # of structures  Critical facilities

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

Farm/Ranch land impacted (acres)  Roadway(s) impacted (miles)

Number of low water crossings  Historical road closures

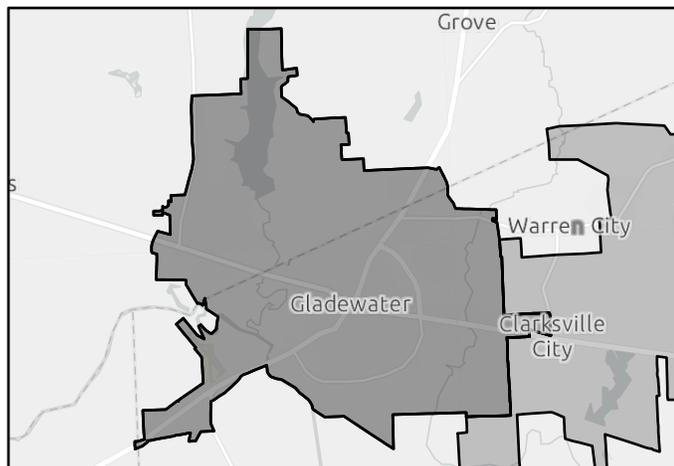
## Impacts

Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Strategy Details

Strategy type

Strategy description

Associated FMEs  Associated FMPs

Associated FMSs  Drainage area (mi<sup>2</sup>, est.)

Watershed HUC# (if known)  County

Goal(s)

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

Farm/Ranch land impacted (acres)  Roadway(s) impacted (miles)

Number of low water crossings  Historical road closures

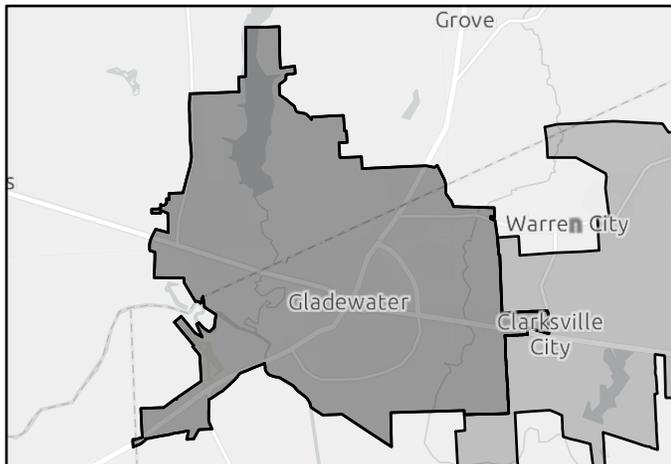
## Impacts

Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

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Strategy type

Strategy description

Associated FMEs  Associated FMPs

Associated FMSs  Drainage area (mi<sup>2</sup>, est.)

Watershed HUC# (if known)  County

Goal(s)

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

Farm/Ranch land impacted (acres)  Roadway(s) impacted (miles)

Number of low water crossings  Historical road closures

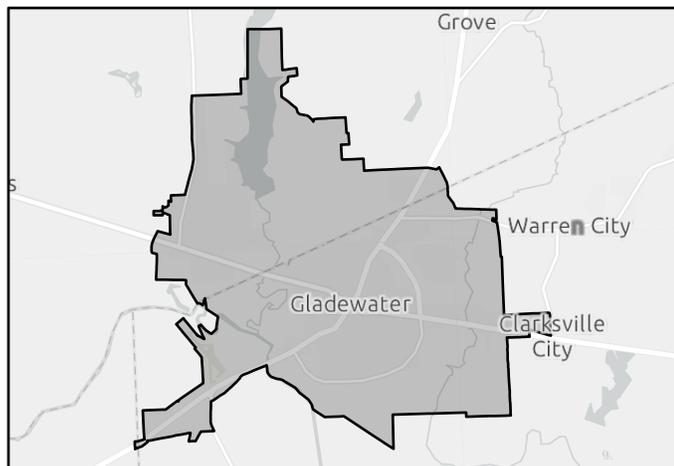
## Impacts

Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Strategy Details

Strategy type

Strategy description

Associated FMEs  Associated FMPs

Associated FMSs

Watershed HUC# (if known)

Drainage area (mi<sup>2</sup>, est.)

County

Goal(s)

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

Farm/Ranch land impacted (acres)  Roadway(s) impacted (miles)

Number of low water crossings  Historical road closures

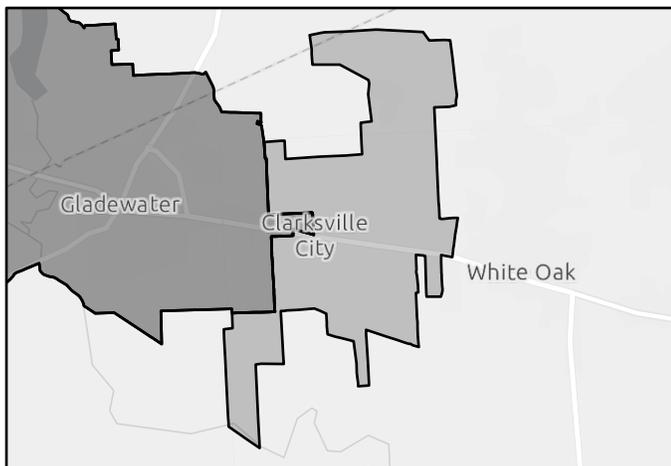
## Impacts

Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)

REGION 4



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Strategy Details

Strategy type

Strategy description

Associated FMEs  Associated FMPs

Associated FMSs

Watershed HUC# (if known)

Drainage area (mi<sup>2</sup>, est.)

County

Goal(s)

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

Farm/Ranch land impacted (acres)  Roadway(s) impacted (miles)

Number of low water crossings  Historical road closures

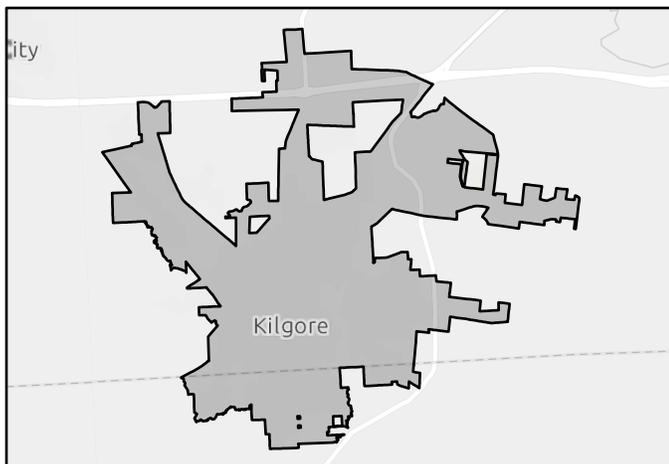
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Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

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ID#  Sponsor

RFPG recommend?  Reason for Recommendation

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Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

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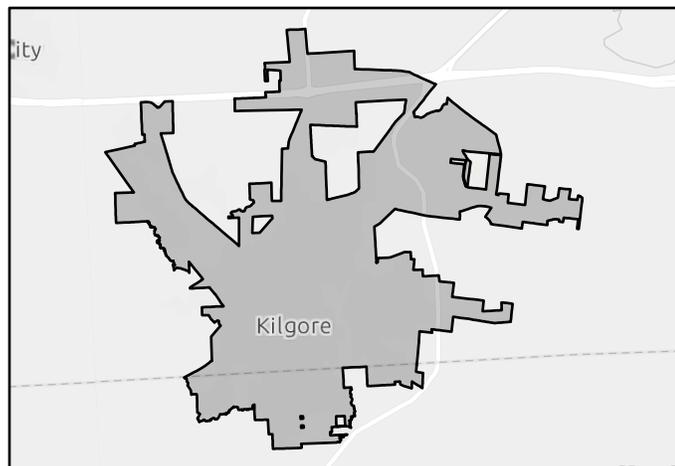
## Impacts

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Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

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Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

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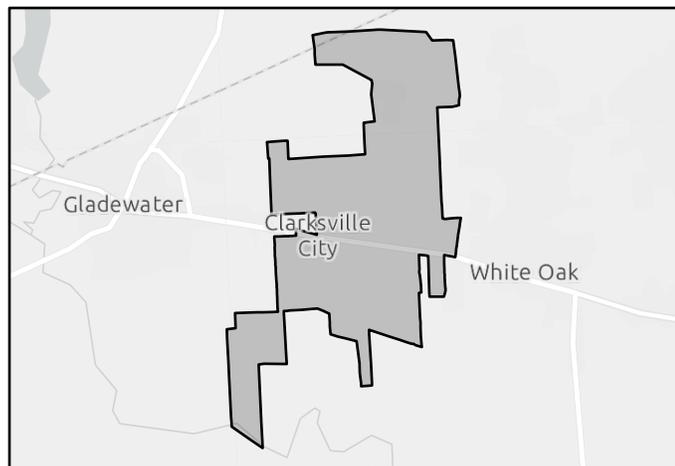
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Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



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RFPG recommend?  Reason for Recommendation

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County

Goal(s)

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Number of low water crossings  Historical road closures

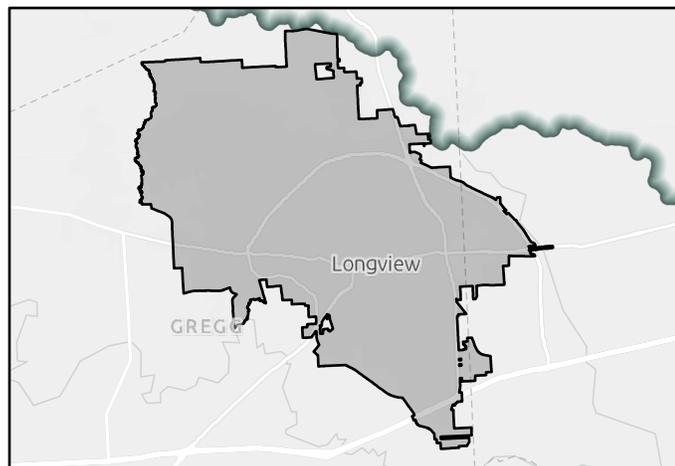
## Impacts

Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

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RFPG recommend?  Reason for Recommendation

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Goal(s)

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Number of low water crossings  Historical road closures

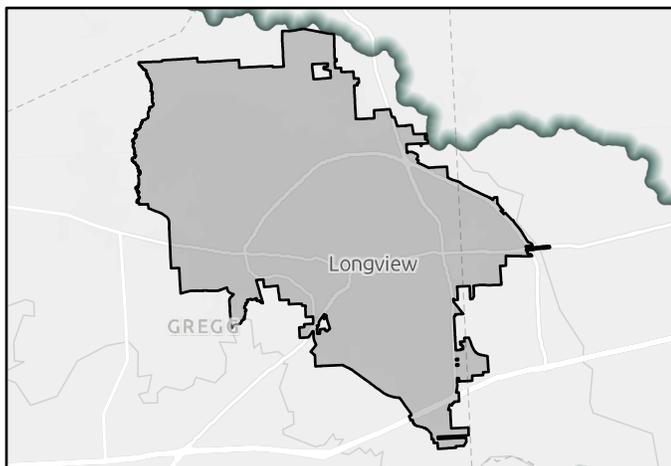
## Impacts

Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Strategy Details

Strategy type

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County

Goal(s)

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

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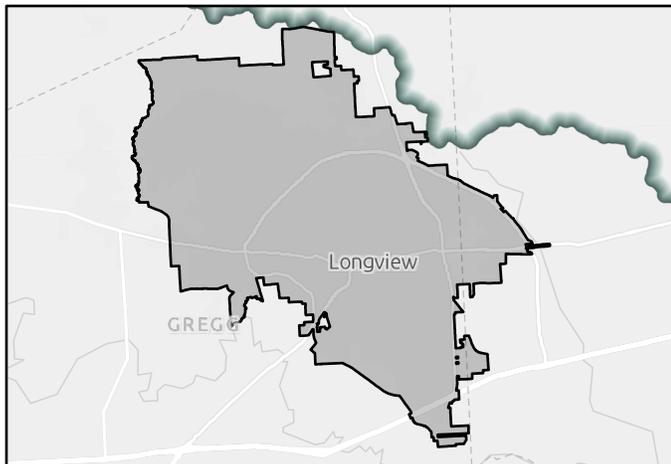
## Impacts

Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## 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           | <input type="text" value="999999"/>   | Associated FMPs                        | <input type="text" value="999999"/> |
| Associated FMSs           | <input type="text" value="999999"/>   | Drainage area (mi <sup>2</sup> , est.) | <input type="text" value="56"/>     |
| Watershed HUC# (if known) | <input type="text" value="120100020506, 120100020601, 120100020504, 120100020505, 120100020602"/>   | County                                 | <input type="text" value="Gregg"/>  |

Goal(s)

