




APPENDIX B


Tables



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Lower Colorado-Lavaca Region Existing Condition Flood Risk Summary Table

| ID | RFPG No. | RFPG Name | County | Area of County (acres) | Miles of Stream (miles) | Area of Lakes (acres) | Area of Parks (acres) | Area of Preserves (acres) | Area of Wetlands (acres) | Miles of Dunes (miles) | Miles of Natural Barriers (miles) | Number of Beach Nourishment Areas (count) | Miles of Sea Walls (miles) | Number of Dams (count)2 | Miles of Levees (miles) | Number of Low Water Crossings (count) |
|----|----------|-----------------------|------------|------------------------|-------------------------|-----------------------|-----------------------|---------------------------|--------------------------|------------------------|-----------------------------------|---|----------------------------|-------------------------|-------------------------|---------------------------------------|
| 1 | 10 | Lower Colorado-Lavaca | Austin | 92,502 | 283 | | 1,224 | | 2,096 | | | | | 4 | | 8 |
| 2 | 10 | Lower Colorado-Lavaca | Bastrop | 508,499 | 2,078 | 1,896 | 7,638 | | 2,315 | | | | | 33 | | 19 |
| 3 | 10 | Lower Colorado-Lavaca | Blanco | 351,106 | 1,439 | 11 | 5,364 | | 679 | | | | | 3 | | 43 |
| 4 | 10 | Lower Colorado-Lavaca | Brazoria | 249,114 | 585 | 4,030 | 46,212 | | 54,835 | 4 | 24 | | | 8 | 8 | 2 |
| 5 | 10 | Lower Colorado-Lavaca | Brown | 597,618 | 2,244 | 6,672 | 2,459 | | 1,556 | | | | | 70 | | 58 |
| 6 | 10 | Lower Colorado-Lavaca | Burnet | 341,525 | 1,449 | 14,982 | 1,832 | | 1,450 | | | | | 20 | | 69 |
| 7 | 10 | Lower Colorado-Lavaca | Caldwell | 37,061 | 171 | 114 | | | 50 | | | | | | | 1 |
| 8 | 10 | Lower Colorado-Lavaca | Calhoun | 207,868 | 561 | 3,463 | | | 23,735 | | | 2 | 4 | 4 | 14 | 2 |
| 9 | 10 | Lower Colorado-Lavaca | Callahan | 286,648 | 1,018 | 404 | | | 492 | | | | | 34 | | 5 |
| 10 | 10 | Lower Colorado-Lavaca | Coleman | 805,718 | 3,008 | 9,492 | | | 1,602 | | | | | 113 | | 30 |
| 11 | 10 | Lower Colorado-Lavaca | Colorado | 621,171 | 2,064 | 2,723 | 9,332 | | 6,865 | | | | | 18 | 9 | 11 |
| 12 | 10 | Lower Colorado-Lavaca | Comanche | 19,015 | 52 | | | | 19 | | | | | 4 | | |
| 13 | 10 | Lower Colorado-Lavaca | Concho | 329,426 | 866 | 6,049 | | | 212 | | | | | 40 | | 13 |
| 14 | 10 | Lower Colorado-Lavaca | De Witt | 92,661 | 308 | 432 | | | 458 | | | | | 5 | | 4 |
| 15 | 10 | Lower Colorado-Lavaca | Eastland | 20,067 | 38 | 60 | | | 42 | | | | | 1 | | 1 |
| 16 | 10 | Lower Colorado-Lavaca | Edwards | 403,336 | 1,282 | | | | 201 | | | | | | | 1 |
| 17 | 10 | Lower Colorado-Lavaca | Fayette | 565,871 | 2,144 | 3,738 | 40 | | 2,939 | | | | | 49 | | 22 |
| 18 | 10 | Lower Colorado-Lavaca | Fort Bend | 112,704 | 252 | | 237 | | 5,497 | | | | | 2 | | |
| 19 | 10 | Lower Colorado-Lavaca | Gillespie | 656,249 | 2,587 | | 1,671 | | 677 | | | | | 11 | | 123 |
| 21 | 10 | Lower Colorado-Lavaca | Hays | 191,595 | 735 | 45 | | | 636 | | | | | 9 | | 120 |
| 22 | 10 | Lower Colorado-Lavaca | Jackson | 542,753 | 1,762 | 12,494 | | | 21,118 | | | | | 6 | | 7 |
| 23 | 10 | Lower Colorado-Lavaca | Kendall | 19,159 | 74 | | 6 | | 32 | | | | | | | |
| 24 | 10 | Lower Colorado-Lavaca | Kerr | 164,390 | 494 | | | | 55 | | | | | | | 4 |
| 25 | 10 | Lower Colorado-Lavaca | Kimble | 796,754 | 2,656 | 72 | 2,743 | | 1,166 | | | | | 4 | | 64 |
| 26 | 10 | Lower Colorado-Lavaca | Lampasas | 97,046 | 310 | 63 | 604 | | 130 | | | | | 1 | | 5 |
| 27 | 10 | Lower Colorado-Lavaca | Lavaca | 614,020 | 2,280 | 996 | | | 4,850 | | | | | 2 | | 11 |
| 28 | 10 | Lower Colorado-Lavaca | Lee | 65,161 | 288 | 125 | | | 243 | | | | | 16 | | 3 |
| 29 | 10 | Lower Colorado-Lavaca | Llano | 615,962 | 2,658 | 17,141 | 1,417 | | 1,767 | | | | | 10 | | 228 |
| 30 | 10 | Lower Colorado-Lavaca | Mason | 595,042 | 2,552 | | 5,286 | | 1,511 | | | | | 1 | | 68 |
| 31 | 10 | Lower Colorado-Lavaca | Matagorda | 727,093 | 2,373 | 14,361 | 17,317 | | 107,678 | 76 | 86 | 2 | 27 | 10 | 49 | 4 |
| 32 | 10 | Lower Colorado-Lavaca | McCulloch | 684,541 | 2,432 | 1,914 | | | 1,227 | | | | | 40 | | 49 |
| 33 | 10 | Lower Colorado-Lavaca | Menard | 574,324 | 1,728 | 98 | | | 422 | | | | | 4 | | 31 |
| 34 | 10 | Lower Colorado-Lavaca | Mills | 293,110 | 1,183 | 225 | | | 350 | | | | | 35 | | 12 |
| 35 | 10 | Lower Colorado-Lavaca | Real | 38,683 | 107 | | | | 4 | | | | | | | 5 |
| 36 | 10 | Lower Colorado-Lavaca | Runnels | 24,660 | 92 | 38 | | | 25 | | | | | 1 | | |
| 37 | 10 | Lower Colorado-Lavaca | San Saba | 725,197 | 2,518 | 414 | 4,731 | | 1,074 | | | | | 39 | | 16 |
| 38 | 10 | Lower Colorado-Lavaca | Schleicher | 347,639 | 975 | | | | 8 | | | | | | | |
| 39 | 10 | Lower Colorado-Lavaca | Sutton | 413,553 | 1,125 | 7 | | | 20 | | | | | 1 | | 5 |
| 40 | 10 | Lower Colorado-Lavaca | Taylor | 85,599 | 313 | 159 | | | 119 | | | | | 11 | | 7 |
| 41 | 10 | Lower Colorado-Lavaca | Travis | 648,560 | 2,511 | 20,366 | 22,063 | 1,353 | 1,495 | | | | | 77 | 3 | 272 |
| 42 | 10 | Lower Colorado-Lavaca | Victoria | 274,520 | 680 | 153 | 333 | | 5,655 | | | | | 2 | 2 | 10 |
| 43 | 10 | Lower Colorado-Lavaca | Wharton | 698,242 | 2,257 | 1,751 | 117 | | 20,265 | | | | | 12 | 25 | 21 |



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Lower Colorado-Lavaca Region Proposed or Ongoing Flood Mitigation Projects