## Existing 100-Year Flood Risk

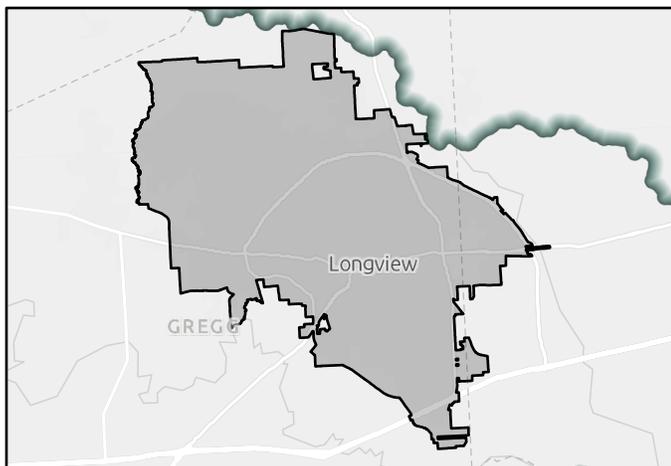
|                                  |  |  |  |  |  |
|----------------------------------|--|--|--|--|--|
| Population at risk               | <input type="text" value="10,126"/>        | # of structures                          | <input type="text" value="1,379"/>     | Critical facilities                    | <input type="text" value="9"/>         |
| Flood risk type:                 | Riverine? <input type="text" value="Yes"/> | Coastal? <input type="text" value="No"/> | Local? <input type="text" value="No"/> | Playa? <input type="text" value="No"/> | Other? <input type="text" value="No"/> |
| Farm/Ranch land impacted (acres) | <input type="text" value="295"/>           | Roadway(s) impacted (miles)              | <input type="text" value="41"/>        |  |  |
| Number of low water crossings    | <input type="text" value="0"/>             | Historical road closures                 | <input type="text" value="0"/>         |  |  |

## Impacts

|                             |                                 |                                       |                                   |
|-----------------------------|---------------------------------|---------------------------------------|-----------------------------------|
| Negative impacts?           | <input type="text" value="No"/> | Negative impacts description          | <input type="text" value="N/A"/>  |
| Water supply contributions? | <input type="text" value="No"/> | Water supply contribution description | <input type="text" value="None"/> |

## Estimated Cost

|               |                                  |                             |                                  |                |                                |
|---------------|----------------------------------|-----------------------------|----------------------------------|----------------|--------------------------------|
| Strategy Cost | <input type="text" value="\$0"/> | Amount of available funding | <input type="text" value="\$0"/> | % Nature-Based | <input type="text" value="0"/> |
|---------------|----------------------------------|-----------------------------|----------------------------------|----------------|--------------------------------|



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Strategy Details

Strategy type

Strategy description

Associated FMEs  Associated FMPs

Associated FMSs

Watershed HUC# (if known)  Drainage area (mi<sup>2</sup>, est.)

County

Goal(s)

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

Farm/Ranch land impacted (acres)  Roadway(s) impacted (miles)

Number of low water crossings  Historical road closures

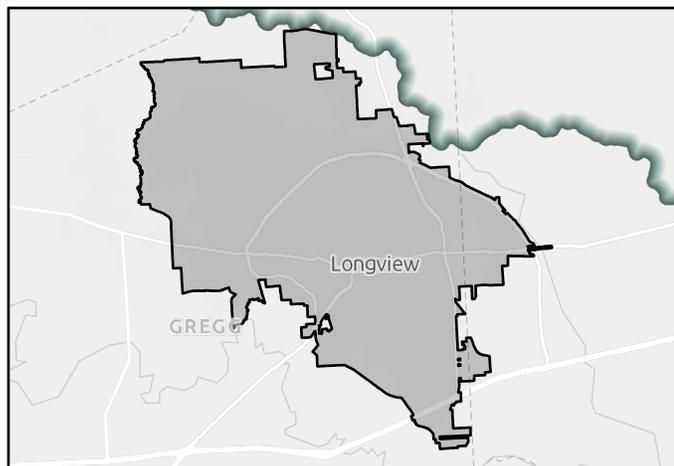
## Impacts

Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Strategy Details

Strategy type

Strategy description

Associated FMEs  Associated FMPs

Associated FMSs

Watershed HUC# (if known)  Drainage area (mi<sup>2</sup>, est.)

County

Goal(s)

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

Farm/Ranch land impacted (acres)  Roadway(s) impacted (miles)

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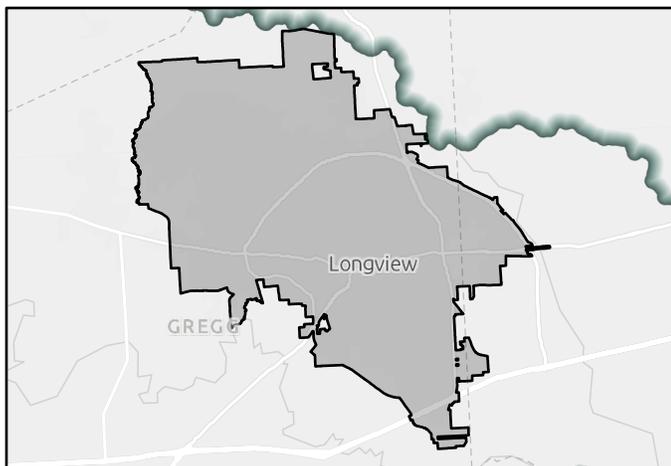
## Impacts

Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Strategy Details

Strategy type

Strategy description

Associated FMEs  Associated FMPs

Associated FMSs

Watershed HUC# (if known)  Drainage area (mi<sup>2</sup>, est.)

County

Goal(s)

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

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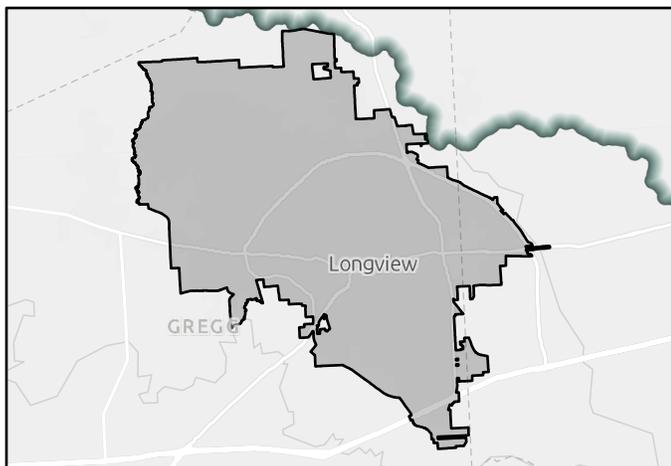
## Impacts

Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Strategy Details

Strategy type

Strategy description

Associated FMEs  Associated FMPs

Associated FMSs

Watershed HUC# (if known)

Drainage area (mi<sup>2</sup>, est.)

County

Goal(s)

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

Farm/Ranch land impacted (acres)  Roadway(s) impacted (miles)

Number of low water crossings  Historical road closures

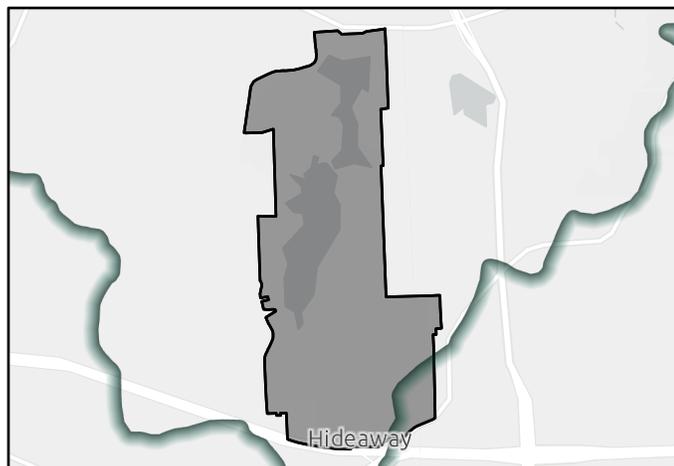
## Impacts

Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Strategy Details

Strategy type

Strategy description

Associated FMEs  Associated FMPs

Associated FMSs

Watershed HUC# (if known)

Drainage area (mi<sup>2</sup>, est.)

County

Goal(s)

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

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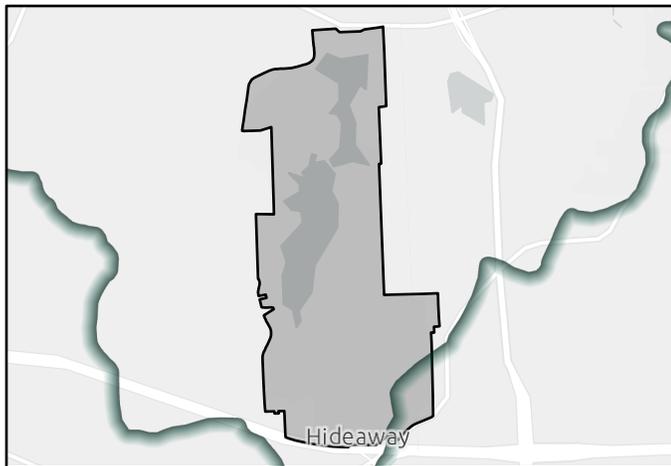
## Impacts

Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

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Strategy description

Associated FMEs  Associated FMPs

Associated FMSs  Drainage area (mi<sup>2</sup>, est.)

Watershed HUC# (if known)  County

Goal(s)

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

Farm/Ranch land impacted (acres)  Roadway(s) impacted (miles)

Number of low water crossings  Historical road closures

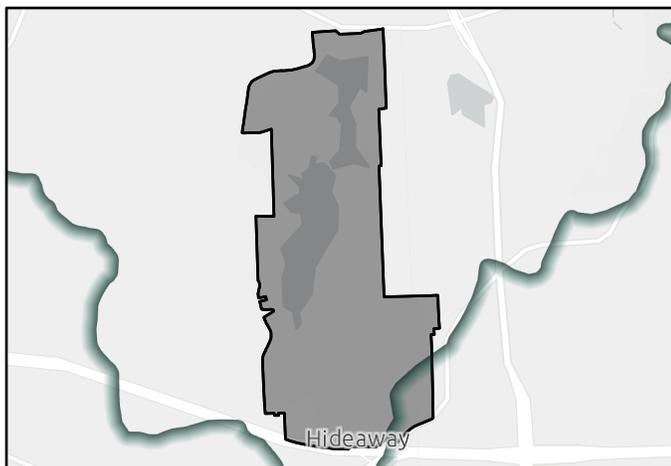
## Impacts

Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

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Strategy type

Strategy description

Associated FMEs  Associated FMPs

Associated FMSs

Watershed HUC# (if known)  Drainage area (mi<sup>2</sup>, est.)

County

Goal(s)

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

Farm/Ranch land impacted (acres)  Roadway(s) impacted (miles)

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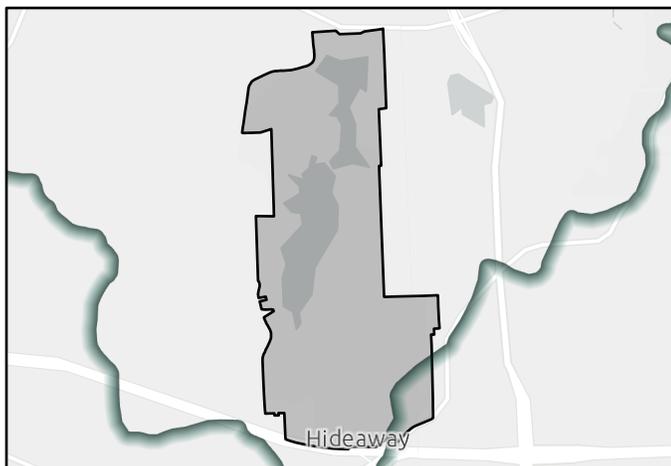
## Impacts

Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)

REGION 4



Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Strategy Details

Strategy type

Strategy description

Associated FMEs  Associated FMPs

Associated FMSs

Watershed HUC# (if known)

Drainage area (mi<sup>2</sup>, est.)