| Existing Project ID | RFPG No. | RFPG Name | Project Name | Description | Counties | HUC8s | HUC12s | Watersheds | Project Status | Project Cost | Dedicated Funding for Construction (Yes/No) | Source of Funding | Expected Year of Completion | Anticipated Benefit |
|---------------------|----------|-----------------------|---|--|-----------------|---|---|---|----------------|--------------|---|-------------------|-----------------------------|-----------------------------------|
| 10000001 | 10 | Lower Colorado-Lavaca | Junction Dam Repairs and Mitigation | The proposed project will repair the damage to the dam caused during the flood and protect the integrity of the dam for use as a critical municipal water supply for the City of Junction. | Kimble | 12090203,12090202,12090204 | 120902020306,120902030405,120902040201 | 10000069,10000335,10000464 | Ongoing | \$4,120,000 | Yes | TWDB | <Null> | Flood mitigation |
| 10000002 | 10 | Lower Colorado-Lavaca | Avenue N at Backbone Creek HMGF Project | This project proposes a two-way bridge to be installed at the Avenue N crossing of Backbone Creek, which will include roadway approaches and a new bridge that is 15 feet higher than the current crossing elevation. | Burnet | 12090205 | 120902050101,120902050103 | 10000104,10000353 | Ongoing | \$895,208 | Yes | TWDB | <Null> | Improved emergency service access |
| 10000003 | 10 | Lower Colorado-Lavaca | Backbone Tributary Bypass Channel | In order to produce a significant flood reduction, it was determined that the 100-year discharge from this tributary's upstream sub-basin would need to be diverted to Backbone Creek. | Burnet | 12090205 | 120902050101 | 10000104 | Ongoing | \$1,691,438 | Yes | TWDB | <Null> | Flood reduction |
| 10000004 | 10 | Lower Colorado-Lavaca | Wastewater Treatment Plant Relocation out of Floodplain | The proposed project would fully relocate the existing wastewater treatment capacity of 1.5 MGD out of the floodplain. | Burnet | 12090205 | 120902050101 | 10000104 | Ongoing | \$29,694,800 | Yes | TWDB | <Null> | Flood mitigation |
| 10000005 | 10 | Lower Colorado-Lavaca | Onion Creek Watershed Study Floodplain and Mapping | The proposed study scope of work would include project management for procured consultant as well as coordination with the County and other participating stakeholders, data collection and hydrology, hydraulic analysis and mapping, conceptual flood mitigation | Hays | 12090205,12090206,12100203 | 120902060306,120902050303,120902050406,120902050401,120902050403,120902050402,120902050404,120902050405,120902050407 | 10000064,10000519,10000524,10000537,10000539,10000542,10000544,10000545,10000548 | Ongoing | \$215,000 | Yes | TWDB | 2024 | Flood risk identification |
| 10000006 | 10 | Lower Colorado-Lavaca | Central Texas Regional Floodplain Studies | Update regulatory floodplains within the City's jurisdiction, including those that extend into neighboring jurisdictions. | Travis | 12090205,12070205,12090301 | 120904020400,120904010307,120904020300,120904020204,120903020205,120904010302,120904010305,120903020206,120904020100,120904010206,120903020201,120904010306,120903020203,120904020201,120904020202,120904020203 | 10000004,10000012,10000022,10000023,10000035,10000065,10000087,10000109,10000195,10000295,10000296,10000331,10000371,10000403,10000404,10000405 | Ongoing | \$4,445,825 | Yes | TWDB | 2023 | Flood risk identification |
| 10000007 | 10 | Lower Colorado-Lavaca | City of Wharton Flood Protection Plan | Phase I includes a Master Drainage Study for the City limits and the Extraterritorial Jurisdiction. Phase II would implement previously designed solutions with considerations from the Master Drainage Study. | Wharton | 12100102 | 121001020308,121001020310 | 10000184,10000410 | Ongoing | \$5,001,157 | Yes | TWDB | <Null> | Flood mitigation |
| 10000008 | 10 | Lower Colorado-Lavaca | Keller Branch - Lavaca River Basin Flood Protection Study Option 2 | The flood planning study will include development of new hydrologic and hydraulic models, field studies, flood reduction alternative analysis, cost benefit analysis, environmental constraints investigation, and public outreach. | Jackson | 12100204,12100402,12100102,12100401,12100202,12100101 | 120902060306,120902050303,120902050406,120902050401,120902050403,120902050402,120902050404,120902050405,120902050407 | 10000064,10000519,10000524,10000537,10000539,10000542,10000544,10000545,10000548 | Ongoing | \$375,000 | Yes | TWDB | 2024 | Flood risk identification |
| 10000009 | 10 | Lower Colorado-Lavaca | Waterhole Creek - Caney Creek Basin Flood Protection Study | The goal of this study is to reevaluate this entire HUC-10 watershed using more robust unsteady and 2D hydraulic modeling (where needed) coupled with a refined hydrologic analysis utilizing NOAA Atlas 14 precipitation estimates with defined sub-watersheds | Matagorda | 12090302,12090401,12090402 | 120904020400,120904010307,120904020300,120904020204,120903020205,120904010302,120904010305,120903020206,120904020100,120904010206,120903020201,120904010306,120903020203,120904020201,120904020202,120904020203 | 10000004,10000012,10000022,10000023,10000035,10000065,10000087,10000109,10000195,10000295,10000296,10000331,10000371,10000403,10000404,10000405 | Ongoing | \$427,500 | Yes | TWDB | 2024 | Flood risk identification |
| 10000010 | 10 | Lower Colorado-Lavaca | Regional Drainage Study | Develop a regional drainage study. | Matagorda | 12090402 | 120904020300 | 10000022 | Ongoing | \$88,740 | Yes | TWDB | <Null> | Flood mitigation |
| 10000011 | 10 | Lower Colorado-Lavaca | Llano & San Saba County Hazard Mitigation Plan | The proposed study scope of work would include project management for procured consultant as well as coordination with the County and other participating stakeholders, data collection and hydrology, hydraulic analysis and mapping. | Llano, San Saba | 12090109,12090205,12090201,12090106,12090204,12090110 | 120904020300 | 10000022 | Ongoing | \$15,974 | Yes | TWDB | <Null> | Flood risk identification |
| 10000012 | 10 | Lower Colorado-Lavaca | Travis County Master Flood Plan Phase 1 | The Plan involves building off previous efforts initiated by the County and the City of Austin and is broken up into three phases that, once accomplished, will provide mitigation alternatives and updated floodplain mapping based upon Atlas 14 | Travis | 12090205,12090206,12070205,12100203,12090301 | 120904020400,120904010307,120904020300,120904020204,120903020205,120904010302,120904010305,120903020206,120904020100,120904010206,120903020201,120904010306,120903020203,120904020201,120904020202,120904020203 | 10000004,10000012,10000022,10000023,10000035,10000065,10000087,10000109,10000195,10000295,10000296,10000331,10000371,10000403,10000404,10000405 | Ongoing | \$1,773,750 | Yes | TWDB | 2025 | Flood risk identification |
| 10000013 | 10 | Lower Colorado-Lavaca | Fallwell Lane, Sand Hill Energy Center and South Austin Regional Wastewater Treatment Plant Access and Flood Potential Mitigation | The Fallwell Lane project includes roadway, levee, floodwall, and stream restoration components to protect Austin Energy's Sand Hill Energy Center (AE-SHEC) and the South Austin Regional (AW-SAR) Wastewater Treatment Plant from the Atlas 14 100-year flood | Travis | 12090205 | 120902050409 | 10000549 | Ongoing | \$22,664,348 | Yes | GLO | <Null> | Access to WW after flood |
| 10000014 | 10 | Lower Colorado-Lavaca | City of Elgin Harvey State Mitigation Application | Project will correct the flooding and drainage issues on County Line Road and Central Avenue and Kennedy Street as part of the Drainage Improvements 2020 project. | Bastrop, Travis | 12090301 | 120903010104,120903010105,120903010201,120903010203 | 10000222,10000223,10000233,10000242 | Ongoing | \$10,940,980 | Yes | GLO | <Null> | Flood reduction |

TABLE 2: ONGOING OR PROPOSED FLOOD PROJECTS

| Existing Project ID | RFPG No. | RFPG Name | Project Name | Description | Counties | HUC8s | HUC12s | Watersheds | Project Status | Project Cost | Dedicated Funding for Construction (Yes/No) | Source of Funding | Expected Year of Completion | Anticipated Benefit |
|---------------------|----------|-----------------------|---|---|-----------------|-------------------|---|---|----------------|---------------|---|-------------------|-----------------------------|--|
| 10000015 | 10 | Lower Colorado-Lavaca | City of Elgin 2016 State Mitigation Application | Removing and disposing 15,000 CY of unclassified excavated material to include any vegetation within the footprint of the proposed steel tank; installing a new 750,000-gallon GSR steel tank with concrete slab | Bastrop, Travis | 12090301 | 120903010104,120903010105,120903010201,120903010203 | 10000222,10000223,10000233,10000242 | Ongoing | \$4,899,840 | Yes | GLO | <Null> | Access to clean water during disaster |
| 10000016 | 10 | Lower Colorado-Lavaca | West Side Fire Station #1 | The addition of this fire station will mitigate the need for those EMS on the east side to cross and assist those on the west side and allow the City to provide a higher level of emergency service to all its residents and businesses. | Bastrop | 12090301 | 120903010206 | 10000240 | Ongoing | \$10,086,334 | Yes | GLO | <Null> | Higher level of emergency service to residents and businesses |
| 10000017 | 10 | Lower Colorado-Lavaca | Riverbank Stabilization Project | Improvements along the Colorado River between Bob Bryant Park upstream of the City Center, and Highway 71 at the downstream end will help mitigate these issues and will consist of a variety of stabilization and erosion mitigation improvements | Bastrop | 12090301 | 120903010303,120903010206,120903010204,120903010205 | 10000211,10000240,10000244,10000245 | Proposed | \$13,291,760 | No | GLO | <Null> | Flood mitigation |
| 10000018 | 10 | Lower Colorado-Lavaca | Gills Branch Drainage Project | This project will reduce the Gills Branch flooding overflow consists of approximately 4,600 linear feet of channel benching between SH 95 at the upstream end to UPRR at the downstream end to increase the channel capacity to convey the NOAA Atlas 14 | Bastrop | 12090301 | 120903010303,120903010206,120903010204,120903010205 | 10000211,10000240,10000244,10000245 | Proposed | \$11,354,908 | No | GLO | <Null> | Flood reduction |
| 10000019 | 10 | Lower Colorado-Lavaca | Agnes Road Extension | The extension of Agnes Road will reduce the response time of first responders to rapidly developing areas on the southwest side of the City by providing an alternate route from Fire Station 1 to this southwest area of the City. | Bastrop | 12090301 | 120903010303,120903010206,120903010204,120903010205 | 10000211,10000240,10000244,10000245 | Proposed | \$4,240,329 | No | GLO | <Null> | Reduction of the response time of first responders to rapidly developing areas |
| 10000020 | 10 | Lower Colorado-Lavaca | Bastrop County Alum Creek Drainage Project | The proposed improvements- 4 crossings and a detention pond- will increase the accessibility for the roadways to a greater overtopping event percentage from 2 to up to 500 year event. | Bastrop | 12090301,12070102 | 120903010402,120903010401,120903010404,120903010501,120903010206,120903010205,120903010502 | 10000138,10000227,10000229,10000230,10000240,10000245,10000260 | Ongoing | \$13,685,404 | Yes | GLO | <Null> | Flood reduction |
| 10000021 | 10 | Lower Colorado-Lavaca | Precinct 3 Drainage Improvements | 3 Sites in precinct 3 have been identified as sites that require flood mitigation. | Bastrop | 12090301,12100202 | 120903010302,120903010303,120903010304,120903010309,120903010109,120903010110,120903010206,120903010301,120903010305,120903010306,120903010307,120903010308 | 10000210,10000211,10000212,10000226,10000235,10000236,10000240,10000246,10000247,10000249,10000250,10000258 | Proposed | \$855,352 | No | GLO | <Null> | Flood mitigation |
| 10000022 | 10 | Lower Colorado-Lavaca | SH 71 Overpass Improvement Project | Bastrop and Travis Counties have partnered with TxDOT to submit this application for overpasses at three signalized at-grade intersections on SH 71 between East Travis Co. and West Bastrop Co. that achieves a BCA of 1.67. | Bastrop, Travis | 12090205,12090301 | 120903010303,120903010107,120903010108,120903010109,120903010110,120902050409 | 10000211,10000225,10000234,10000235,10000236,10000549 | Proposed | \$100,000,000 | No | GLO | <Null> | Flood mitigation |
| 10000023 | 10 | Lower Colorado-Lavaca | Smithville Drainage | The proposed project includes several facets that will help mitigate against flooding. | Bastrop | 12090301 | 120903010404 | 10000229 | Ongoing | \$12,966,541 | Yes | GLO | <Null> | Flood mitigation |
| 10000024 | 10 | Lower Colorado-Lavaca | La Grange Drainage Project | For the 2020 GLO CDBG-MIT, the City is applying for improvements that would increase the drainage capacity of the City's system in the areas described above and, in turn, provide much needed flood relief to its citizens. | Fayette | 12090301 | 120903010701,120903010705,120903010706 | 10000139,10000153,10000154 | Proposed | \$10,676,199 | No | GLO | <Null> | Flood reduction |
| 10000025 | 10 | Lower Colorado-Lavaca | La Grange Sewer/Water | The project will consist of larger water lines, Station G Water Plant Improvements, new generators at key water wells/plants, larger water & sewer lines along La Fayette Street, raising the River Street Lift Station Wet Well & Electrical and new Water/Sew | Fayette | 12090301 | 120903010701,120903010705,120903010706 | 10000139,10000153,10000154 | Proposed | \$9,822,745 | No | GLO | <Null> | Sewer/water system enhancement |
| 10000026 | 10 | Lower Colorado-Lavaca | Flatonia Drainage Project | Culvert and drainage ditch improvements are proposed from just south of the Union Pacific Railroad at US 90 to the north side frontage road of I-10. | Fayette | 12100102,12100202 | 121001020103 | 10000450 | Proposed | \$24,693,176 | No | GLO | <Null> | Flood mitigation |
| 10000027 | 10 | Lower Colorado-Lavaca | Flatonia WWTP | City of Flatonia is proposing a new 0.750 MGD mechanical wastewater treatment plant. | Fayette | 12100102,12100202 | 121001020103 | 10000450 | Proposed | \$17,661,946 | No | GLO | <Null> | WWTP flood mitigation |
| 10000028 | 10 | Lower Colorado-Lavaca | Flatonia Supplemental WWTP Drainage & Generator Project | The City is submitting an application for improvements including the construction of a perimeter berm and containment curb to mitigate drainage | Fayette | 12100102,12100202 | 121001020103 | 10000450 | Ongoing | \$11,441,180 | No | GLO | <Null> | Flood mitigation |
| 10000029 | 10 | Lower Colorado-Lavaca | City of Moulton Drainage Project | City of Moulton proposes to perform approximately 10,400 LF of drainage and street improvements to local collector streets of Arnim Street, Pecan Street, Hackberry Street and Main Street. | Lavaca | 12100101 | 121001010101 | 10000425 | Ongoing | \$4,298,612 | Yes | GLO | <Null> | Flood mitigation |
| 10000030 | 10 | Lower Colorado-Lavaca | Schulenburg Drainage Improvements | The proposed project includes several facets that will help mitigate against flooding | Fayette | 12100102 | 121001020102,121001020103,121001020101,121001020104 | 10000002,10000450,10000452,10000468 | Proposed | \$13,143,226 | No | GLO | <Null> | Flood mitigation |
| 10000031 | 10 | Lower Colorado-Lavaca | Yoakum Electrical application | Y260 Upgrades: The existing primary conductor is smaller in size to take on the increased demand/loading. Hence, it is proposed to change the primary conductor to 336 ACSR. Several wood poles are either rotten at top or bottom and very old. | De Witt, Lavaca | 12100101 | 121001010204,121001010202,121001010203 | 10000312,10000314,10000315 | Ongoing | \$8,143,546 | Yes | GLO | <Null> | Unknown |


| Existing Project ID | RFPG No. | RFPG Name | Project Name | Description | Counties | HUC8s | HUC12s | Watersheds | Project Status | Project Cost | Dedicated Funding for Construction (Yes/No) | Source of Funding | Expected Year of Completion | Anticipated Benefit |
|---------------------|----------|-----------------------|---|---|-----------------|--|---|-------------------------------------|----------------|--------------|---|-------------------|-----------------------------|---|
| 10000032 | 10 | Lower Colorado-Lavaca | HMGPS Supplemental for City of Yoakum | The City of Yoakum would like to mitigate against the effects of lightning strikes, which are a frequent occurrence during high rain/wind events like Hurricanes. | De Witt, Lavaca | 12100101 | 121001010204,121001010202,121001010203 | 10000312,10000314,10000315 | Ongoing | Null | Yes | GLO | <Null> | Lightning strikes mitigation |
| 10000033 | 10 | Lower Colorado-Lavaca | Yoakum Water System Improvements | The City's original grant submittal included three projects: a backup electrical generator at the City's only fire station, backup electrical generation for the City water system to be located at Brushy Creek plant to include the primary well | De Witt, Lavaca | 12100101 | 121001010204,121001010202,121001010203 | 10000312,10000314,10000315 | Ongoing | \$906,660 | Yes | GLO | <Null> | Lightening protection for critical facilities |
| 10000034 | 10 | Lower Colorado-Lavaca | Columbus - Wastewater Treatment Plant Project | The proposed project is to construct a new diffused-air wastewater treatment unit with dual treatment trains, a new headworks structure, new emergency standby power generator, new sludge drying beds, and all related appurtenances | Colorado | 12090302,12090301 | 120903010712,120903020101 | 10000166,10000368 | Proposed | \$8,840,680 | No | GLO | <Null> | WWTP impovement |
| 10000035 | 10 | Lower Colorado-Lavaca | City of Edna | The City of Edna proposes to add multiple levels of mitigation against future hurricanes/ tropical storms/depressions/significant rainfall events through the construction/installation of flood control & detention, street, drainage, water & wastewater impr | Jackson | 12100102,12100101 | 121001020501,121001010402,121001010403 | 10000304,10000347,10000361 | Proposed | \$3,971,701 | No | GLO | <Null> | Flood mitigation |
| 10000036 | 10 | Lower Colorado-Lavaca | City of Ganado Harvey State Mitigation Project - Water & Sewer | The City of Ganado will make citywide improvements to the water and wastewater systems to increase mitigation against future flood and storm hazards. | Jackson | 12100102 | 121001020502 | 10000305 | Proposed | \$7,190,056 | No | GLO | <Null> | Flood mitigation |
| 10000037 | 10 | Lower Colorado-Lavaca | City of Ganado Harvey State Mitigation Project | The proposed project includes drainage and street improvement activities which together will mitigate against flood damage and hazards. | Jackson | 12100102 | 121001020502 | 10000305 | Ongoing | \$10,046,177 | Yes | GLO | <Null> | Flood mitigation |
| 10000038 | 10 | Lower Colorado-Lavaca | Tres Palacios Creek Improvements | The project will mitigate severe flooding as a result of hurricanes, tropical storms, tropical depressions, and riverine flooding events for the benefit population identified within this application. | Wharton | 12090302,12100102,12100401 | 121004010300,120903020204,121001020404,120903020202 | 10000030,10000036,10000080,10000130 | Ongoing | \$14,840,317 | Yes | GLO | <Null> | Flood mitigation |
| 10000039 | 10 | Lower Colorado-Lavaca | Wharton County Drainage Improvements | One of the main goals of the Wharton County flood management strategy is to construct more regional detention ponds across the county. | Wharton | 12090302,12090401,12100102,12100401,12090402 | 121004010300,120903020204,121001020404,120903020202 | 10000030,10000036,10000080,10000130 | Proposed | \$6,660,836 | No | GLO | <Null> | Flood mitigation |
| 10000040 | 10 | Lower Colorado-Lavaca | City of Wharton Harvey HUD Mitigation Project | The risks to the City of Wharton's wastewater collection system infrastructure include riverine flooding, storms, hurricanes, tropical storms and tropical depressions. | Wharton | 12090302,12090401,12090402 | 120903020202,120904010204,120904010206,120903020201,120903020203,120904020201 | 1.00001E+47 | Proposed | \$27,785,392 | No | GLO | <Null> | Flood mitigation |
| 10000041 | 10 | Lower Colorado-Lavaca | Kendleton Evacuation Center | During Hurricane Harvey and extreme flooding of 2015, 2016, & 2017 significant numbers of Kendleton residents were displaced by flooding and / or unable to get to their residences due to road closures as a result of flooding. | Fort Bend | 12090401 | 120904010205,120904010203 | 10000151,10000275 | Proposed | \$3,641,401 | No | GLO | <Null> | Flood mitigation |
| 10000042 | 10 | Lower Colorado-Lavaca | City of Kendleton Flood and Infrastructure Improvement Projects | The proposed project will allow for the enhancement of the sewer system and the goal will be to prevent overflow and contamination. | Fort Bend | 12090401 | 120904010205,120904010203 | 10000151,10000275 | Ongoing | \$291,013 | No | GLO | <Null> | Flood mitigation |
| 10000043 | 10 | Lower Colorado-Lavaca | City of Wallis Hurricane Harvey State Mitigation Application | The proposed wastewater project will include pipe bursting to replace the 6, 8 and 12-inch diameter pipe with in-situ installation of like diameter high density polyethylene pipe utilizing pipe bursting techniques, to provide a seamless long term replacem | Austin | 12090401,12070104 | 120904010109 | 10000277 | Ongoing | \$5,748,125 | Yes | GLO | <Null> | Enhancement of the sewer system |
| 10000044 | 10 | Lower Colorado-Lavaca | Port Lavaca Living Shoreline Coastal Resiliency | This Living Shoreline project will provide different lines of defenses to storm impacts through mitigation actions and natural solutions. | Calhoun | 12100402 | 121004020500,121004020305,121004020400 | 10000006,10000054,10000056 | Ongoing | \$13,645,005 | Yes | GLO | <Null> | Storm protection |
| 10000045 | 10 | Lower Colorado-Lavaca | Corporation Ditch Drainage Enhancements | The city has identified improvements to Corporation Ditch as a key drainage mitigation measure that can reduce the accumulation of storm waters at the core of the city and discharge those waters in a safe and environmentally sensitive way. | Calhoun | 12100402 | 121004020500,121004020305,121004020400 | 10000006,10000054,10000056 | Proposed | \$17,214,120 | No | GLO | <Null> | Flood mitigation |
| 10000046 | 10 | Lower Colorado-Lavaca | City of La Ward Drainage Improvements | The City of La Ward mitigation will make improvements to the community-wide drainage system and result in increased efficiency in the movement of water and enhance the safety of the roadways for drivers. | Jackson | 12100401 | 121004010200,121004010100 | 10000028,10000029 | Ongoing | \$3,280,106 | Yes | GLO | <Null> | Flood mitigation |