County

Goal(s)

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

Farm/Ranch land impacted (acres)  Roadway(s) impacted (miles)

Number of low water crossings  Historical road closures

## Impacts

Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

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Strategy type

Strategy description

Associated FMEs  Associated FMPs

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Watershed HUC# (if known)

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## Existing 100-Year Flood Risk

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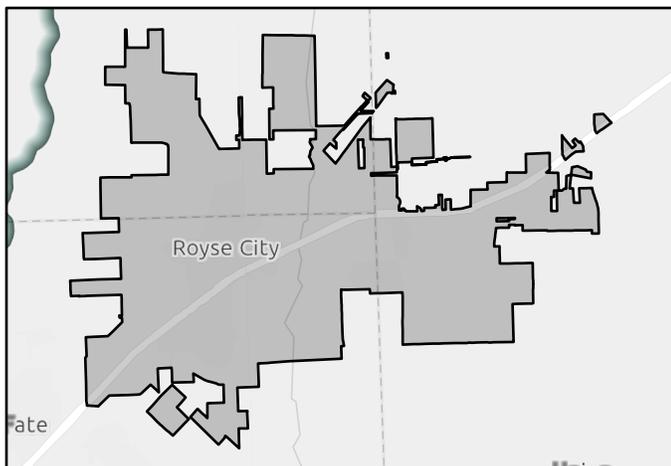
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FMS area



Regional view of FMS area

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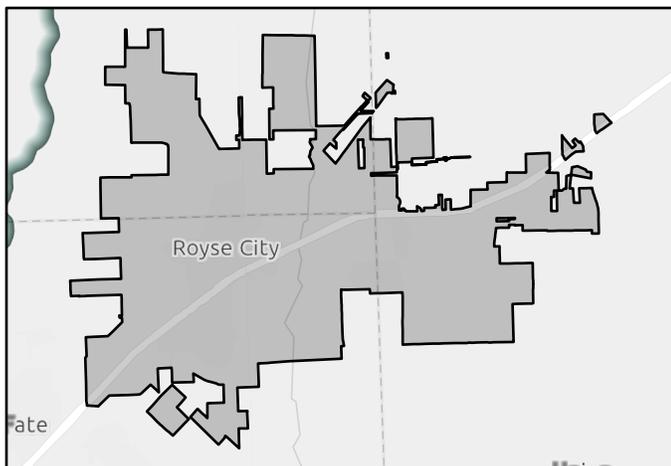
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FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

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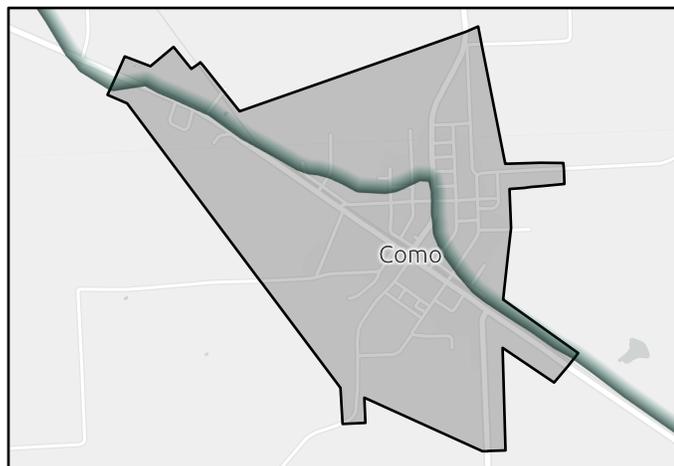
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Water supply contributions?  Water supply contribution description

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Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

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REGIONAL FLOOD PLANNING GROUP

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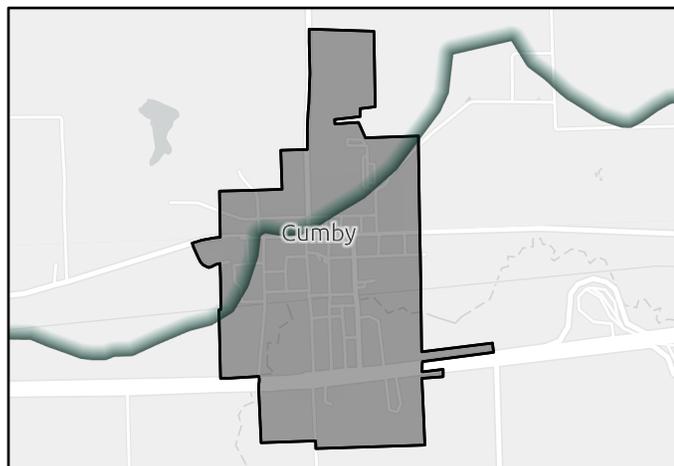
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Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

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Title

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RFPG recommend?  Reason for Recommendation

## Strategy Details

Strategy type

Strategy description

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Associated FMSs

Watershed HUC# (if known)  Drainage area (mi<sup>2</sup>, est.)

County

Goal(s)

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

Farm/Ranch land impacted (acres)  Roadway(s) impacted (miles)

Number of low water crossings  Historical road closures

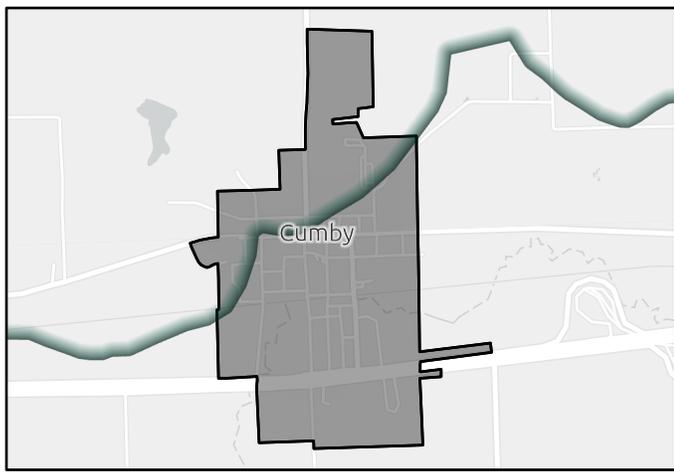
## Impacts

Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title Sabine Flood Measurement Gages

ID# 042000052 Sponsor Sabine River Authority

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

## Strategy Details

Strategy type Flood Measurement and Warning

Strategy description Install flood measurement gages in Upper Sabine Basin

Associated FMEs - Associated FMPs -

Associated FMSs - Drainage area (mi<sup>2</sup>, est.) 4,760

Watershed HUC# (if known) 120100010301 County Smith, Gregg, Kaufma

Goal(s) Goal 1: Increase number of monitoring gages and associated real time reporting technology installed and maintained in the region to 1 in 50% of HUC10s.

## Existing 100-Year Flood Risk

Population at risk 43,502 # of structures 12,591 Critical facilities 88

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

Farm/Ranch land impacted (acres) 170,166 Roadway(s) impacted (miles) 877

Number of low water crossings 67 Historical road closures 67

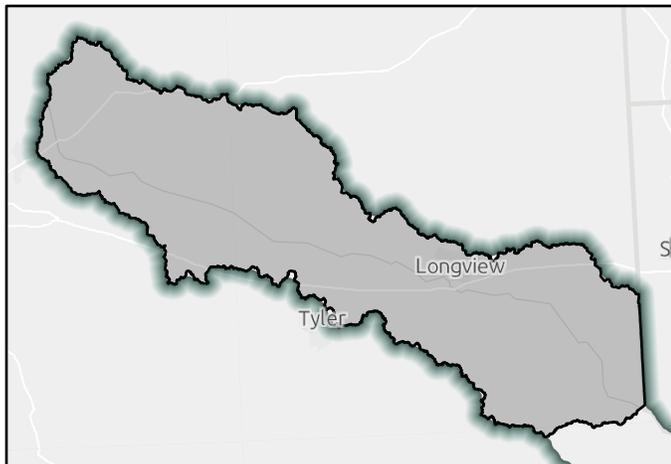
## Impacts

Negative impacts? No Negative impacts description None

Water supply contributions? No Water supply contribution description -

## Estimated Cost

Strategy Cost \$800,100 Amount of available funding \$0 % Nature-Based -



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Strategy Details

Strategy type

Strategy description

Associated FMEs  Associated FMPs

Associated FMSs

Watershed HUC# (if known)  Drainage area (mi<sup>2</sup>, est.)

County

Goal(s)

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

Farm/Ranch land impacted (acres)  Roadway(s) impacted (miles)

Number of low water crossings  Historical road closures

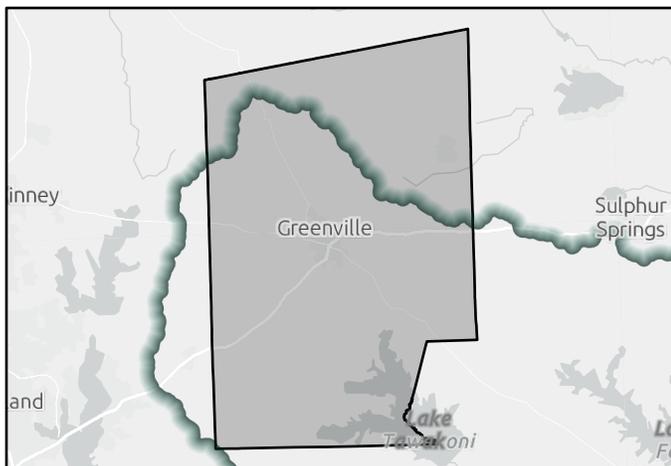
## Impacts

Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Strategy Details

Strategy type

Strategy description

Associated FMEs  Associated FMPs

Associated FMSs

Watershed HUC# (if known)  Drainage area (mi<sup>2</sup>, est.)

County

Goal(s)

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

Farm/Ranch land impacted (acres)  Roadway(s) impacted (miles)

Number of low water crossings  Historical road closures

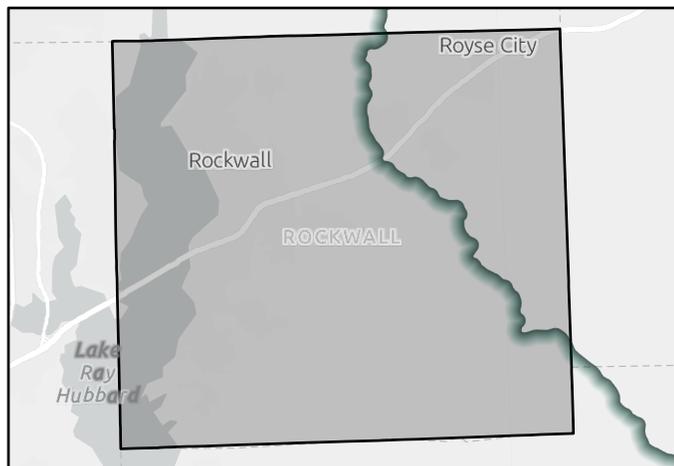
## Impacts

Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Strategy Details

Strategy type

Strategy description

Associated FMEs  Associated FMPs

Associated FMSs

Watershed HUC# (if known)  Drainage area (mi<sup>2</sup>, est.)

County

Goal(s)

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

Farm/Ranch land impacted (acres)  Roadway(s) impacted (miles)

Number of low water crossings  Historical road closures

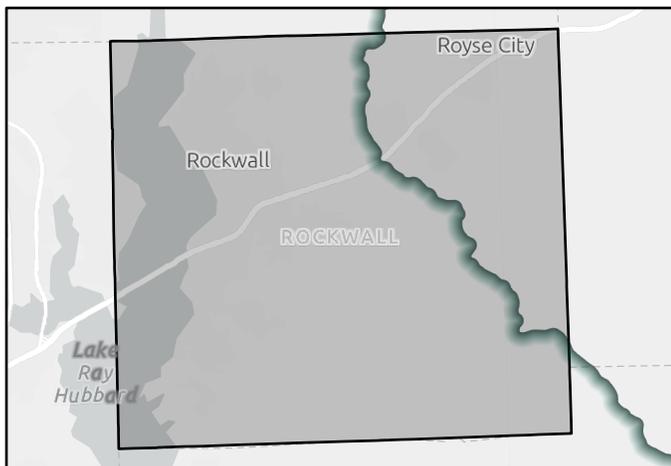
## Impacts

Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Strategy Details

Strategy type

Strategy description

Associated FMEs  Associated FMPs

Associated FMSs

Watershed HUC# (if known)  Drainage area (mi<sup>2</sup>, est.)

County

Goal(s)

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

Farm/Ranch land impacted (acres)  Roadway(s) impacted (miles)

Number of low water crossings  Historical road closures

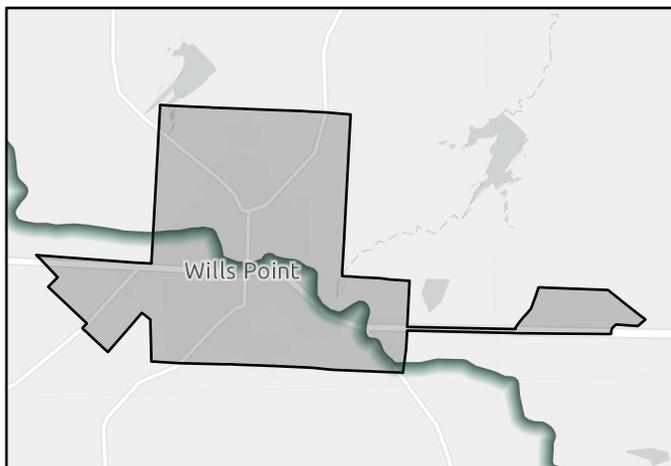
## Impacts

Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title Kaufman County Regulation Standards to Protect Open Space Flood-Prone Areas

ID# 042000057 Sponsor Kaufman (County)

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

## Strategy Details

Strategy type Regulatory and Guidance

Strategy description Conduct program in conjunction with local communities to incorporate regulatory standards to protect open space flood-prone areas

Associated FMEs - Associated FMPs -

Associated FMSs - Drainage area (mi<sup>2</sup>, est.) 805

Watershed HUC# (if known) 120100010501,120100010303,120100010404,120100010302,1201000104 County Kaufman, Van

Goal(s) Goal 1: Increase number of communities with a comprehensive drainage policy and criteria manuals to reduce flood hazard encouragement and education to include 75% of the region's population.

## Existing 100-Year Flood Risk

Population at risk 100 # of structures 79 Critical facilities 0

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

Farm/Ranch land impacted (acres) 2,567 Roadway(s) impacted (miles) 5

Number of low water crossings 3 Historical road closures 3

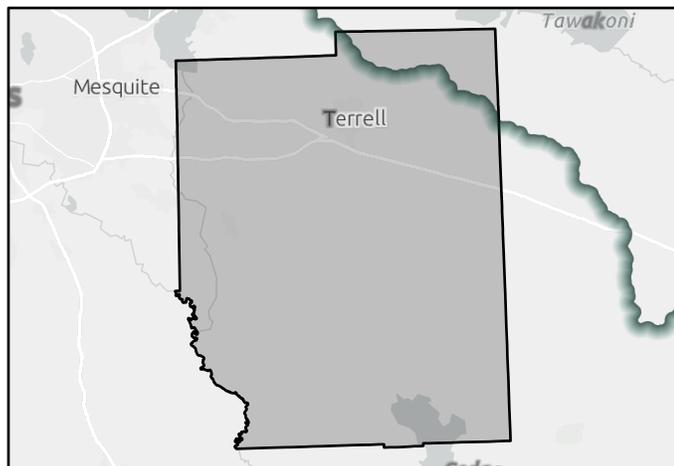
## Impacts

Negative impacts? No Negative impacts description None

Water supply contributions? No Water supply contribution description -

## Estimated Cost

Strategy Cost \$100,000 Amount of available funding \$0 % Nature-Based -



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title Kaufman County Agreement to Monitor High Hazard Dams

ID# 042000058 Sponsor Kaufman (County)

RFPG recommend? Yes Reason for Recommendation Aligns with RFPG Goals

## Strategy Details

Strategy type

Strategy description

Associated FMEs  Associated FMPs

Associated FMSs

Watershed HUC# (if known)  Drainage area (mi<sup>2</sup>, est.)