TABLE 2: ONGOING OR PROPOSED FLOOD PROJECTS


| Existing Project ID | RFPG No. | RFPG Name | Project Name | Description | Counties | HUC8s | HUC12s | Watersheds | Project Status | Project Cost | Dedicated Funding for Construction (Yes/No) | Source of Funding | Expected Year of Completion | Anticipated Benefit |
|---------------------|----------|-----------------------|--|---|-----------|---|---|---|----------------|--------------|---|-------------------|-----------------------------|---|
| 10000047 | 10 | Lower Colorado-Lavaca | City of Palacios Coastal Resiliency Project | Construction of this living shoreline mitigates the impacts of storm surges and large waves created during tropical events. These resilient structures provide a first line of defense by breaking incoming waves prior to hitting the shoreline. | Matagorda | 12100401 | 121004010500,121004010300 | 10000005,10000030 | Ongoing | \$6,814,726 | Yes | GLO | <Null> | Storm protection |
| 10000048 | 10 | Lower Colorado-Lavaca | City of Palacios Harvey State Mitigation Application | The proposed project consists of constructing improvements throughout the City of Palacios to eliminate known flooding areas. | Matagorda | 12100401 | 121004010500,121004010300 | 10000005,10000030 | Ongoing | \$5,014,832 | Yes | GLO | <Null> | Flood reduction |
| 10000049 | 10 | Lower Colorado-Lavaca | Matagorda County - Blessing CDP Drainage, Water, and Wastewater Collection System Improvements | Due to the impact of rain events on the Town of Blessing, Matagorda County is seeking grant funding for a project that includes improvements to drainage and the water and wastewater systems. | Matagorda | 12100401 | 121004010200,121004010300 | 10000028,10000030 | Ongoing | \$3,111,098 | Yes | GLO | <Null> | Flood mitigation |
| 10000050 | 10 | Lower Colorado-Lavaca | Installation of new trunk and branch storm sewers, cleaning and regrading ditches, and installing new driveway culverts to improve drainage in flood prone neighborhoods | The Cottonwood Creek enters the city of Bay City in the North, and winds through the landscape serving as the main natural drainage source for the city. Dry Creek to the East drains some of the land east of Nichols Road and Confluences with Cotton Creek | Matagorda | 12090302,12090402 | 120904020300,120903020206,120904020203 | 10000022,10000109,10000405 | Proposed | \$15,172,500 | No | GLO | <Null> | Flood reduction |
| 10000051 | 10 | Lower Colorado-Lavaca | City of Sweeny 2016 Flood HUD Mitigation Project | Mitigation of Sanitary Sewer I&I - The proposed project improvements include the replacement of an existing sanitary sewer trunk line that is known to the City to be a source of infiltration and inflow. | Brazoria | 12090401,12090402 | 120904020400,120904010305,120904010306 | 10000004,10000087,10000331 | Ongoing | \$5,398,293 | Yes | GLO | <Null> | WWTP flood mitigation |
| 10000052 | 10 | Lower Colorado-Lavaca | City of Sweeny Harvey HUD Mitigation Project | The proposed project will make significant and necessary improvements to the primary drainage channel that traverses the entire community of Sweeny, Stevenson Slough, the city's primary source of repetitive flooding. | Brazoria | 12090401,12090402 | 120904020400,120904010305,120904010306 | 10000004,10000087,10000331 | Proposed | \$8,457,753 | No | GLO | <Null> | Flood mitigation |
| 10000053 | 10 | Lower Colorado-Lavaca | West Columbia Drainage Improvements and Flood-proofing Sanitary Sewer | This project will make extensive improvements to the seven (7) major drainage channels that are responsible for providing drainage to the entire City of West Columbia. | Brazoria | 12090401,12070104 | 120904010305 | 10000087 | Proposed | \$5,346,397 | No | GLO | <Null> | Flood mitigation |
| 10000054 | 10 | Lower Colorado-Lavaca | City-wide Wastewater and Sanitary Sewer Improvements | This project will make improvements to the municipal wastewater treatment and collection system in order to mitigate damages from previous storms and prevent the occurrence of damages from future disasters. | Brazoria | 12090401,12070104 | 120904010307,120904010306 | 10000012,10000331 | Ongoing | \$3,176,375 | Yes | GLO | <Null> | WWTP flood mitigation |
| 10000055 | 10 | Lower Colorado-Lavaca | Ditch grading and culvert replacement to improve neighborhood drainage, mitigating future flood events | The Village of Jones Creek drainage improvements project includes the following actions: Smith Street Proposed improvements on this street include removing approximately 750 linear feet of existing culverts. | Brazoria | 12090401 | 120904010308,120904010307 | 10000003,10000012 | Proposed | \$4,535,552 | No | GLO | <Null> | Flood reduction |
| 10000056 | 10 | Lower Colorado-Lavaca | Texas Historical Commission & Brazoria County Joint Mitigation Application | The Texas Historical Commission and the Brazoria County Parks proposes a phased project to assess, design, and build both service and emergency spillways and implement drainage improvements to the Columbia Lakes Reservoir | Brazoria | 12040204,12090401,12040205,12070104,12090402 | 120904010308,120904020400,120904010307,120904020500,120904010302,120904010303,120904010304,120904010305,120904020100,120904010301,120904010306 | 10000003,10000004,10000012,10000061,10000065,10000085,10000086,10000087,10000195,10000311,10000331 | Proposed | \$8,211,000 | No | GLO | <Null> | Flood mitigation |
| 10000057 | 10 | Lower Colorado-Lavaca | Calhoun County Bayou and Highway Drainage Improvements | This project will address flooding along Hwy 35, the main artery in Port Lavaca and improve two of the four major drainage channels in Port Lavaca. | Calhoun | 12100303,12100204,12100402,12100404,12100403,12100401,12100101,12100405 | 121004010500,121004020500,121004030200,121004030100,121004010200,121004010100,121004020303,121004020305,121004020304,121004020400,121004020206,121001010404 | 10000005,10000006,10000007,10000027,10000028,10000029,10000050,10000054,10000055,10000056,10000059,10000451 | Proposed | \$14,786,938 | No | GLO | <Null> | Flood mitigation |
| 10000058 | 10 | Lower Colorado-Lavaca | Calhoun County-Seadrift Drainage Improvements | This project will increase the resiliency of the existing drainage system in Seadrift. | Calhoun | 12100303,12100204,12100402,12100404,12100403,12100401,12100101,12100405 | 121004010500,121004020500,121004030200,121004030100,121004010200,121004010100,121004020303,121004020305,121004020304,121004020400,121004020206,121001010404 | 10000005,10000006,10000007,10000027,10000028,10000029,10000050,10000054,10000055,10000056,10000059,10000451 | Proposed | \$11,305,233 | No | GLO | <Null> | Flood mitigation |
| 10000059 | 10 | Lower Colorado-Lavaca | Memorial Medical Center Hospital Facility Improvements | This project will make Memorial Medical Center Hospital more resilient and better able to reliably function during and after weather disasters. Due to its age, the hospital has significant areas of concern that do not meet current health and safety codes. | Calhoun | 12100402 | 121004020305 | 10000054 | Proposed | \$10,472,814 | No | GLO | <Null> | Critical facility resilience |
| 10000060 | 10 | Lower Colorado-Lavaca | Fiber Loop Communication Improvement | This project will increase the resiliency of the county-wide emergency communication system with the installation of dark fiber optic cable and the purchase of hand-held and vehicle-mounted communication devices. | Calhoun | 12100303,12100204,12100402,12100404,12100403,12100401,12100101,12100405 | 121004010500,121004020500,121004030200,121004030100,121004010200,121004010100,121004020303,121004020305,121004020304,121004020400,121004020206,121001010404 | 10000005,10000006,10000007,10000027,10000028,10000029,10000050,10000054,10000055,10000056,10000059,10000451 | Ongoing | \$20,132,640 | Yes | GLO | <Null> | Emergency communication system resilience |

TABLE 2: ONGOING OR PROPOSED FLOOD PROJECTS

| Existing Project ID | RFPG No. | RFPG Name | Project Name | Description | Counties | HUC8s | HUC12s | Watersheds | Project Status | Project Cost | Dedicated Funding for Construction (Yes/No) | Source of Funding | Expected Year of Completion | Anticipated Benefit |
|---------------------|----------|-----------------------|---|---|---------------------|--|---|---|----------------|--------------|---|-------------------|-----------------------------|--|
| 10000061 | 10 | Lower Colorado-Lavaca | Brazos River Stabilization - Evacuation Route- MULTI-JURISDICTIONAL APPLICATION | Protection of the evacuation route from future riverbank erosion | Brazoria, Fort Bend | 12040204,12090401,12040104,12040205,12070104 | 120904010302,120904010303,120904010205,120904010203,120904010109,120904010206,120904010207,120904010301 | 10000065,10000085,10000151,10000275,10000277,10000295,10000310,10000311 | Proposed | \$96,907,992 | No | GLO | <Null> | Protection of the evacuation route from future riverbank erosion |
| 10000062 | 10 | Lower Colorado-Lavaca | Bastrop County Flood Protection Planning Studies - Phase 6 | The flood planning study will include development of new hydrologic and hydraulic models, field studies, flood reduction alternative analysis, cost benefit analysis, environmental constraints investigation, and public outreach. | Bastrop | 12070205,12090301,12070102,12100202 | 120904020400,120904010307,120904020300,120904020204,120903020205,120904010302,120904010305,120903020206,120904020100,120904010206,120903020201,120904010306,120903020203,120904020201,120904020202,120904020203 | 10000004,10000012,10000022,10000023,10000035,10000065,10000087,10000109,10000195,10000295,10000296,10000331,10000371,10000403,10000404,10000405 | Ongoing | \$1,125,000 | Yes | TWDB | 2024 | Flood risk identification |
| 10000063 | 10 | Lower Colorado-Lavaca | Caldwell County Flood Protection Planning | The flood planning study will include development of new hydrologic and hydraulic models, field studies, flood reduction alternative analysis, cost benefit analysis, environmental constraints investigation, and public outreach. | Caldwell | 12090205,12100203,12090301,12100202 | 120903010302,120903010304,120903010301,120903010305,120902050405,120902050407 | 10000210,10000212,10000246,10000247,10000545,10000548 | Ongoing | \$731,250 | Yes | TWDB | 2024 | Flood risk identification |




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Lower Colorado-Lavaca Region Future Condition Flood Risk Summary Table

| ID | RFPG No. | RFPG Name | County | 1% Annual Chance Flood Risk | | | | | | | | | 0.2% Annual Chance Flood Risk | | | | | | | Possible Flood Prone Areas | | | | | | | | | |
|--------|----------|-----------------------|------------|--------------------------------------|---------------------------|------------------------------------|--------------------------------------|---------------|------------------------------|---------------------------|---------------------------|-------------------------|--------------------------------|---|---|-----------------|-----------------------------------|--------------------------------|--------------------------------|------------------------------|-------------|--|--|--------------------------------|--|---|---|---|--|
| | | | | Area in Flood Planning Region (sqmi) | Area in Floodplain (sqmi) | Number of Structures in Floodplain | Residential Structures in Floodplain | 1% Population | Roadway Stream Crossings (#) | Roadways Segments (miles) | Agricultural Areas (sqmi) | Critical Facilities (#) | Area in 0.2% Floodplain (sqmi) | Number of Structures in 0.2% Floodplain | Residential Structures in 0.2% Floodplain | 0.2% Population | 0.2% Roadway Stream Crossings (#) | 0.2% Roadways Segments (miles) | 0.2% Agricultural Areas (sqmi) | 0.2% Critical Facilities (#) | Area (sqmi) | Number of Structures in Flood Prone Area | Residential Structures in Flood Prone Area | Population in Flood Prone Area | Roadway Stream Crossings in Flood Prone Area (#) | Roadways Segments in Flood Prone Area (miles) | Agricultural Areas in Flood Prone Area (sqmi) | Critical Facilities in Flood Prone Area (#) | Average SVI of features in floodplain or flood prone areas |
| 1 | 10 | Lower Colorado-Lavaca | Austin | 145 | 22 | 264 | 154 | 413 | 80 | 21 | 19 | 1 | 22 | 264 | 154 | 413 | 81 | 21 | 19 | 1 | | | | | | | | | 0.66 |
| 2 | 10 | Lower Colorado-Lavaca | Bastrop | 795 | 167 | 4,980 | 3,941 | 14,795 | 538 | 146 | 134 | 15 | 210 | 8,213 | 6,559 | 21,869 | 743 | 250 | 172 | 19 | | | | | | | | | 0.44 |
| 3 | 10 | Lower Colorado-Lavaca | Blanco | 549 | 51 | 424 | 251 | 754 | 135 | 20 | 48 | | 60 | 540 | 337 | 982 | 148 | 24 | 58 | | | | | | | | | 0.30 | |
| 4 | 10 | Lower Colorado-Lavaca | Brazoria | 389 | 261 | 9,563 | 7,304 | 8,303 | 209 | 267 | 70 | 10 | 273 | 10,841 | 8,251 | 10,580 | 224 | 308 | 75 | 11 | | | | | | | | 0.55 | |
| 5 | 10 | Lower Colorado-Lavaca | Brown | 934 | 140 | 3,856 | 2,836 | 8,005 | 376 | 136 | 122 | 5 | 141 | 4,107 | 2,994 | 8,759 | 378 | 142 | 123 | 5 | | | | | | | | 0.42 | |
| 6 | 10 | Lower Colorado-Lavaca | Burnet | 534 | 60 | 4,974 | 4,090 | 7,525 | 273 | 79 | 31 | 6 | 68 | 6,877 | 5,794 | 9,856 | 290 | 117 | 37 | 6 | | | | | | | | 0.41 | |
| 7 | 10 | Lower Colorado-Lavaca | Caldwell | 58 | 9 | 135 | 87 | 155 | 38 | 5 | 8 | | 12 | 262 | 170 | 294 | 70 | 11 | 10 | | | | | | | | | 0.62 | |
| 8 | 10 | Lower Colorado-Lavaca | Calhoun | 325 | 156 | 4,397 | 3,706 | 4,767 | 72 | 142 | 79 | 2 | 167 | 5,182 | 4,312 | 5,817 | 90 | 171 | 85 | 2 | | | | | | | | 0.62 | |
| 9 | 10 | Lower Colorado-Lavaca | Callahan | 448 | 88 | 929 | 501 | 980 | 229 | 54 | 82 | 1 | 99 | 1,095 | 579 | 1,132 | 271 | 76 | 92 | 1 | | | | | | | | 0.39 | |
| 10 | 10 | Lower Colorado-Lavaca | Coleman | 1,259 | 265 | 822 | 460 | 686 | 168 | 245 | 1 | 293 | 460 | 1,012 | 1 | 575 | 819 | 218 | 272 | 1 | | | | | | | | 0.42 | |
| 11 | 10 | Lower Colorado-Lavaca | Colorado | 971 | 226 | 3,166 | 1,686 | 4,903 | 389 | 174 | 194 | 10 | 241 | 3,930 | 2,110 | 5,657 | 418 | 211 | 207 | 12 | | | | | | | | 0.59 | |
| 12 | 10 | Lower Colorado-Lavaca | Comanche | 30 | 4 | 6 | | 2 | 15 | 4 | 4 | | 5 | 11 | | 3 | 21 | 6 | 4 | | | | | | | | | 0.33 | |
| 13 | 10 | Lower Colorado-Lavaca | Concho | 515 | 108 | 91 | 25 | 55 | 206 | 62 | 101 | | 117 | 55 | 112 | 27 | 86 | 230 | 77 | 110 | | | | | | | | 0.57 | |
| 14 | 10 | Lower Colorado-Lavaca | De Witt | 145 | 24 | 133 | 78 | 202 | 88 | 19 | 21 | | 24 | 133 | 78 | 202 | 88 | 19 | 21 | | | | | | | | | 0.72 | |
| 15 | 10 | Lower Colorado-Lavaca | Eastland | 31 | 6 | 15 | 2 | 5 | 22 | 5 | 6 | | 7 | 19 | 2 | 5 | 25 | 7 | 7 | | | | | | | | | 0.67 | |
| 16 | 10 | Lower Colorado-Lavaca | Edwards | 630 | 102 | 122 | 26 | 42 | 120 | 31 | 101 | | 115 | 144 | 31 | 48 | 132 | 34 | 113 | | | | | | | | | 0.54 | |
| 17 | 10 | Lower Colorado-Lavaca | Fayette | 884 | 205 | 2,669 | 1,544 | 6,536 | 504 | 145 | 172 | 6 | 237 | 3,782 | 2,119 | 7,884 | 642 | 211 | 201 | 7 | | | | | | | | 0.30 | |
| 18 | 10 | Lower Colorado-Lavaca | Fort Bend | 176 | 47 | 947 | 669 | 1,102 | 76 | 40 | 31 | | 51 | 1,095 | 769 | 1,316 | 81 | 51 | 33 | | | | | | | | | 0.59 | |
| 19 | 10 | Lower Colorado-Lavaca | Gillespie | 1,025 | 139 | 1,542 | 588 | 1,702 | 601 | 131 | 133 | 3 | 153 | 1,787 | 681 | 1,931 | 632 | 144 | 146 | 3 | | | | | | | | 0.37 | |
| 21 | 10 | Lower Colorado-Lavaca | Hays | 299 | 22 | 810 | 545 | 1,844 | 146 | 19 | 21 | 2 | 24 | 942 | 648 | 2,227 | 157 | 22 | 23 | 2 | | | | | | | | 0.15 | |
| 22 | 10 | Lower Colorado-Lavaca | Jackson | 848 | 211 | 3,125 | 2,362 | 3,650 | 245 | 168 | 142 | 3 | 245 | 4,050 | 2,989 | 5,020 | 271 | 224 | 172 | 3 | | | | | | | | 0.57 | |
| 23 | 10 | Lower Colorado-Lavaca | Kendall | 30 | 1 | 7 | | 1 | 5 | 0 | 1 | | 1 | 9 | | 1 | 6 | 0 | 1 | | | | | | | | | 0.47 | |
| 24 | 10 | Lower Colorado-Lavaca | Kerr | 257 | 19 | 58 | 5 | 25 | 16 | 3 | 18 | 1 | 19 | 59 | 5 | 26 | 16 | 3 | 18 | 1 | | | | | | | | 0.47 | |
| 25 | 10 | Lower Colorado-Lavaca | Kimble | 1,245 | 232 | 1,478 | 403 | 1,073 | 564 | 208 | 223 | 1 | 267 | 1,960 | 611 | 1,951 | 609 | 275 | 256 | 4 | | | | | | | | 0.40 | |
| 26 | 10 | Lower Colorado-Lavaca | Lampasas | 152 | 32 | 177 | 24 | 71 | 59 | 19 | 30 | | 36 | 234 | 32 | 87 | 70 | 23 | 34 | | | | | | | | | 0.44 | |
| 27 | 10 | Lower Colorado-Lavaca | Lavaca | 959 | 186 | 1,880 | 951 | 2,880 | 564 | 144 | 158 | 4 | 186 | 1,972 | 988 | 3,172 | 564 | 145 | 158 | 5 | | | | | | | | 0.44 | |
| 28 | 10 | Lower Colorado-Lavaca | Lee | 102 | 17 | 237 | 118 | 490 | 56 | 14 | 15 | | 21 | 391 | 198 | 895 | 74 | 22 | 19 | | | | | | | | | 0.47 | |
| 29 | 10 | Lower Colorado-Lavaca | Llano | 962 | 120 | 5,562 | 4,299 | 7,807 | 415 | 111 | 87 | 11 | 138 | 8,020 | 6,187 | 10,821 | 467 | 179 | 103 | 13 | | | | | | | | 0.33 | |
| 30 | 10 | Lower Colorado-Lavaca | Mason | 930 | 193 | 1,076 | 274 | 756 | 492 | 108 | 187 | 1 | 222 | 1,246 | 311 | 855 | 567 | 134 | 216 | 1 | | | | | | | | 0.22 | |
| 31 | 10 | Lower Colorado-Lavaca | Matagorda | 1,136 | 670 | 13,612 | 9,484 | 21,569 | 362 | 446 | 366 | 24 | 720 | 16,761 | 11,782 | 27,036 | 451 | 575 | 407 | 30 | | | | | | | | 0.54 | |
| 32 | 10 | Lower Colorado-Lavaca | McCulloch | 1,070 | 213 | 744 | 215 | 1,456 | 448 | 106 | 204 | 6 | 242 | 1,038 | 342 | 1,723 | 539 | 143 | 233 | 7 | | | | | | | | 0.41 | |
| 33 | 10 | Lower Colorado-Lavaca | Menard | 897 | 161 | 1,015 | 494 | 1,356 | 213 | 71 | 158 | 6 | 183 | 1,229 | 582 | 1,534 | 258 | 92 | 179 | 6 | | | | | | | | 0.62 | |
| 34 | 10 | Lower Colorado-Lavaca | Mills | 458 | 90 | 222 | 106 | 314 | 282 | 51 | 86 | | 107 | 358 | 169 | 471 | 329 | 66 | 103 | | | | | | | | | 0.49 | |
| 35 | 10 | Lower Colorado-Lavaca | Real | 60 | 9 | 21 | 1 | 10 | 15 | 3 | 8 | | 10 | 21 | 1 | 10 | 18 | 3 | 9 | | | | | | | | | 0.62 | |
| 36 | 10 | Lower Colorado-Lavaca | Runnels | 39 | 6 | 7 | | 0 | 12 | 2 | 6 | | 7 | 8 | | 0 | 16 | 3 | 6 | | | | | | | | | 0.23 | |
| 37 | 10 | Lower Colorado-Lavaca | San Saba | 1,133 | 247 | 1,257 | 241 | 1,360 | 536 | 170 | 238 | 3 | 286 | 1,726 | 305 | 1,723 | 591 | 211 | 276 | 4 | | | | | | | | 0.50 | |
| 38 | 10 | Lower Colorado-Lavaca | Schleicher | 543 | 98 | 71 | 9 | 18 | 91 | 24 | 96 | | 107 | 84 | 12 | 28 | 116 | 30 | 105 | | | | | | | | | 0.57 | |
| 39 | 10 | Lower Colorado-Lavaca | Sutton | 646 | 97 | 101 | 6 | 19 | 113 | 37 | 95 | | 109 | 148 | 10 | 37 | 123 | 46 | 107 | | | | | | | | | 0.72 | |
| 40 | 10 | Lower Colorado-Lavaca | Taylor | 134 | 20 | 198 | 166 | 192 | 86 | 23 | 19 | | 20 | 198 | 166 | 192 | 86 | 23 | 19 | | | | | | | | | 0.19 | |
| 41 | 10 | Lower Colorado-Lavaca | Travis | 1,013 | 174 | 24,490 | 18,699 | 117,784 | 1,484 | 388 | 103 | 31 | 206 | 35,870 | 28,081 | 156,886 | 1,702 | 579 | 124 | 37 | | | | | | | | 0.34 | |
| 42 | 10 | Lower Colorado-Lavaca | Victoria | 429 | 71 | 1,112 | 770 | 3,080 | 145 | 57 | 60 | 3 | 81 | 1,740 | 1,294 | 5,248 | 158 | 83 | 69 | 4 | | | | | | | | 0.42 | |
| 43 | 10 | Lower Colorado-Lavaca | Wharton | 1,091 | 416 | 10,341 | 7,385 | 25,165 | 504 | 533 | 349 | 21 | 433 | 11,814 | 8,500 | 28,817 | 529 | 621 | 363 | 25 | | | | | | | | 0.72 | |
| Totals | | | | 24,275 | 5,385 | 106,636 | 74,045 | 251,626 | 11,510 | 4,353 | 4,269 | 177 | 5,963 | 139,284 | 98,181 | 326,169 | 13,100 | 5,599 | 4,785 | 210 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.47 |