County

Goal(s)

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

Flood risk type: Riverine?  Yes Coastal?  No Local?  No Playa?  No Other?  No

Farm/Ranch land impacted (acres)  Roadway(s) impacted (miles)

Number of low water crossings  Historical road closures

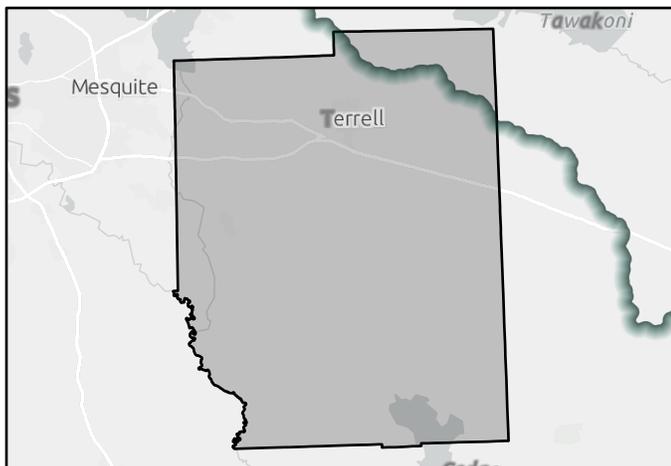
## Impacts

Negative impacts?  No Negative impacts description

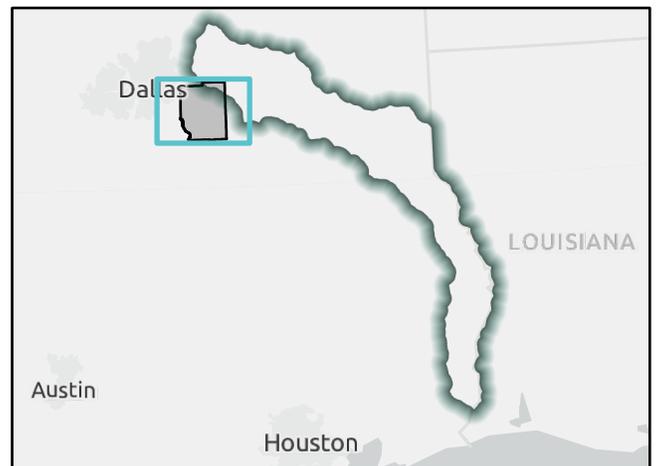
Water supply contributions?  No Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Strategy Details

Strategy type

Strategy description

Associated FMEs  Associated FMPs

Associated FMSs

Watershed HUC# (if known)  Drainage area (mi<sup>2</sup>, est.)

County

Goal(s)

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

Farm/Ranch land impacted (acres)  Roadway(s) impacted (miles)

Number of low water crossings  Historical road closures

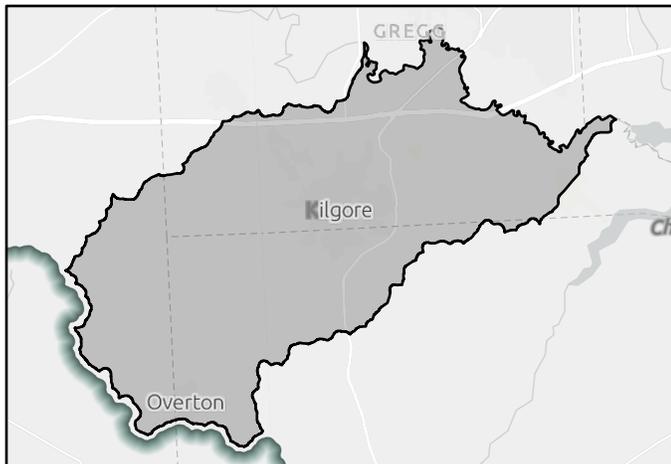
## Impacts

Negative impacts?  Negative impacts description

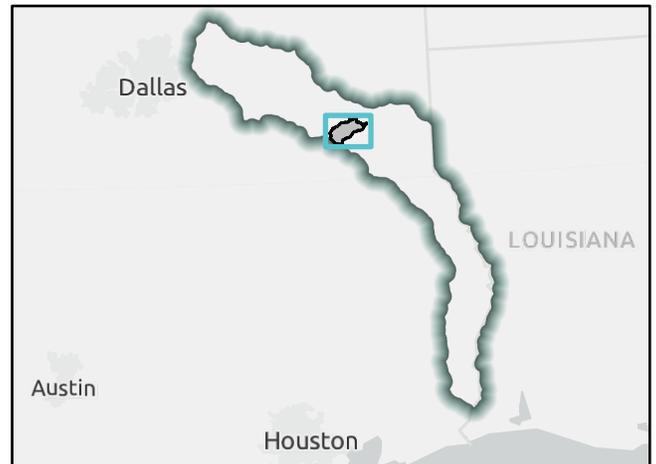
Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Strategy Details

Strategy type

Strategy description

Associated FMEs  Associated FMPs

Associated FMSs

Watershed HUC# (if known)  Drainage area (mi<sup>2</sup>, est.)

County

Goal(s)

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

Farm/Ranch land impacted (acres)  Roadway(s) impacted (miles)

Number of low water crossings  Historical road closures

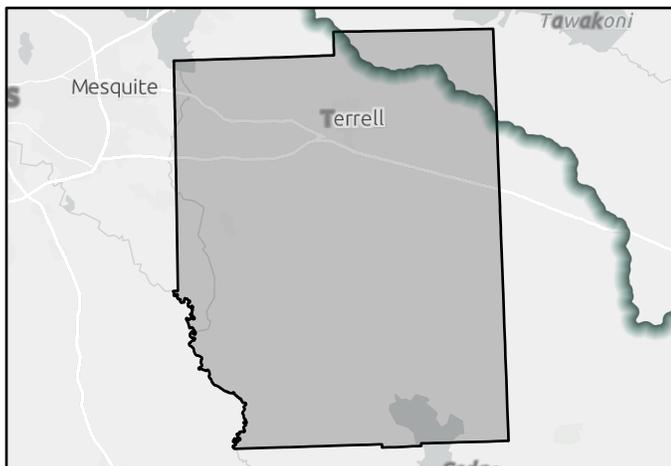
## Impacts

Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



REGIONAL FLOOD PLANNING GROUP

Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Strategy Details

Strategy type

Strategy description

Associated FMEs  Associated FMPs

Associated FMSs  Drainage area (mi<sup>2</sup>, est.)

Watershed HUC# (if known)  County

Goal(s)

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

Farm/Ranch land impacted (acres)  Roadway(s) impacted (miles)

Number of low water crossings  Historical road closures

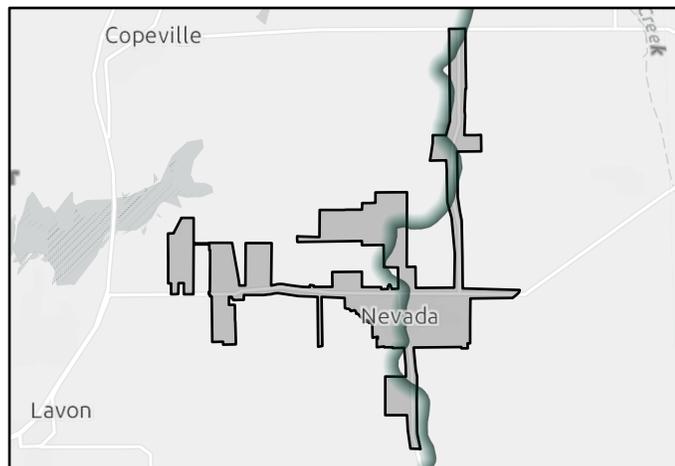
## Impacts

Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

## Strategy Details

Strategy type

Strategy description

Associated FMEs  Associated FMPs

Associated FMSs

Watershed HUC# (if known)  County

Goal(s)

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

Farm/Ranch land impacted (acres)  Roadway(s) impacted (miles)

Number of low water crossings  Historical road closures

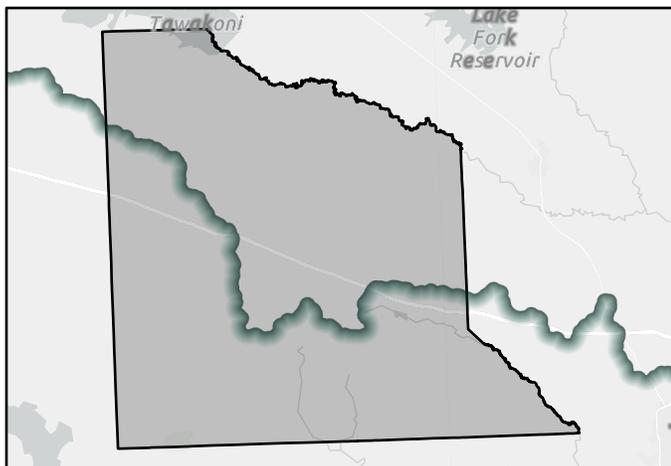
## Impacts

Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

**APPENDIX 5-D  
PROJECT DETAILS**

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| General Project Data   |           |  |              |                        |                       |                   |                 |                 |                    |                            |                              |                               |  | Score 1: Severity - Pre-Project Average Depth of Flooding (100-year) |                             |                                    |  |         |
|--|-----------|--|--------------|------------------------|-----------------------|-------------------|-----------------|-----------------|--------------------|----------------------------|------------------------------|-------------------------------|--|--|-----------------------------|------------------------------------|--|---------|
| Project Name   | FMP       | Project Description:   | Flood Region | Project Type           | FIUP Project Category | Project Watershed | Rural Applicant | Project Cost    | Benefit Cost Ratio | Cost per Structure Removed | Pre-Project Level-of-Service | Post-Project Level-of-Service | # of Structures in 1% Annual Chance FP (Pre-Project) | Project Status   | Average Flood Depth (100yr) | Notes                              | Severity Ranking: Pre-Project Average Depth of Flooding (100-year) | Score 1 |
| Terry Gully Regional Detention Pond 1                              | 043000001 | Proposed detention pond for flood mitigation   | Sabine       | Detention Pond         | 2                     | Lower Sabine      | Yes             | \$58,233,296    | 0.3                | \$125,774                  | 0                            | 0                             | 1,265  | Planning   |                             | Baseline average flood depth>3.5ft |  |         |
| Terry Gully Regional Detention Pond 2                              | 043000002 | Proposed detention pond for flood mitigation   | Sabine       | Detention Pond         | 2                     | Lower Sabine      | Yes             | \$17,395,035    | 0.2                | \$228,882                  | 0                            | 0                             | 1,265  | Planning   |                             | Baseline average flood depth>3.5ft |  |         |
| Terry Gully Regional Detention Pond 3                              | 043000003 | Proposed detention pond for flood mitigation   | Sabine       | Detention Pond         | 2                     | Lower Sabine      | Yes             | \$117,162,835   | 0.1                | \$1,084,841                | 0                            | 0                             | 1,265  | Planning   |                             | Baseline average flood depth>3.5ft |  |         |
| Terry Gully Regional Detention Pond 4                              | 043000004 | Proposed detention pond for flood mitigation   | Sabine       | Detention Pond         | 2                     | Lower Sabine      | Yes             | \$75,887,300    | 0.1                | \$1,244,054                | 0                            | 0                             | 1,265  | Planning   |                             | Baseline average flood depth>3.5ft |  |         |
| Claiborne Park Regional Detention Pond                             | 043000005 | Proposed detention pond for flood mitigation   | Sabine       | Detention Pond         | 2                     | Lower Sabine      | Yes             | \$153,996,224   | 0.2                | \$2,053,282                | 0                            | 0                             | 3,336  | Planning   |                             | Baseline average flood depth>3.5ft |  |         |
| Kinard Estates Drainage Improvements                               | 043000006 | Proposed detention pond and local drainage improvements for flood mitigation   | Sabine       | Detention Pond         | 2                     | Lower Sabine      | Yes             | \$111,406,916   | 0.1                | \$863,619                  | 0                            | 100                           | 1,502  | Planning   |                             | Baseline average flood depth>3.5ft |  |         |
| Elevation of Feeder Road Along IH-10 at Cole Creek                 | 043000007 | Proposed roadway improvements for access to IH10 during flood events   | Sabine       | LWC Upgrade            | 2                     | Lower Sabine      | Yes             | \$1,404,527     | 0.1                | \$0                        | 0                            | 0                             | 0  | Planning   |                             | Baseline average flood depth>1ft   |  |         |
| Lawrence Road Detention Pond                                       | 043000008 | Expansion of existing detention pond   | Sabine       | Detention Pond         | 2                     | Lower Sabine      | Yes             | \$33,611,855    | 0.3                | \$0                        | 0                            | 0                             | 3,336  | Planning   |                             | Baseline average flood depth>3.5ft |  |         |
| Upper Cow Detention Pond   | 043000009 | Proposed detention pond for flood mitigation   | Sabine       | Detention Pond         | 2                     | Lower Sabine      | Yes             | \$155,422,183   | 0.3                | \$0                        | 0                            | 0                             | 3,336  | Planning   |                             | Baseline average flood depth>3.5ft |  |         |
| Upper Adams Detention Pond   | 043000010 | Proposed detention pond for flood mitigation   | Sabine       | Detention Pond         | 2                     | Lower Sabine      | Yes             | \$22,505,949    | 0.3                | \$409,199                  | 0                            | 0                             | 532  | Planning   |                             | Baseline average flood depth>3.5ft |  |         |
| Cole Creek Detention Pond  | 043000011 | Proposed detention pond for flood mitigation   | Sabine       | Detention Pond         | 2                     | Lower Sabine      | Yes             | \$46,654,490    | 0.2                | \$106,517                  | 0                            | 0                             | 2,071  | Planning   |                             | Baseline average flood depth>3.5ft |  |         |
| CR-2400 Drainage Improvements                                      | 043000012 | Two proposed bridge installations over creek crossing on County Road 2400 to reduce roadway overtopping during storm events. Includes some creek channel grading improvements.   | Sabine       | LWC Upgrade            | 2                     | Upper Sabine      | Yes             | \$9,826,000     | 0                  | \$0                        | 0                            | 0                             | 2  | Planning   |                             | Baseline average flood depth>3.5ft |  |         |
| CR-2706 Drainage Improvements                                      | 043000013 | Two proposed bridge installations over creek crossing on County Road 2706 to reduce roadway overtopping during storm events. A bridge class culvert, trapezoidal channel, and creek channel grading are also proposed. | Sabine       | LWC Upgrade            | 2                     | Upper Sabine      | Yes             | \$7,041,000     | 0                  | \$0                        | 0                            | 0                             | 3  | Planning   |                             | Baseline average flood depth>3.5ft |  |         |
| CR-3101 Drainage Improvements                                      | 043000014 | Two proposed bridge installations over nearby creek crossings on County Road 3101 to reduce roadway overtopping during storm events. Includes some creek channel grading improvements.                                 | Sabine       | LWC Upgrade            | 2                     | Upper Sabine      | Yes             | \$6,444,000     | 0                  | \$0                        | 0                            | 0                             | 2  | Planning   |                             | Baseline average flood depth>3.5ft |  |         |
| CR-4105 Drainage Improvements                                      | 043000015 | Proposed bridge installation over creek crossing on County Road 4105 to reduce roadway overtopping during storm events. Includes side ditch grading improvements.  | Sabine       | LWC Upgrade            | 2                     | Upper Sabine      | Yes             | \$2,720,000     | 0                  | \$0                        | 0                            | 0                             | 1  | Planning   |                             | Baseline average flood depth>3.5ft |  |         |
| CR-4106 Drainage Improvements                                      | 043000016 | Two proposed bridge installations over creek crossing on County Road 4106 to reduce roadway overtopping during storm events. Includes some creek channel grading improvements directly under the proposed bridges.     | Sabine       | LWC Upgrade            | 2                     | Upper Sabine      | Yes             | \$2,553,000     | 0                  | \$0                        | 0                            | 0                             | 5  | Planning   |                             | Baseline average flood depth>3.5ft |  |         |
| Sabine Pass to Galveston Bay Coastal Storm Risk Management Project | 043000017 | Program comprised of improvements and construction of new infrastructure currently being implemented to reduce the risk of storm surge impacts in Orange, Jefferson, and Brazoria Counties in Texas.                   | Sabine       | Flood Walls and Levees | 3                     | Lower Sabine      | Yes             | \$2,390,000,128 | 1.66999996         | \$1,477,132                | Unknown                      | Unknown                       | 7,929  | Planning   |                             | Baseline average flood depth>2ft   | Baseline average flood depth > 2ft                                 | 8       |

| Project Name   | Score 2: Severity - Community Need (% Population) |                             |                        |         |  | Score 3: Flood Risk Reduction |  |         |  |         | Score 4: Flood Damage Reduction                          |                       |                        |         |                        | Score 5: Critical Facilities Damage Reduction |   |         |  |         |
|--|---|-----------------------------|------------------------|---------|--|-------------------------------|--|---------|--|---------|--|-----------------------|------------------------|---------|------------------------|---|---|---------|--|---------|
|  | Communities Served by Project                     | Community Population Served | Flood Plain Population | Notes 2 | Severity Ranking: Community Need (% Population)    | Score 2                       | # of Structures Removed from 1% Annual Chance FP | Notes 3 | Flood Risk Reduction                             | Score 3 | # of Structures with Reduced 1% Annual Chance Flood Risk | Pre-Project Damage \$ | Post-Project Damage \$ | Notes 4 | Flood Damage Reduction | Score 4                                       | # of Critical Facilities Removed from 1% Annual Chance FP | Notes 5 | Reduction in Critical Facilities Flood Risk                | Score 5 |
| Terry Gully Regional Detention Pond 1                              | 1   | 3,481                       | 2,949                  | 85%     | >75% of project community affected (by population) | 10                            | 463  |         | Reduced risk to <50% of structures in floodplain | 4       | 736  |                       |                        |         |                        |   | 9   |         | Reduced risk for <10% of critical facilities in floodplain | 1       |
| Terry Gully Regional Detention Pond 2                              | 1   | 3,481                       | 2,949                  | 85%     | >75% of project community affected (by population) | 10                            | 76   |         | Reduced risk to <10% of structures in floodplain | 1       | 545  |                       |                        |         |                        |   | 8   |         | Reduced risk for <10% of critical facilities in floodplain | 1       |
| Terry Gully Regional Detention Pond 3                              | 1   | 3,481                       | 2,949                  | 85%     | >75% of project community affected (by population) | 10                            | 108  |         | Reduced risk to <10% of structures in floodplain | 1       | 515  |                       |                        |         |                        |   | 8   |         | Reduced risk for <10% of critical facilities in floodplain | 1       |
| Terry Gully Regional Detention Pond 4                              | 1   | 3,481                       | 2,949                  | 85%     | >75% of project community affected (by population) | 10                            | 61   |         | Reduced risk to <10% of structures in floodplain | 1       | 459  |                       |                        |         |                        |   | 8   |         | Reduced risk for <10% of critical facilities in floodplain | 1       |
| Claiborne Park Regional Detention Pond                             | 2   | 9,936                       | 5,869                  | 59%     | 50%-75% of project community affected              | 7                             | 75   |         | Reduced risk to <10% of structures in floodplain | 1       | 592  |                       |                        |         |                        |   | 8   |         | Reduced risk for <50% of critical facilities in floodplain | 4       |
| Kinard Estates Drainage Improvements                               | 1   | 5,700                       | 4,663                  | 82%     | >75% of project community affected (by population) | 10                            | 129  |         | Reduced risk to <10% of structures in floodplain | 1       | 296  |                       |                        |         |                        |   | 9   |         | Reduced risk for <50% of critical facilities in floodplain | 4       |
| Elevation of Feeder Road Along IH-10 at Cole Creek                 | 1   | 0                           | 0                      | 0%      | >75% of project community affected (by population) | 10                            | 0  |         | Reduced risk to 0 of structures in floodplain    |         | 0  |                       |                        |         |                        |   | 0   |         | Reduced risk for 0 structures in floodplain                | 0       |
| Lawrence Road Detention Pond                                       | 2   | 9,936                       | 5,869                  | 59%     | 50%-75% of project community affected              | 7                             | 124  |         | Reduced risk to <10% of structures in floodplain | 1       | 1153   |                       |                        |         |                        |   | 0   |         | Reduced risk for 0 structures in floodplain                | 0       |
| Upper Cow Detention Pond   | 2   | 9,936                       | 5,869                  | 59%     | 50%-75% of project community affected              | 7                             | 782  |         | Reduced risk to <50% of structures in floodplain | 4       | 0  |                       |                        |         |                        |   | 0   |         | Reduced risk for 0 structures in floodplain                | 0       |
| Upper Adams Detention Pond   | 1   | 1,717                       | 1,339                  | 78%     | >75% of project community affected (by population) | 10                            | 55   |         | Reduced risk to <50% of structures in floodplain | 4       | 314  |                       |                        |         |                        |   | 8   |         | Reduced risk for <10% of critical facilities in floodplain | 1       |
| Cole Creek Detention Pond  | 2   | 6,510                       | 2,920                  | 45%     | 25%-50% of project community affected              | 4                             | 14   |         | Reduced risk to <10% of structures in floodplain | 1       | 351  |                       |                        |         |                        |   | 8   |         | Reduced risk for <10% of critical facilities in floodplain | 1       |
| CR-2400 Drainage Improvements                                      | 1   | 147                         | 1                      | 1%      | <25% of project community affected                 | 1                             | 0  |         | Reduced risk to 0 of structures in floodplain    |         | 0  |                       |                        |         |                        |   | 0   |         | Reduced risk to 0 structures in floodplain                 |         |
| CR-2706 Drainage Improvements                                      | 1   | 173                         | 7                      | 4%      | <25% of project community affected                 | 1                             | 0  |         | Reduced risk to 0 of structures in floodplain    |         | 0  |                       |                        |         |                        |   | 0   |         | Reduced risk to 0 structures in floodplain                 |         |
| CR-3101 Drainage Improvements                                      | 1   | 100                         | 2                      | 2%      | <25% of project community affected                 | 1                             | 0  |         | Reduced risk to <10% of structures in floodplain | 1       | 1  |                       |                        |         |                        |   | 0   |         | Reduced risk to 0 structures in floodplain                 |         |
| CR-4105 Drainage Improvements                                      | 1   | 136                         | 2                      | 1%      | <25% of project community affected                 | 1                             | 0  |         | Reduced risk to <10% of structures in floodplain | 1       | 1  |                       |                        |         |                        |   | 0   |         | Reduced risk to 0 structures in floodplain                 |         |
| CR-4106 Drainage Improvements                                      | 1   | 42                          | 3                      | 7%      | <25% of project community affected                 | 1                             | 0  |         | Reduced risk to <10% of structures in floodplain | 1       | 1  |                       |                        |         |                        |   | 0   |         | Reduced risk to 0 structures in floodplain                 |         |
| Sabine Pass to Galveston Bay Coastal Storm Risk Management Project | 5   | 56,259                      | 24,485                 | 44%     | 25%-50% of project community affected              | 4                             | 0  |         | Reduced risk to <50% of structures in floodplain | 4       | 0  |                       |                        |         |                        |   | 9   |         | Reduced risk for <10% of critical facilities in floodplain | 1       |