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Lower Colorado-Lavaca Region Existing Floodplain Management Practices

| Entity Name ¹ | Entity County | Floodplain management regulations (Yes/ No/ Unknown) ¹ | Adopted minimum regulations pursuant to Texas Water Code Section 16.3145? (Yes/ No) ¹ | NFIP Participant (Yes/ No) ¹ | Higher Standards Adopted (Yes/ No) ² | Floodplain Management Practices (Strong/Moderate/ Low/None) ² | Level of enforcement of practices (High/Moderate/ Low/ None) ² | Existing Stormwater or Drainage Fee (Yes/No) ² | Web Link to Entity Regulations ² |
|--------------------------|---------------|---|--|---|---|--|---|---|--|
| Austin County | Austin | Yes | Yes | Yes | | | | No | Austin County, TX, Article 1 Flood Damage Prevention Order |
| Wallis | Austin | Yes | Yes | Yes | | | | No | Wallis, TX, Ordinance No. 110A Flood Damage Prevention |
| Bastrop County | Bastrop | Yes | Yes | Yes | Yes | Strong | Moderate | No | Bastrop County, TX Floodplain Management |
| Bastrop | Bastrop | Yes | Yes | Yes | Yes | Moderate | Moderate | No | Bastrop, TX, Article 3.17 Flood Damage Prevention |
| Elgin | Bastrop | Yes | Yes | Yes | Yes | | | No | Elgin, TX, Chapter 20 Article II Flood Damage Prevention |
| Smithville | Bastrop | Yes | Yes | Yes | | | | No | Smithville, TX, Article 3.04 Floodplain Management |
| Blanco County | Blanco | Yes | Yes | Yes | | Low | Moderate | No | |
| Johnson City | Blanco | Yes | Yes | Yes | | | | No | Johnson City, TX, Article 3.04 Flood Damage Prevention |
| Round Mountain | Blanco | No | No | No | | | | No | |
| Brazoria County | Brazoria | Yes | Yes | Yes | Yes | Strong | High | No | Brazoria County, TX Floodplain Department |
| Brazoria | Brazoria | Yes | Yes | Yes | | | | No | |
| Jones Creek | Brazoria | Yes | Yes | Yes | | | | No | |
| West Columbia | Brazoria | Yes | Yes | Yes | Yes | | | No | West Columbia, TX Floodplain Regulations Code of Ordinances |
| Brown County | Brown | Yes | Yes | Yes | | Strong | High | No | |
| Bangs | Brown | Yes | Yes | Yes | | | | No | Bangs, TX Article 3.03 Flood Damage Prevention |
| Blanket | Brown | Yes | Yes | Yes | | | | No | |
| Brownwood | Brown | Yes | Yes | Yes | Yes | | | No | |
| Early | Brown | Yes | Yes | Yes | Yes | Low | Low | No | Early, TX, Division 5-1, Flood Damage Prevention and Protection |
| Burnet County | Burnet | Yes | Yes | Yes | Yes | Moderate | Moderate | No | Burnet County, TX Article 1 Flood Damage Prevention Order |
| Burnet | Burnet | Yes | Yes | Yes | | | | No | Burnet, TX Ordinance 2016-33 Flood Damage Prevention |
| Cottonwood Shores | Burnet | Yes | Yes | Yes | | | | No | Cottonwood Shores, TX, Article 4.06 Flood Damage Prevention |
| Granite Shoals | Burnet | Yes | Yes | Yes | | | | No | Granite Shoals, TX, Chapter 20 Flood Prevention |
| Highland Haven | Burnet | Yes | Yes | Yes | Yes | | | No | Highland Haven, TX Ordinance 101 Floodplain Management |
| Marble Falls | Burnet | Yes | Yes | Yes | Yes | Strong | High | No | Marble Falls, TX Division 5.2 Flood Damage Prevention |
| Meadowlakes | Burnet | Yes | Yes | Yes | Yes | | | No | Meadowlakes, TX Chapter 18 Flood Damage Prevention |
| Caldwell County | Caldwell | Yes | Yes | Yes | | | | No | Caldwell County, TX Development Ordinance |
| Calhoun County | Calhoun | Yes | Yes | Yes | Yes | Moderate | Moderate | No | Calhoun County, TX Article 1 Flood Damage Prevention Order |
| Point Comfort | Calhoun | Yes | Yes | Yes | | | | No | Point Comfort, TX Chapter 14 Article III Flood Damage Prevention |
| Port Lavaca | Calhoun | Yes | Yes | Yes | | | | No | Port Lavaca, TX Chapter 12 Article III Flood Damage Prevention |
| Callahan County | Callahan | Yes | Yes | Yes | | Low | Low | No | |
| Cross Plains | Callahan | No | No | No | | | | No | |
| Coleman County | Coleman | Yes | Yes | Yes | | | | No | |
| Coleman | Coleman | Yes | Yes | Yes | | | | No | Coleman, TX, Article 3.07 Flood Damage Prevention |
| Novice | Coleman | No | No | No | | | | No | |
| Santa Anna | Coleman | No | No | No | | | | No | |
| Colorado County | Colorado | Yes | Yes | Yes | Yes | Strong | Moderate | No | Colorado County, TX Floodplain Management |
| Columbus | Colorado | Yes | Yes | Yes | | Moderate | Moderate | No | Columbus, TX Article 3.08 Flood Damage Prevention |
| Eagle Lake | Colorado | Yes | Yes | Yes | Yes | | | No | Eagle Lake, TX, Article 3.06 Flood Damage Prevention |
| Weimar | Colorado | Yes | Yes | Yes | | | | No | Weimar, TX, Article 3.06 Floodplain Management |
| Comanche County | Comanche | Yes | Yes | Yes | | | | No | |
| Concho County | Concho | Yes | Yes | Yes | | | | No | |
| Eden | Concho | Yes | Yes | Yes | | | | No | |
| DeWitt County | De Witt | Yes | Yes | Yes | | | | No | DeWitt County, TX Article 1 Flood Damage Prevention Order |
| Eastland County | Eastland | Yes | Yes | Yes | | | | No | Eastland County, TX Article 1 Flood Damage Prevention Order |
| Edwards County | Edwards | No | No | No | | | | No | |
| Rocksprings | Edwards | Yes | Yes | Yes | | | | No | |
| Fayette County | Fayette | Yes | Yes | Yes | Yes | Moderate | Low | No | Fayette County, Texas Floodplain Management |
| Carmine | Fayette | Yes | Yes | Yes | | | | No | |
| Fayetteville | Fayette | Yes | Yes | Yes | | | | No | |