| Project Name   | Score 6: Life and Safety |         |   |         | Score 7: Water Supply             |          |        |                           | Score 8: Social Vulnerability |         |           |   | Score 9: Nature-Based Solution |         |                                 |  | Score 10: Multiple Benefits    |                |                               |  |                          |
|--|--------------------------|---------|---|---------|-----------------------------------|----------|--------|---------------------------|-------------------------------|---------|-----------|---|--------------------------------|---------|---------------------------------|--|--------------------------------|----------------|-------------------------------|--|--------------------------|
|  | Adjusted Injury Risk (%) | Notes 6 | Life and Safety Ranking (Injury/Loss of Life) | Score 6 | Water Supply Benefit in Acre-Feet | SourceID | WMS_ID | Notes 7                   | Water Supply Yield Ranking    | Score 7 | SVI Score | Notes 8   | Social Vulnerability Ranking   | Score 8 | % Nature Based Solution by Cost | Notes 9                                  | Nature-Based Solutions Ranking | Score 9        | Multiple Benefits Description | Notes 10   | Multiple Benefit Ranking |
| Terry Gully Regional Detention Pond 1                              |                          |         |   |         | 0                                 |          |        | No impact on water supply | 0                             | 0.28    |           | SVI between 0.25-0.5 (low to moderate vulnerability)  | 4                              | 0%      |                                 | <25% of the project cost is nature-based | 1                              | Environmental  |                               | Project delivers benefits in only 1 wider benefit category | 1                        |
| Terry Gully Regional Detention Pond 2                              |                          |         |   |         | 0                                 |          |        | No impact on water supply | 0                             | 0.28    |           | SVI between 0.25-0.5 (low to moderate vulnerability)  | 4                              | 0%      |                                 | <25% of the project cost is nature-based | 1                              | Environmental  |                               | Project delivers benefits in only 1 wider benefit category | 1                        |
| Terry Gully Regional Detention Pond 3                              |                          |         |   |         | 0                                 |          |        | No impact on water supply | 0                             | 0.28    |           | SVI between 0.25-0.5 (low to moderate vulnerability)  | 4                              | 0%      |                                 | <25% of the project cost is nature-based | 1                              | Environmental  |                               | Project delivers benefits in only 1 wider benefit category | 1                        |
| Terry Gully Regional Detention Pond 4                              | 41.25                    |         |   |         | 0                                 |          |        | No impact on water supply | 0                             | 0.28    |           | SVI between 0.25-0.5 (low to moderate vulnerability)  | 4                              | 0%      |                                 | <25% of the project cost is nature-based | 1                              | Environmental  |                               | Project delivers benefits in only 1 wider benefit category | 1                        |
| Claiborne Park Regional Detention Pond                             | 52.5                     |         |   |         | 0                                 |          |        | No impact on water supply | 0                             | 0.33    |           | SVI between 0.25-0.5 (low to moderate vulnerability)  | 4                              | 0%      |                                 | <25% of the project cost is nature-based | 1                              | Environmental  |                               | Project delivers benefits in only 1 wider benefit category | 1                        |
| Kinard Estates Drainage Improvements                               | 26.25                    |         |   |         | 0                                 |          |        | No impact on water supply | 0                             | 0.30    |           | SVI between 0.25-0.5 (low to moderate vulnerability)  | 4                              | 0%      |                                 | <25% of the project cost is nature-based | 1                              | Environmental  |                               | Project delivers benefits in only 1 wider benefit category | 1                        |
| Elevation of Feeder Road Along IH-10 at Cole Creek                 | 12.5                     |         |   |         | 0                                 |          |        | No impact on water supply | 0                             | 0.18    |           | SVI between 0.01-0.25 (low vulnerability)             | 1                              | 0%      |                                 | <25% of the project cost is nature-based | 1                              | Transportation |                               | Project delivers benefits in only 1 wider benefit category | 1                        |
| Lawrence Road Detention Pond                                       | 45.75                    |         |   |         | 0                                 |          |        | No impact on water supply | 0                             | 0.33    |           | SVI between 0.25-0.5 (low to moderate vulnerability)  | 4                              | 0%      |                                 | <25% of the project cost is nature-based | 1                              | Environmental  |                               | Project delivers benefits in only 1 wider benefit category | 1                        |
| Upper Cow Detention Pond   | 26.25                    |         |   |         | 0                                 |          |        | No impact on water supply | 0                             | 0.33    |           | SVI between 0.25-0.5 (low to moderate vulnerability)  | 4                              | 0%      |                                 | <25% of the project cost is nature-based | 1                              | Environmental  |                               | Project delivers benefits in only 1 wider benefit category | 1                        |
| Upper Adams Detention Pond   | 27                       |         |   |         | 0                                 |          |        | No impact on water supply | 0                             | 0.29    |           | SVI between 0.25-0.5 (low to moderate vulnerability)  | 4                              | 0%      |                                 | <25% of the project cost is nature-based | 1                              | Environmental  |                               | Project delivers benefits in only 1 wider benefit category | 1                        |
| Cole Creek Detention Pond  | 26.25                    |         |   |         | 0                                 |          |        | No impact on water supply | 0                             | 0.36    |           | SVI between 0.25-0.5 (low to moderate vulnerability)  | 4                              | 0%      |                                 | <25% of the project cost is nature-based | 1                              | Environmental  |                               | Project delivers benefits in only 1 wider benefit category | 1                        |
| CR-2400 Drainage Improvements                                      | 0                        |         |   |         | 0                                 |          |        | No impact on water supply | 0                             | 0.18    |           | SVI between 0.01-0.25 (low vulnerability)             | 1                              | 0%      |                                 | <25% of the project cost is nature-based | 1                              | Transportation |                               | Project delivers benefits in only 1 wider benefit category | 1                        |
| CR-2706 Drainage Improvements                                      | 0                        |         |   |         | 0                                 |          |        | No impact on water supply | 0                             | 0.26    |           | SVI between 0.25-0.5 (low to moderate vulnerability)  | 4                              | 0%      |                                 | <25% of the project cost is nature-based | 1                              | Transportation |                               | Project delivers benefits in only 1 wider benefit category | 1                        |
| CR-3101 Drainage Improvements                                      | 0                        |         |   |         | 0                                 |          |        | No impact on water supply | 0                             | 0.34    |           | SVI between 0.25-0.5 (low to moderate vulnerability)  | 4                              | 0%      |                                 | <25% of the project cost is nature-based | 1                              | Transportation |                               | Project delivers benefits in only 1 wider benefit category | 1                        |
| CR-4105 Drainage Improvements                                      | 0                        |         |   |         | 0                                 |          |        | No impact on water supply | 0                             | 0.52    |           | SVI between 0.5-0.75 (moderate to high vulnerability) | 7                              | 0%      |                                 | <25% of the project cost is nature-based | 1                              | Transportation |                               | Project delivers benefits in only 1 wider benefit category | 1                        |
| CR-4106 Drainage Improvements                                      | 0                        |         |   |         | 0                                 |          |        | No impact on water supply | 0                             | 0.39    |           | SVI between 0.25-0.5 (low to moderate vulnerability)  | 4                              | 0%      |                                 | <25% of the project cost is nature-based | 1                              | Transportation |                               | Project delivers benefits in only 1 wider benefit category | 1                        |
| Sabine Pass to Galveston Bay Coastal Storm Risk Management Project | 52.5                     |         |   |         | 0                                 |          |        | No impact on water supply | 0                             | 0.81    |           | SVI between 0.75-1.00 (high vulnerability)            | 10                             | 0%      |                                 | <25% of the project cost is nature-based | 1                              | Environmental  |                               | Project delivers benefits in only 1 wider benefit category | 1                        |

| Project Name   | Score 11: O&M     |          |  | Score 12: Admin, Regulatory Obstacles |          |  | Score 13: Environmental Benefit |          |   | Score 14: Environmental Impact |          |  | Score 15: Mobility |                               |          | Score 16: Regional |          |               |   |          |
|--|-------------------|----------|--|---------------------------------------|----------|--|---------------------------------|----------|---|--------------------------------|----------|--|--------------------|-------------------------------|----------|--------------------|----------|---------------|---|----------|
|  | O&M Cost (Annual) | Notes 11 | Operations and Maintenance Ranking   | Score 11                              | Notes 12 | Administrative, Regulatory and Other Obstacle Ranking  | Score 12                        | Notes 13 | Environmental Benefit Ranking   | Score 13                       | Notes 14 | Environmental Impact Ranking                 | Score 14           | Traffic Count for LWC Project | Notes 15 | Mobility Ranking   | Score 15 | Project Count | Regional Ranking                                      | Score 16 |
| Terry Gully Regional Detention Pond 1                              | \$ 10,000         |          | Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)   |                                       |          | Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)   |                                 |          | Project will deliver a low level of environmental benefits (1 category)     |                                |          | Project has no adverse environmental impacts | 10                 | 0                             |          |                    |          | 33            | Project region has recommended <10% of total projects | 10       |
| Terry Gully Regional Detention Pond 2                              | \$ 10,000         |          | Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)   |                                       |          | Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)   |                                 |          | Project will deliver a low level of environmental benefits (1 category)     | 3                              |          | Project has no adverse environmental impacts | 10                 | 0                             |          |                    |          | 33            | Project region has recommended <10% of total projects | 10       |
| Terry Gully Regional Detention Pond 3                              | \$ 10,000         |          | Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)   |                                       |          | Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)   |                                 |          | Project will deliver a low level of environmental benefits (1 category)     |                                |          | Project has no adverse environmental impacts | 10                 | 0                             |          |                    |          | 33            | Project region has recommended <10% of total projects | 10       |
| Terry Gully Regional Detention Pond 4                              | \$ 10,000         |          | Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)   |                                       |          | Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)   |                                 |          | Project will deliver a low level of environmental benefits (1 category)     | 3                              |          | Project has no adverse environmental impacts | 10                 | 0                             |          |                    |          | 33            | Project region has recommended <10% of total projects | 10       |
| Claiborne Park Regional Detention Pond                             | \$ 10,000         |          | Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)   |                                       |          | Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)   |                                 |          | Project will deliver a low level of environmental benefits (1 category)     | 3                              |          | Project has no adverse environmental impacts | 10                 | 0                             |          |                    |          | 33            | Project region has recommended <10% of total projects | 10       |
| Kinard Estates Drainage Improvements                               | \$ 10,000         |          | Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)   |                                       |          | Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)   |                                 |          | Project will deliver a low level of environmental benefits (1 category)     | 3                              |          | Project has no adverse environmental impacts | 10                 | 0                             |          |                    |          | 33            | Project region has recommended <10% of total projects | 10       |
| Elevation of Feeder Road Along IH-10 at Cole Creek                 | \$ -              |          | Project will not require any ongoing operations and maintenance (low)  |                                       |          | Project will not require any ongoing operations and maintenance (low)  |                                 |          | Project does not provide any environmental benefits                         | 0                              |          | Project has no adverse environmental impacts | 10                 | 860                           |          |                    |          | 33            | Project region has recommended <10% of total projects | 10       |
| Lawrence Road Detention Pond                                       | \$ 10,000         |          | Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)   |                                       |          | Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)   |                                 |          | Project will deliver a low level of environmental benefits (1 category)     | 3                              |          | Project has no adverse environmental impacts | 10                 | 860                           |          |                    |          | 33            | Project region has recommended <10% of total projects | 10       |
| Upper Cow Detention Pond   | \$ 10,000         |          | Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)   |                                       |          | Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)   |                                 |          | Project will deliver a low level of environmental benefits (1 category)     | 3                              |          | Project has no adverse environmental impacts | 10                 | 0                             |          |                    |          | 33            | Project region has recommended <10% of total projects | 10       |
| Upper Adams Detention Pond   | \$ 10,000         |          | Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)   |                                       |          | Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)   |                                 |          | Project will deliver a low level of environmental benefits (1 category)     | 3                              |          | Project has no adverse environmental impacts | 10                 | 0                             |          |                    |          | 33            | Project region has recommended <10% of total projects | 10       |
| Cole Creek Detention Pond  | \$ 10,000         |          | Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)   |                                       |          | Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular)   |                                 |          | Project will deliver a low level of environmental benefits (1 category)     | 3                              |          | Project has no adverse environmental impacts | 10                 | 0                             |          |                    |          | 33            | Project region has recommended <10% of total projects | 10       |
| CR-2400 Drainage Improvements                                      | \$ -              |          | Project will not require any ongoing operations and maintenance (low)  |                                       |          | Project will not require any ongoing operations and maintenance (low)  |                                 |          | Project does not provide any environmental benefits                         | 0                              |          | Project has no adverse environmental impacts | 10                 | 0                             |          |                    |          | 33            | Project region has recommended <10% of total projects | 10       |
| CR-2706 Drainage Improvements                                      | \$ -              |          | Project will not require any ongoing operations and maintenance (low)  |                                       |          | Project will not require any ongoing operations and maintenance (low)  |                                 |          | Project does not provide any environmental benefits                         | 0                              |          | Project has no adverse environmental impacts | 10                 | 0                             |          |                    |          | 33            | Project region has recommended <10% of total projects | 10       |
| CR-3101 Drainage Improvements                                      | \$ -              |          | Project will not require any ongoing operations and maintenance (low)  |                                       |          | Project will not require any ongoing operations and maintenance (low)  |                                 |          | Project does not provide any environmental benefits                         | 0                              |          | Project has no adverse environmental impacts | 10                 | 0                             |          |                    |          | 33            | Project region has recommended <10% of total projects | 10       |
| CR-4105 Drainage Improvements                                      | \$ -              |          | Project will not require any ongoing operations and maintenance (low)  |                                       |          | Project will not require any ongoing operations and maintenance (low)  |                                 |          | Project does not provide any environmental benefits                         | 0                              |          | Project has no adverse environmental impacts | 10                 | 0                             |          |                    |          | 33            | Project region has recommended <10% of total projects | 10       |
| CR-4106 Drainage Improvements                                      | \$ -              |          | Project will not require any ongoing operations and maintenance (low)  |                                       |          | Project will not require any ongoing operations and maintenance (low)  |                                 |          | Project does not provide any environmental benefits                         | 0                              |          | Project has no adverse environmental impacts | 10                 | 0                             |          |                    |          | 33            | Project region has recommended <10% of total projects | 10       |
| Sabine Pass to Galveston Bay Coastal Storm Risk Management Project | \$ 195,000        |          | Project will require ongoing operation and maintenance outside of the owner's regular maintenance practices; long-term O&M requirements are undefined; and/or high annual O&M cost > 1% of project (high); | 4                                     |          | Project will require ongoing operation and maintenance outside of the owner's regular maintenance practices; long-term O&M requirements are undefined; and/or high annual O&M cost > 1% of project (high); |                                 |          | Project will deliver a high level of environmental benefits (4+ categories) | 10                             |          | Project has no adverse environmental impacts | 10                 | 0                             |          |                    |          | 33            | Project region has recommended <10% of total projects | 10       |

| General Project Data  |           |  |              |                               |                       |                   |                 |              |                    |                            |                              |                               |  | Score 1: Severity - Pre-Project Average Depth of Flooding (100-year) |                             |                                    |  |         |
|---|-----------|--|--------------|-------------------------------|-----------------------|-------------------|-----------------|--------------|--------------------|----------------------------|------------------------------|-------------------------------|--|--|-----------------------------|------------------------------------|--|---------|
| Project Name  | FMP       | Project Description:   | Flood Region | Project Type                  | FIUP Project Category | Project Watershed | Rural Applicant | Project Cost | Benefit Cost Ratio | Cost per Structure Removed | Pre-Project Level-of-Service | Post-Project Level-of-Service | # of Structures in 1% Annual Chance FP (Pre-Project) | Project Status   | Average Flood Depth (100yr) | Notes                              | Severity Ranking: Pre-Project Average Depth of Flooding (100-year) | Score 1 |
| Kilgore Downtown Storm Sewer Master Plan Improvements       | 043000018 | Downtown Storm Sewer Improvements  | Sabine       | Storm Drain                   | 2                     | Middle Sabine     | No              | \$2,242,305  | 0.01               | \$0                        | Unknown                      | Unknown                       | 0  | Design   |                             | Baseline average flood depth<0.5ft | Baseline average flood depth > 2ft                                 | 8       |
| Parker Creek Maintenance                                    | 043000020 | Remove debris and clear channel South of Hwy 59 to Five Notch Rd   | Sabine       | Channel                       | 2                     | Middle Sabine     | Yes             | \$427,125    | 0.1                | \$0                        | 0                            | 0                             | 465  | Planning   |                             | Baseline average flood depth>2ft   |  |         |
| Turtle Creek Maintenance                                    | 043000021 | Remove debris and clear channel West of Hwy 59   | Sabine       | Channel                       | 2                     | Middle Sabine     | Yes             | \$63,750     | 0                  | \$0                        | 0                            | 0                             | 465  | Planning   |                             | Baseline average flood depth>2ft   |  |         |
| Upper Happy Hollow Drainage Improvement - City Park         | 043000022 | Improve Drainage Walls - Carter thru City Park   | Sabine       | Channel                       | 2                     | Middle Sabine     | Yes             | \$1,367,494  | 0                  | \$0                        | 0                            | 0                             | 465  | Planning   |                             | Baseline average flood depth>2ft   |  |         |
| Parker Creek Detention Pond                                 | 043000023 | Detention pond by UPRR   | Sabine       | Detention Pond                | 2                     | Middle Sabine     | Yes             | \$0          | 0.1                | \$0                        | 0                            | 0                             | 465  | Planning   |                             | Baseline average flood depth>2ft   |  |         |
| Upper Happy Hollow Drainage Improvement - Smith Park        | 043000024 | Drainage improvement through Smith Park  | Sabine       | Channel                       | 2                     | Middle Sabine     | Yes             | \$685,598    | 0.1                | \$76,178                   | 0                            | 0                             | 465  | Planning   |                             | Baseline average flood depth>2ft   |  |         |
| Parker Creek Improvements                                   | 043000025 | Improvements through downtown  | Sabine       | Channel                       | 2                     | Middle Sabine     | Yes             | \$2,435,399  | 0.1                | \$81,180                   | 0                            | 0                             | 465  | Planning   |                             | Baseline average flood depth>2ft   |  |         |
| City of Longview Property Acquisition Program               | 043000026 | Implementation of program to purchase properties and repetitive loss homes in floodplain areas to reserve them from development.                                     | Sabine       | Property Acquisition          | 2                     | Middle Sabine     | No              | \$759,828    | 0.6                | \$189,957                  | 0                            | 0                             | 1,520  | Planning   |                             | Baseline average flood depth>3.5ft |  |         |
| City of Kilgore Property Acquisition                        | 043000027 | Implementation of program to purchase properties and repetitive loss homes in floodplain areas to reserve them from development.                                     | Sabine       | Property Acquisition          | 2                     | Middle Sabine     | No              | \$64,351,367 | 3.2                | \$292,508                  | 0                            | 0                             | 517  | Planning   |                             | Baseline average flood depth>3.5ft |  |         |
| Orange County Property Acquisition                          | 043000029 | Acquire flood prone/repetitive loss properties and convert to open space, parks, boating access, trails, agricultural projects, and/or as a general community asset. | Sabine       | Property Acquisition          | 2                     | Lower Sabine      | Yes             | \$0          | 0                  | \$0                        | 0                            | 0                             | 16,974   | Planning   |                             | Baseline average flood depth>3.5ft |  |         |
| Orange County Elevation of Residential Structures Program   | 043000030 | Elevations of homes within Floodplains throughout County.  | Sabine       | Property Elevation            | 2                     | Lower Sabine      | Yes             | \$0          | 0                  | \$0                        | 0                            | 0                             | 16,974   | Planning   |                             | Baseline average flood depth>3.5ft |  |         |
| Bighead Creek Flooding - Roadway Improvements to Stone Road | 043000031 | Proposed drainage improvements near Bighead Creek  | Sabine       | LWC Upgrade                   | 2                     | Middle Sabine     | No              | \$0          | 0                  | \$0                        | 0                            | 0                             | 517  | Planning   |                             | 0                                  |  |         |
| Harris Creek Tributary Flooding                             | 043000032 | Proposed drainage improvements near Harris Creek   | Sabine       | Channel                       | 2                     | Middle Sabine     | No              | \$0          | 0                  | \$0                        | 0                            | 0                             | 1,520  | Planning   |                             | Baseline average flood depth<0.5ft |  |         |
| Iron Bridge Creek Neighborhood Flooding                     | 043000033 | Proposed drainage improvements near Iron Bridge Creek  | Sabine       | Detention Pond                | 2                     | Middle Sabine     | No              | \$0          | 0                  | \$0                        | 0                            | 0                             | 1,520  | Planning   |                             | Baseline average flood depth>0.5ft |  |         |
| CR-342 Drainage Improvements                                | 043000034 | Proposed bridge installation over creek crossing on County Road 342 to reduce roadway overtopping during storm events.   | Sabine       | LWC Upgrade                   | 2                     | Upper Sabine      | Yes             | \$0          | 0                  | \$0                        | 0                            | 0                             | 0  | Planning   |                             | Baseline average flood depth>3.5ft |  |         |
| Sabine Flood Measurement Gages                              | 043000035 | Install flood measurement gages in Upper Sabine Basin  | Sabine       | Flood Measurement and Warning | 2                     | Lower Sabine      | Yes             | \$800,100    | 1                  | \$0                        | 0                            | 0                             | 12,591   | Planning   |                             | Baseline average flood depth>3.5ft |  |         |
|   |           |  |              |                               |                       |                   |                 |              |                    |                            |                              |                               |  |  |                             | 0                                  |  |         |

| Project Name  | Score 2: Severity - Community Need (% Population) |                             |                        |         |  | Score 3: Flood Risk Reduction |  |         |  |         | Score 4: Flood Damage Reduction                          |                       |                        |         |                        | Score 5: Critical Facilities Damage Reduction |   |         |   |         |
|---|---|-----------------------------|------------------------|---------|--|-------------------------------|--|---------|--|---------|--|-----------------------|------------------------|---------|------------------------|---|---|---------|---|---------|
|   | Communities Served by Project                     | Community Population Served | Flood Plain Population | Notes 2 | Severity Ranking: Community Need (% Population)    | Score 2                       | # of Structures Removed from 1% Annual Chance FP | Notes 3 | Flood Risk Reduction                             | Score 3 | # of Structures with Reduced 1% Annual Chance Flood Risk | Pre-Project Damage \$ | Post-Project Damage \$ | Notes 4 | Flood Damage Reduction | Score 4                                       | # of Critical Facilities Removed from 1% Annual Chance FP | Notes 5 | Reduction in Critical Facilities Flood Risk | Score 5 |
| Kilgore Downtown Storm Sewer Master Plan Improvements       | 1   | 723                         | 0                      | 0%      | <25% of project community affected                 | 1                             | 0  |         | Reduced risk to 0 structures in floodplain       | 0       |  |                       |                        |         |                        |   | 0   |         | Reduced risk for 0 structures in floodplain | 0       |
| Parker Creek Maintenance                                    | 1   | 13,141                      | 4,657                  | 35%     | 25%-50% of project community affected              | 4                             | 0  |         | Reduced risk to 0 of structures in floodplain    | 0       |  |                       |                        |         |                        |   | 0   |         | Reduced risk for 0 structures in floodplain | 0       |
| Turtle Creek Maintenance                                    | 1   | 13,141                      | 4,657                  | 35%     | 25%-50% of project community affected              | 4                             | 0  |         | Reduced risk to 0 of structures in floodplain    | 0       |  |                       |                        |         |                        |   | 0   |         | Reduced risk for 0 structures in floodplain | 0       |
| Upper Happy Hollow Drainage Improvement - City Park         | 1   | 13,141                      | 4,657                  | 35%     | 25%-50% of project community affected              | 4                             | 0  |         | Reduced risk to 0 of structures in floodplain    | 13      |  |                       |                        |         |                        |   | 0   |         | Reduced risk for 0 structures in floodplain | 0       |
| Parker Creek Detention Pond                                 | 1   | 13,141                      | 4,657                  | 35%     | 25%-50% of project community affected              | 4                             | 0  |         | Reduced risk to <10% of structures in floodplain | 1       |  |                       |                        |         |                        |   | 0   |         | Reduced risk for 0 structures in floodplain | 0       |
| Upper Happy Hollow Drainage Improvement - Smith Park        | 1   | 13,141                      | 4,657                  | 35%     | 25%-50% of project community affected              | 4                             | 9  |         | Reduced risk to <10% of structures in floodplain | 1       |  |                       |                        |         |                        |   | 0   |         | Reduced risk for 0 structures in floodplain | 0       |
| Parker Creek Improvements                                   | 1   | 13,141                      | 4,657                  | 35%     | 25%-50% of project community affected              | 4                             | 2  |         | Reduced risk to <10% of structures in floodplain | 1       |  |                       |                        |         |                        |   | 0   |         | Reduced risk for 0 structures in floodplain | 0       |
| City of Longview Property Acquisition Program               | 4   | 86,180                      | 12,674                 | 15%     | <25% of project community affected                 | 1                             | 4  |         | Reduced risk to <10% of structures in floodplain | 1       |  |                       |                        |         |                        |   | 0   |         | Reduced risk for 0 structures in floodplain | 0       |
| City of Kilgore Property Acquisition                        | 4   | 26,225                      | 1,891                  | 7%      | <25% of project community affected                 | 1                             | 22   |         | Reduced risk to <10% of structures in floodplain | 1       |  |                       |                        |         |                        |   | 0   |         | Reduced risk for 0 structures in floodplain | 0       |
| Orange County Property Acquisition                          | 5   | 54,141                      | 44,427                 | 82%     | >75% of project community affected (by population) | 10                            | 4  |         | Reduced risk to <10% of structures in floodplain | 1       |  |                       |                        |         |                        |   | 0   |         | Reduced risk for 0 structures in floodplain | 0       |
| Orange County Elevation of Residential Structures Program   | 5   | 54,141                      | 44,427                 | 82%     | >75% of project community affected (by population) | 10                            | 0  |         | Reduced risk to 0 of structures in floodplain    | 0       |  |                       |                        |         |                        |   | 0   |         | Reduced risk for 0 structures in floodplain | 0       |
| Bighead Creek Flooding - Roadway Improvements to Stone Road | 4   | 26,225                      | 1,891                  | 7%      | <25% of project community affected                 | 1                             | 0  |         | 0  | 0       |  |                       |                        |         |                        |   | 0   |         | 0   | 0       |
| Harris Creek Tributary Flooding                             | 4   | 86,180                      | 12,674                 | 15%     | <25% of project community affected                 | 1                             | 0  |         | 0  | 0       |  |                       |                        |         |                        |   | 0   |         | 0   | 0       |
| Iron Bridge Creek Neighborhood Flooding                     | 4   | 86,180                      | 12,674                 | 15%     | <25% of project community affected                 | 1                             | 0  |         | Reduced risk to <50% of structures in floodplain | 4       |  |                       |                        |         |                        |   | 0   |         | Reduced risk for 0 structures in floodplain | 0       |
| CR-342 Drainage Improvements                                | 1   | 20                          | 0                      | 0%      | <25% of project community affected                 | 1                             | 0  |         | Reduced risk to <10% of structures in floodplain | 1       |  |                       |                        |         |                        |   | 0   |         | Reduced risk to 0 structures in floodplain  | 0       |
| Sabine Flood Measurement Gages                              | 71  | 571,027                     | 43,502                 | 8%      | <25% of project community affected                 | 1                             | 0  |         | Reduced risk to 0 of structures in floodplain    | 0       |  |                       |                        |         |                        |   | 0   |         | Reduced risk for 0 structures in floodplain | 0       |
|   |   |                             |                        |         |  |                               | 0  |         |  | 0       |  |                       |                        |         |                        |   | 0   |         |   | 0       |