TABLE 6: EXISTING FLOODPLAIN MANAGEMENT PRACTICES


| Entity Name ¹ | Entity County | Floodplain management regulations (Yes/ No/ Unknown) ¹ | Adopted minimum regulations pursuant to Texas Water Code Section 16.3145? (Yes/ No) ¹ | NFIP Participant (Yes/ No) ¹ | Higher Standards Adopted (Yes/ No) ² | Floodplain Management Practices (Strong/Moderate/ Low/None) ² | Level of enforcement of practices (High/Moderate/ Low/ None) ² | Existing Stormwater or Drainage Fee (Yes/No) ² | Web Link to Entity Regulations ² |
|--------------------------|---------------|---|--|---|---|--|---|---|--|
| Flatonia | Fayette | Yes | Yes | Yes | | | | No | Flatonia, TX Article 3.07 Flood Damage Prevention |
| La Grange | Fayette | Yes | Yes | Yes | Yes | Moderate | Moderate | No | La Grange, TX, Article 3.12 Flood Damage Prevention |
| Round Top | Fayette | Yes | Yes | Yes | | Low | High | No | Round Top, TX, Ordinance No 44 Flood Damage Prevention |
| Schulenburg | Fayette | Yes | Yes | Yes | | | | No | Schulenburg, TX, Article 3.07 Flood Damage Prevention |
| Fort Bend County | Fort Bend | Yes | Yes | Yes | | | | No | Fort Bend County, TX Flood Damage Prevention Regulations |
| Beasley | Fort Bend | Yes | Yes | Yes | | | | No | Beasley, TX Ordinance 2001-2-Flood Damage Prevention |
| Kendleton | Fort Bend | Yes | Yes | Yes | | | | No | |
| Needville | Fort Bend | Yes | Yes | Yes | | | | No | Needville, TX Chapter 38 Flood Prevention |
| Gillespie County | Gillespie | Yes | Yes | Yes | | Moderate | Low | No | Gillespie County, TX |
| Fredericksburg | Gillespie | Yes | Yes | Yes | Yes | | | Yes | Fredericksburg, TX Chapter 5 Article XI Flood Damage Prevention |
| Gonzales County | Gonzales | Yes | Yes | Yes | | | | No | Gonzales, TX Article 1 Flood Damage Prevention Order |
| Hays County | Hays | Yes | Yes | Yes | | | | No | Hays County, TX Floodplain Information |
| Bear Creek | Hays | Yes | Yes | Yes | | | | No | Bear Creek, TX Ordinance No 180219.001 Flood Prevention Ordinance |
| Buda | Hays | Yes | Yes | Yes | Yes | Moderate | Moderate | No | Buda, TX Unified Development Code |
| Dripping Springs | Hays | Yes | Yes | Yes | | | | No | |
| Hays | Hays | Yes | Yes | Yes | | | | No | |
| Mountain City | Hays | Yes | Yes | Yes | | | | No | |
| Jackson County | Jackson | Yes | Yes | Yes | Yes | Strong | High | No | Jackson County, TX Residential Floodplain Overview Program |
| Edna | Jackson | Yes | Yes | Yes | | | | No | Edna, TX, Article 3.06 Flood Damage Prevention |
| Ganado | Jackson | Yes | Yes | Yes | | | | No | Ganado, TX, Article 3.8 Flood Damage Prevention Regulations |
| La Ward | Jackson | Yes | Yes | Yes | | | | No | |
| Kendall County | Kendall | Yes | Yes | Yes | | | | No | Kendall County, TX Order No. 11-8-2010 Development Rules and Regulations |
| Kerr County | Kerr | Yes | Yes | Yes | | | | No | Kerr County, TX Subdivision Rules & Regulations |
| Kimble County | Kimble | Yes | Yes | Yes | | | | No | |
| Junction | Kimble | Yes | Yes | Yes | | | | No | Junction, TX Article 3.09 Flood Damage Prevention |
| Lampasas County | Lampasas | Yes | Yes | Yes | | | | No | Lampasas County, TX Subdivision Regulations |
| Lometa | Lampasas | No | No | No | | | | No | |
| Lavaca County | Lavaca | Yes | Yes | Yes | | | | No | Lavaca County, TX Article 1 Flood Damage Prevention Ordinance |
| Hallettsville | Lavaca | Yes | Yes | Yes | | | | No | Hallettsville, TX, Article 3.5 Flood Damage Prevention Regulations |
| Moulton | Lavaca | Yes | Yes | Yes | | | | No | |
| Shiner | Lavaca | Yes | Yes | Yes | | | | No | Shiner, TX, Article 3.07 Flood Damage Prevention |
| Yoakum | Lavaca | Yes | Yes | Yes | Yes | | | No | Yoakum, TX Chapter 16 Article II Flood Prevention and Control |
| Lee County | Lee | Yes | Yes | Yes | | | | No | Lee County, TX Article 1 Flood Damage Prevention Ordinance |
| Giddings | Lee | Yes | Yes | Yes | | | | No | Giddings, TX, Article 3.14 Flood Damage Prevention |
| Llano County | Llano | Yes | Yes | Yes | Yes | | | No | Llano County, TX Flood Damage Prevention Order |
| Horseshoe Bay | Llano | Yes | Yes | Yes | | | | No | Horseshoe Bay, TX, Article 3.05 Flood Damage Prevention |
| Llano | Llano | Yes | Yes | Yes | Yes | | | No | Llano, TX, Chapter 46 Article III Flood Damage Prevention |
| Sunrise Beach Village | Llano | Yes | Yes | Yes | | | | No | |
| Mason County | Mason | Yes | Yes | Yes | | | | No | |
| Mason | Mason | Yes | Yes | Yes | | | | No | |
| Matagorda County | Matagorda | Yes | Yes | Yes | Yes | | | No | |
| Bay City | Matagorda | Yes | Yes | Yes | Yes | | | No | Bay City, TX Chapter 46 Article II Flood Damage Prevention |
| Palacios | Matagorda | Yes | Yes | Yes | Yes | | | No | Palacios, TX Article 3.10 Flood Damage Prevention |
| Sweeny | Matagorda | Yes | Yes | Yes | | | | No | Sweeny, TX, Chapter 153 Flood Hazard Prevention |
| McCulloch County | McCulloch | No | No | No | | | | No | |
| Brady | McCulloch | Yes | Yes | Yes | Yes | Low | Low | No | Brady, TX Article 3.05 Flood Damage Prevention |
| Melvin | McCulloch | No | No | No | | | | No | |
| Menard County | Menard | Yes | Yes | Yes | | | | No | |
| Menard | Menard | Yes | Yes | Yes | | | | No | |
| Mills County | Mills | Yes | Yes | Yes | | None | None | No | Mills County, TX Article 1 Flood Damage Prevention Court Order |
| Goldthwaite | Mills | No | No | No | Yes | | | No | |
| Mullin | Mills | No | No | No | | | | No | |

TABLE 6: EXISTING FLOODPLAIN MANAGEMENT PRACTICES

| Entity Name ¹ | Entity County | Floodplain management regulations (Yes/ No/ Unknown) ¹ | Adopted minimum regulations pursuant to Texas Water Code Section 16.3145? (Yes/ No) ¹ | NFIP Participant (Yes/ No) ¹ | Higher Standards Adopted (Yes/ No) ² | Floodplain Management Practices (Strong/Moderate/ Low/None) ² | Level of enforcement of practices (High/Moderate/ Low/ None) ² | Existing Stormwater or Drainage Fee (Yes/No) ² | Web Link to Entity Regulations ² |
|--------------------------------|---------------|---|--|---|---|--|---|---|--|
| Real County | Real | Yes | Yes | Yes | | | | No | Real County, TX Floodplain Ordinance |
| Runnels County | Runnels | Yes | Yes | Yes | | | | No | |
| San Saba County | San Saba | Yes | Yes | Yes | | | | No | San Saba County, TX Order No 2015-1 Flood Damage Prevention |
| Richland Springs | San Saba | No | No | No | | | | No | |
| San Saba | San Saba | Yes | Yes | Yes | | Moderate | High | No | San Saba, TX, Article 3.04 Flood Damage Prevention |
| Schleicher County | Schleicher | Yes | Yes | Yes | | | | No | |
| Sutton County | Sutton | Yes | Yes | Yes | | | | No | |
| Taylor County | Taylor | Yes | Yes | Yes | | | | No | Taylor County, TX Article IX Flood Plain Requirements |
| Lawn | Taylor | No | No | No | | | | No | |
| Travis County | Travis | Yes | Yes | Yes | Yes | Strong | High | No | Travis County, TX Chapter 464 Regulations for Floodplain Management |
| Austin | Travis | Yes | Yes | Yes | Yes | Strong | High | Yes | Austin, TX Floodplain Management and Regulations |
| Bee Cave | Travis | Yes | Yes | Yes | Yes | Moderate | Low | No | Bee Cave, TX, Article 24.03 Flood Damage Prevention |
| Briarcliff | Travis | Yes | Yes | Yes | | | | No | Briarcliff, TX Floodplain Ordinance |
| Creedmoor | Travis | Yes | Yes | Yes | | | | No | |
| Jonestown | Travis | Yes | Yes | Yes | Yes | | | No | Jonestown, TX, Article 3.06 Flood Damage Prevention |
| Lago Vista | Travis | Yes | Yes | Yes | Yes | | | No | Lago Vista, TX Article 3.9 Flood Regulations |
| Lakeway | Travis | Yes | Yes | Yes | Yes | | | No | Lakeway, TX, Article 24.03 Flood Hazard Prevention |
| Manor | Travis | Yes | Yes | Yes | | | | No | Manor, TX Article 3.07 Flood Damage Prevention |
| Mustang Ridge | Travis | Yes | Yes | Yes | | | | No | |
| Pflugerville | Travis | Yes | Yes | Yes | Yes | Moderate | High | No | Pflugerville, TX, Chapter 151 Flood Damage Prevention |
| Point Venture | Travis | Yes | Yes | Yes | Yes | Strong | High | No | Point Venture, TX Article 4.05 Flood Damage Prevention |
| Rollingwood | Travis | Yes | Yes | Yes | | | | No | Rollingwood, TX Chapter 103 Article III Flood Damage Prevention |
| San Leanna | Travis | Yes | Yes | Yes | | | | No | |
| Sunset Valley | Travis | Yes | Yes | Yes | Yes | Low | | Yes | Sunset Valley, TX Chapter 5 Flood Loss Control |
| The Hills | Travis | Yes | Yes | Yes | Yes | | | No | The Hills, TX, Article 4.02 Flood Damage Prevention |
| Volente | Travis | Yes | Yes | Yes | | | | No | Volente, TX Resolution No 2003-R-07 Flood Damage Prevention Resolution |
| Webberville | Travis | No | No | No | | Moderate | Low | No | Webberville, TX, Ordinance No 2006-05 Flood Damage Prevention |
| West Lake Hills | Travis | Yes | Yes | Yes | | | | No | West Lake Hills, TX, Chapter 26 Flood Damage Prevention |
| Victoria County | Victoria | Yes | Yes | Yes | | | | No | Victoria County, TX Floodplain |
| Victoria | Victoria | Yes | Yes | Yes | | | | No | Victoria, TX Article V Provisions for Flood Hazard Reduction |
| Wharton County | Wharton | Yes | Yes | Yes | | | | No | Wharton County, TX Article 1 Flood Damage Prevention Ordinance |
| East Bernard | Wharton | Yes | Yes | Yes | Yes | | | No | East Bernard, TX Subdivision Policy 11-2 Flood Damage Prevention |
| El Campo | Wharton | Yes | Yes | Yes | Yes | | | No | El Campo, TX, Article 3.04 Flood Damage Prevention |
| Wharton | Wharton | Yes | Yes | Yes | Yes | | | No | Wharton, TX Chapter 18 Article VI Flood Damage Prevention |
| Lavaca-Navidad River Authority | Multiple | No | No | No | No | No | No | No | |
| Lower Colorado River Authority | Multiple | No | No | No | No | No | No | No | Highland Lakes Watershed Ordinance |
| Upper Colorado River Authority | Multiple | No | No | No | No | No | No | No | |

¹ At a minimum, the RFPs must list all counties, cities and communities in the region with flood related authority in the region and identify whether entity they have any established floodplain management practices.

² RFPs are not required to provide information for these fields and may choose to leave these fields blank.