| Project Name  | Score 6: Life and Safety |         |   |         | Score 7: Water Supply             |          |        |                           | Score 8: Social Vulnerability |         |           |   | Score 9: Nature-Based Solution |         |                                 |  | Score 10: Multiple Benefits    |                |                               |  |                          |
|---|--------------------------|---------|---|---------|-----------------------------------|----------|--------|---------------------------|-------------------------------|---------|-----------|---|--------------------------------|---------|---------------------------------|--|--------------------------------|----------------|-------------------------------|--|--------------------------|
|   | Adjusted Injury Risk (%) | Notes 6 | Life and Safety Ranking (Injury/Loss of Life) | Score 6 | Water Supply Benefit in Acre-Feet | SourceID | WMS_ID | Notes 7                   | Water Supply Yield Ranking    | Score 7 | SVI Score | Notes 8   | Social Vulnerability Ranking   | Score 8 | % Nature Based Solution by Cost | Notes 9                                  | Nature-Based Solutions Ranking | Score 9        | Multiple Benefits Description | Notes 10   | Multiple Benefit Ranking |
| Kilgore Downtown Storm Sewer Master Plan Improvements       | 17.5                     |         |   |         | 0                                 |          |        | No impact on water supply | 0                             | 0.96    |           | SVI between 0.75-1.00 (high vulnerability)            | 10                             | 0%      |                                 | <25% of the project cost is nature-based | 1                              | Transportation |                               | Project delivers benefits in only 1 wider benefit category | 1                        |
| Parker Creek Maintenance                                    | #REF!                    |         |   |         | 0                                 |          |        | No impact on water supply | 0                             | 0.67    |           | SVI between 0.5-0.75 (moderate to high vulnerability) | 7                              | 0%      |                                 | <25% of the project cost is nature-based | 1                              | 0              |                               | Project does not deliver any wider benefits                | 0                        |
| Turtle Creek Maintenance                                    | 38                       |         |   |         | 0                                 |          |        | No impact on water supply | 0                             | 0.67    |           | SVI between 0.5-0.75 (moderate to high vulnerability) | 7                              | 0%      |                                 | <25% of the project cost is nature-based | 1                              | 0              |                               | Project does not deliver any wider benefits                | 0                        |
| Upper Happy Hollow Drainage Improvement - City Park         | 38                       |         |   |         | 0                                 |          |        | No impact on water supply | 0                             | 0.67    |           | SVI between 0.5-0.75 (moderate to high vulnerability) | 7                              | 0%      |                                 | <25% of the project cost is nature-based | 1                              | 0              |                               | Project does not deliver any wider benefits                | 0                        |
| Parker Creek Detention Pond                                 | 38                       |         |   |         | 0                                 |          |        | No impact on water supply | 0                             | 0.67    |           | SVI between 0.5-0.75 (moderate to high vulnerability) | 7                              | 0%      |                                 | <25% of the project cost is nature-based | 1                              | Environmental  |                               | Project does not deliver any wider benefits                | 0                        |
| Upper Happy Hollow Drainage Improvement - Smith Park        | 38                       |         |   |         | 0                                 |          |        | No impact on water supply | 0                             | 0.67    |           | SVI between 0.5-0.75 (moderate to high vulnerability) | 7                              | 0%      |                                 | <25% of the project cost is nature-based | 1                              | 0              |                               | Project does not deliver any wider benefits                | 0                        |
| Parker Creek Improvements                                   | 38                       |         |   |         | 0                                 |          |        | No impact on water supply | 0                             | 0.67    |           | SVI between 0.5-0.75 (moderate to high vulnerability) | 7                              | 0%      |                                 | <25% of the project cost is nature-based | 1                              | 0              |                               | Project does not deliver any wider benefits                | 0                        |
| City of Longview Property Acquisition Program               | 38                       |         |   |         | 0                                 |          |        | No impact on water supply | 0                             | 0.67    |           | SVI between 0.5-0.75 (moderate to high vulnerability) | 7                              | 0%      |                                 | <25% of the project cost is nature-based | 1                              | 0              |                               | Project does not deliver any wider benefits                | 0                        |
| City of Kilgore Property Acquisition                        | 0                        |         |   |         | 0                                 |          |        | No impact on water supply | 0                             | 0.59    |           | SVI between 0.5-0.75 (moderate to high vulnerability) | 7                              | 0%      |                                 | <25% of the project cost is nature-based | 1                              | 0              |                               | Project does not deliver any wider benefits                | 0                        |
| Orange County Property Acquisition                          | 0                        |         |   |         | 0                                 |          |        | No impact on water supply | 0                             | 0.43    |           | SVI between 0.25-0.5 (low to moderate vulnerability)  | 4                              | 0%      |                                 | <25% of the project cost is nature-based | 1                              | Environmental  |                               | Project delivers benefits in only 1 wider benefit category | 1                        |
| Orange County Elevation of Residential Structures Program   | 0                        |         |   |         | 0                                 |          |        | No impact on water supply | 0                             | 0.43    |           | SVI between 0.25-0.5 (low to moderate vulnerability)  | 4                              | 0%      |                                 | <25% of the project cost is nature-based | 1                              | Environmental  |                               | Project delivers benefits in only 1 wider benefit category | 1                        |
| Bighead Creek Flooding - Roadway Improvements to Stone Road | 52.5                     |         |   |         | 0                                 |          |        | No impact on water supply | 0                             | 0.59    |           | SVI between 0.5-0.75 (moderate to high vulnerability) | 7                              | 0%      |                                 | <25% of the project cost is nature-based | 1                              | Transportation |                               | Project delivers benefits in only 1 wider benefit category | 1                        |
| Harris Creek Tributary Flooding                             | 52.5                     |         |   |         | 0                                 |          |        | No impact on water supply | 0                             | 0.59    |           | SVI between 0.5-0.75 (moderate to high vulnerability) | 7                              | 0%      |                                 | <25% of the project cost is nature-based | 1                              | Transportation |                               | Project delivers benefits in only 1 wider benefit category | 1                        |
| Iron Bridge Creek Neighborhood Flooding                     | 0                        |         |   |         | 0                                 |          |        | No impact on water supply | 0                             | 0.59    |           | SVI between 0.5-0.75 (moderate to high vulnerability) | 7                              | 0%      |                                 | <25% of the project cost is nature-based | 1                              | Transportation |                               | Project delivers benefits in only 1 wider benefit category | 1                        |
| CR-342 Drainage Improvements                                | 0                        |         |   |         | 0                                 |          |        | No impact on water supply | 0                             | 0.44    |           | SVI between 0.25-0.5 (low to moderate vulnerability)  | 4                              | 0%      |                                 | <25% of the project cost is nature-based | 1                              | Transportation |                               | Project delivers benefits in only 1 wider benefit category | 1                        |
| Sabine Flood Measurement Gages                              | 0                        |         |   |         | 0                                 |          |        | No impact on water supply | 0                             | 0.54    |           | SVI between 0.5-0.75 (moderate to high vulnerability) | 7                              | 0%      |                                 | <25% of the project cost is nature-based | 1                              | 0              |                               | Project does not deliver any wider benefits                | 0                        |
|   | 0                        |         |   |         | 0                                 |          |        |                           |                               | 0.00    |           | 0   |                                | 0%      |                                 | <25% of the project cost is nature-based | 1                              | 0              |                               | Project does not deliver any wider benefits                | 0                        |

| Project Name  | Score 11: O&M     |          |  | Score 12: Admin, Regulatory Obstacles |          |  | Score 13: Environmental Benefit |          |   | Score 14: Environmental Impact |          |  | Score 15: Mobility |                               |          | Score 16: Regional |          |               |   |          |
|---|-------------------|----------|--|---------------------------------------|----------|--|---------------------------------|----------|---|--------------------------------|----------|--|--------------------|-------------------------------|----------|--------------------|----------|---------------|---|----------|
|   | O&M Cost (Annual) | Notes 11 | Operations and Maintenance Ranking   | Score 11                              | Notes 12 | Administrative, Regulatory and Other Obstacle Ranking  | Score 12                        | Notes 13 | Environmental Benefit Ranking   | Score 13                       | Notes 14 | Environmental Impact Ranking                 | Score 14           | Traffic Count for LWC Project | Notes 15 | Mobility Ranking   | Score 15 | Project Count | Regional Ranking                                      | Score 16 |
| Kilgore Downtown Storm Sewer Master Plan Improvements       | \$ -              |          | Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular); | 7                                     |          | Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular); |                                 |          | Project does not provide any environmental benefits                     | 0                              |          | Project has no adverse environmental impacts | 10                 | 0                             |          |                    |          | 33            | Project region has recommended <10% of total projects | 10       |
| Parker Creek Maintenance                                    | \$ -              |          | Project will not require any ongoing operations and maintenance (low)  |                                       |          | Project will not require any ongoing operations and maintenance (low)  |                                 |          | Project does not provide any environmental benefits                     | 0                              |          | Project has no adverse environmental impacts | 10                 | 0                             |          |                    |          | 33            | Project region has recommended <10% of total projects | 10       |
| Turtle Creek Maintenance                                    | \$ -              |          | Project will not require any ongoing operations and maintenance (low)  |                                       |          | Project will not require any ongoing operations and maintenance (low)  |                                 |          | Project does not provide any environmental benefits                     | 0                              |          | Project has no adverse environmental impacts | 10                 | 0                             |          |                    |          | 33            | Project region has recommended <10% of total projects | 10       |
| Upper Happy Hollow Drainage Improvement - City Park         | \$ -              |          | Project will not require any ongoing operations and maintenance (low)  |                                       |          | Project will not require any ongoing operations and maintenance (low)  |                                 |          | Project does not provide any environmental benefits                     | 0                              |          | Project has no adverse environmental impacts | 10                 | 0                             |          |                    |          | 33            | Project region has recommended <10% of total projects | 10       |
| Parker Creek Detention Pond                                 | \$ -              |          | Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular) |                                       |          | Project requires regular, ongoing operations and maintenance and /or O&M requirements are well defined (Regular) |                                 |          | Project will deliver a low level of environmental benefits (1 category) | 3                              |          | Project has no adverse environmental impacts | 10                 | 0                             |          |                    |          | 33            | Project region has recommended <10% of total projects | 10       |
| Upper Happy Hollow Drainage Improvement - Smith Park        | \$ -              |          | Project will not require any ongoing operations and maintenance (low)  |                                       |          | Project will not require any ongoing operations and maintenance (low)  |                                 |          | Project does not provide any environmental benefits                     | 0                              |          | Project has no adverse environmental impacts | 10                 | 0                             |          |                    |          | 33            | Project region has recommended <10% of total projects | 10       |
| Parker Creek Improvements                                   | \$ -              |          | Project will not require any ongoing operations and maintenance (low)  |                                       |          | Project will not require any ongoing operations and maintenance (low)  |                                 |          | Project does not provide any environmental benefits                     | 0                              |          | Project has no adverse environmental impacts | 10                 | 0                             |          |                    |          | 33            | Project region has recommended <10% of total projects | 10       |
| City of Longview Property Acquisition Program               | \$ -              |          | Project will not require any ongoing operations and maintenance (low)  |                                       |          | Project will not require any ongoing operations and maintenance (low)  |                                 |          | Project will deliver a low level of environmental benefits (1 category) | 3                              |          | Project has no adverse environmental impacts | 10                 | 0                             |          |                    |          | 33            | Project region has recommended <10% of total projects | 10       |
| City of Kilgore Property Acquisition                        | \$ -              |          | Project will not require any ongoing operations and maintenance (low)  |                                       |          | Project will not require any ongoing operations and maintenance (low)  |                                 |          | Project will deliver a low level of environmental benefits (1 category) | 3                              |          | Project has no adverse environmental impacts | 10                 | 0                             |          |                    |          | 33            | Project region has recommended <10% of total projects | 10       |
| Orange County Property Acquisition                          | \$ -              |          | Project will not require any ongoing operations and maintenance (low)  |                                       |          | Project will not require any ongoing operations and maintenance (low)  |                                 |          | Project will deliver a low level of environmental benefits (1 category) | 3                              |          | Project has no adverse environmental impacts | 10                 | 999999                        |          |                    |          | 33            | Project region has recommended <10% of total projects | 10       |
| Orange County Elevation of Residential Structures Program   | \$ -              |          | Project will not require any ongoing operations and maintenance (low)  |                                       |          | Project will not require any ongoing operations and maintenance (low)  |                                 |          | Project will deliver a low level of environmental benefits (1 category) | 3                              |          | Project has no adverse environmental impacts | 10                 | 999999                        |          |                    |          | 33            | Project region has recommended <10% of total projects | 10       |
| Bighead Creek Flooding - Roadway Improvements to Stone Road | \$ -              |          | Project will not require any ongoing operations and maintenance (low)  |                                       |          | Project will not require any ongoing operations and maintenance (low)  |                                 |          | Project does not provide any environmental benefits                     | 0                              |          | Project has no adverse environmental impacts | 10                 | 0                             |          |                    |          | 33            | Project region has recommended <10% of total projects | 10       |
| Harris Creek Tributary Flooding                             | \$ -              |          | Project will not require any ongoing operations and maintenance (low)  |                                       |          | Project will not require any ongoing operations and maintenance (low)  |                                 |          | Project does not provide any environmental benefits                     | 0                              |          | Project has no adverse environmental impacts | 10                 | 0                             |          |                    |          | 33            | Project region has recommended <10% of total projects | 10       |
| Iron Bridge Creek Neighborhood Flooding                     | \$ -              |          | Project will not require any ongoing operations and maintenance (low)  |                                       |          | Project will not require any ongoing operations and maintenance (low)  |                                 |          | Project does not provide any environmental benefits                     | 0                              |          | Project has no adverse environmental impacts | 10                 | 0                             |          |                    |          | 33            | Project region has recommended <10% of total projects | 10       |
| CR-342 Drainage Improvements                                | \$ -              |          | Project will not require any ongoing operations and maintenance (low)  |                                       |          | Project will not require any ongoing operations and maintenance (low)  |                                 |          | Project does not provide any environmental benefits                     | 0                              |          | Project has no adverse environmental impacts | 10                 | 0                             |          |                    |          | 33            | Project region has recommended <10% of total projects | 10       |
| Sabine Flood Measurement Gages                              | \$ -              |          | Project will not require any ongoing operations and maintenance (low)  |                                       |          | Project will not require any ongoing operations and maintenance (low)  |                                 |          | Project does not provide any environmental benefits                     | 0                              |          | Project has no adverse environmental impacts | 10                 | 0                             |          |                    |          | 33            | Project region has recommended <10% of total projects | 10       |
|   | \$ -              |          |  | 0                                     |          |  |                                 |          |   | 0                              |          | Project has no adverse environmental impacts | 10                 | 0                             |          |                    |          | 0             | Project region has recommended <10% of total projects | 10       |