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Lower Colorado-Lavaca Region Flood Mitigation and Floodplain Management Goals

| Goal ID | RFPG Number | RFPG Name | Goal | Term of Goal (Short Term, Long Term) | Target Year (2033, 2053) | Extent | Measurement Method | Residual Risk | Overarching Goal | Associated Goal IDs |
|----------|-------------|-----------------------|--|--------------------------------------|--------------------------|-------------|---|--|-----------------------------|---------------------|
| 10000001 | 10 | Lower Colorado-Lavaca | Increase the number of public outreach and educational communications and activities conducted by the RFPG to improve awareness of flood hazards and the benefits of flood planning in the Flood Planning Region. Goal = 260 communications over the next two cycles. | Short Term (10-year) | 2033 | Entire RFPG | Number of public communications (emails, social media, news blasts, public service announcements, educational packets, etc.) | Depends on lack of reach, lack of attention to detail, and misunderstanding. | Education and Outreach | NA |
| 10000002 | 10 | Lower Colorado-Lavaca | Increase the number of public outreach and educational communications and activities conducted by the RFPG to improve awareness of flood hazards and the benefits of flood planning in the Flood Planning Region. Maintain short-term goal. | Long Term (30-year) | 2053 | Entire RFPG | Number of public communications (emails, social media, news blasts, public service announcements, educational packets, etc.) | Depends on lack of reach, lack of attention to detail, and misunderstanding. | Education and Outreach | NA |
| 10000003 | 10 | Lower Colorado-Lavaca | Increase the number of cities and counties which utilize real-time data from regional or local flood monitoring systems (e.g., LCRA Hydromet, City of Austin Early Warning System) to enhance flood warning, readiness, and other preparedness activities. Establish a baseline through a survey of flood monitoring system users. | Short Term (10-year) | 2033 | Entire RFPG | Number of cities and counties which utilize real-time data from flood monitoring systems to improve flood preparedness. | Depends on public response to flood warnings | Flood Warning and Readiness | NA |
| 10000004 | 10 | Lower Colorado-Lavaca | Increase the number of cities and counties which utilize real-time data from regional or local flood monitoring systems (e.g., LCRA Hydromet, City of Austin Early Warning System) to enhance flood warning, readiness, and other preparedness activities. Increase from baseline. | Long Term (30-year) | 2053 | Entire RFPG | Number of cities and counties which utilize real-time data from flood monitoring systems to improve flood preparedness. | Depends on public response to flood warnings | Flood Warning and Readiness | NA |
| 10000005 | 10 | Lower Colorado-Lavaca | Increase the number of cities and counties that have updated watershed models and floodplain maps to reflect current data (e.g., Atlas 14 revised rainfall data). Increase number from 7 with an additional 60. | Short Term (10-year) | 2033 | Entire RFPG | Number of cities and counties that have updated watershed models and floodplain maps. | Risk associated with the floodplains may change over time (science and technology changes) | Flood Studies and Analysis | NA |
| 10000006 | 10 | Lower Colorado-Lavaca | Increase the number of cities and counties that have updated watershed models and floodplain maps to reflect current data (e.g., Atlas 14 revised rainfall data). Increase number from 67 with an additional 40. | Long Term (30-year) | 2053 | Entire RFPG | Number of cities and counties that have updated watershed models and floodplain maps. | Risk associated with the floodplains may change over time (science and technology changes) | Flood Studies and Analysis | NA |
| 10000007 | 10 | Lower Colorado-Lavaca | Increase the number of cities and counties that have evaluated priority flood risk areas and risk reduction measures (e.g., alternatives analysis and preliminary engineering). Increase number from 49 with an additional 26. | Short Term (10-year) | 2033 | Entire RFPG | Number of cities and counties that identify risk reduction measures. | Risk associated with the floodplains may change over time (science and technology changes) | Flood Studies and Analysis | NA |
| 10000008 | 10 | Lower Colorado-Lavaca | Increase the number of cities and counties that have evaluated priority flood risk areas and risk reduction measures (e.g., alternatives analysis and preliminary engineering). Increase number from 75 with an additional 40. | Long Term (30-year) | 2053 | Entire RFPG | Number of cities and counties that identify risk reduction measures. | Risk associated with the floodplains may change over time (science and technology changes) | Flood Studies and Analysis | NA |
| 10000009 | 10 | Lower Colorado-Lavaca | Increase the number of counties with digital flood insurance rate maps (DFIRMs) that reflect current conditions. Increase number from 19 with an additional 5. | Short Term (10-year) | 2033 | Entire RFPG | Number of counties that have digital flood insurance rate maps (DFIRMS). | Risk associated with the floodplains may change over time (science and technology changes) | Flood Studies and Analysis | NA |
| 10000010 | 10 | Lower Colorado-Lavaca | Increase the number of counties with digital flood insurance rate maps (DFIRMs) that reflect current conditions. Increase number from 24 with an additional 10. | Long Term (30-year) | 2053 | Entire RFPG | Number of counties that have digital flood insurance rate maps (DFIRMS). | Risk associated with the floodplains may change over time (science and technology changes) | Flood Studies and Analysis | NA |
| 10000011 | 10 | Lower Colorado-Lavaca | Increase the number of cities and counties participating in the National Flood Insurance Program (NFIP). Obtain 100% NFIP participation. | Short Term (10-year) | 2033 | Entire RFPG | Number of cities and counties that are participating in the NFIP. | Depends on the local community's floodplain management policies and political leaders | Flood Prevention | NA |
| 10000012 | 10 | Lower Colorado-Lavaca | Increase the number of cities and counties participating in the National Flood Insurance Program (NFIP). Maintain 100% NFIP participation. | Long Term (30-year) | 2053 | Entire RFPG | Number of cities and counties that are participating in the NFIP. | Depends on the local community's floodplain management policies and political leaders | Flood Prevention | NA |
| 10000013 | 10 | Lower Colorado-Lavaca | Increase the number of cities and counties that have adopted higher standards over and above NFIP minimum standards, including regulating to one or more feet above the Base Flood Elevation (BFE) for existing 1% annual chance event (100-year) conditions. Increase number from 40 with an additional 20. | Short Term (10-year) | 2033 | Entire RFPG | Number of cities and counties that regulate with higher standards (e.g., regulating to Base Flood Elevation (BFE) + 1 as part of the regulatory framework). | Depends on the local community's floodplain management policies and political leaders | Flood Prevention | NA |

TABLE 11: FLOOD MITIGATION AND FLOODPLAIN MANAGEMENT GOALS

| Goal ID | RFPG Number | RFPG Name | Goal | Term of Goal (Short Term, Long Term) | Target Year (2033, 2053) | Extent | Measurement Method | Residual Risk | Overarching Goal | Associated Goal IDs |
|----------|-------------|-----------------------|--|--------------------------------------|--------------------------|-------------|---|--|--|---------------------|
| 10000014 | 10 | Lower Colorado-Lavaca | Increase the number of cities and counties that have adopted higher standards over and above NFIP minimum standards, including regulating to one or more feet above the Base Flood Elevation (BFE) for existing 1% annual chance event (100-year) conditions. Increase number from 60 with an additional 20. | Long Term (30-year) | 2053 | Entire RFPG | Number of cities and counties that regulate with higher standards (e.g., regulating to Base Flood Elevation (BFE) + 1 as part of the regulatory framework). | Depends on the local community's floodplain management policies and political leaders | Flood Prevention | NA |
| 10000015 | 10 | Lower Colorado-Lavaca | Increase the number of cities and counties that have adopted regulations to reduce the risk from localized flooding. Establish a baseline. | Short Term (10-year) | 2033 | Entire RFPG | Number of cities and counties that have local drainage protection requirements in their development code. | Depends on the local community's floodplain management policies and political leaders | Flood Prevention | NA |
| 10000016 | 10 | Lower Colorado-Lavaca | Increase the number of cities and counties that have adopted regulations to reduce the risk from localized flooding. Increase baseline. | Long Term (30-year) | 2053 | Entire RFPG | Number of cities and counties that have local drainage protection requirements in their development code. | Depends on the local community's floodplain management policies and political leaders | Flood Prevention | NA |
| 10000017 | 10 | Lower Colorado-Lavaca | Increase the number of cities and counties which provide alternate compliance options that allow or incentivize nature-based solutions to reduce future flood risk. Establish a baseline. | Short Term (10-year) | 2033 | Entire RFPG | Number of entities that allow/incentivize nature-based solutions as part of alternate compliance. | Depends on the local community's floodplain management policies, enforcement and political leaders | Flood Prevention | NA |
| 10000018 | 10 | Lower Colorado-Lavaca | Increase the number of cities and counties which provide alternate compliance options that allow or incentivize nature-based solutions to reduce future flood risk. Increase baseline. | Long Term (30-year) | 2053 | Entire RFPG | Number of entities that allow/incentivize nature-based solutions as part of alternate compliance. | Depends on the local community's floodplain management policies, enforcement and political leaders | Flood Prevention | NA |
| 10000019 | 10 | Lower Colorado-Lavaca | Increase the number of cities and counties in the flood planning region considering the 1% annual chance (100-year) floodplain on the entity's future land use plans and development regulations. Establish a baseline. | Short Term (10-year) | 2033 | Entire RFPG | Number of cities and counties that consider 100-year floodplains on land use maps and development regulations. | Depends on the local community's floodplain management policies, enforcement and political leaders | Flood Prevention | NA |
| 10000020 | 10 | Lower Colorado-Lavaca | Increase the number of cities and counties in the flood planning region considering the 1% annual chance (100-year) floodplain on the entity's future land use plans and development regulations. Increase baseline. | Long Term (30-year) | 2053 | Entire RFPG | Number of cities and counties that consider 100-year floodplains on land use maps and development regulations. | Depends on the local community's floodplain management policies, enforcement and political leaders | Flood Prevention | NA |
| 10000021 | 10 | Lower Colorado-Lavaca | Reduce the number of structures at risk of flooding through property/easement acquisitions, relocations, flood-proofing, and/or elevation. Reduce 68,000 structures in 1% ACE by 1,000 structures. | Short Term (10-year) | 2033 | Entire RFPG | Number of at-risk structures mitigated by acquisitions, relocations, flood-proofing, and/or elevation. | Depends on level of application and/or participation in the non-structural solutions. | Non-Structural Flood Infrastructure Projects | NA |
| 10000022 | 10 | Lower Colorado-Lavaca | Reduce the number of structures at risk of flooding through property/easement acquisitions, relocations, flood-proofing, and/or elevation. Reduce 67,000 structures in 1% ACE by 1,500 structures. | Long Term (30-year) | 2053 | Entire RFPG | Number of at-risk structures mitigated by acquisitions, relocations, flood-proofing, and/or elevation. | Depends on level of application and/or participation in the non-structural solutions. | Non-Structural Flood Infrastructure Projects | NA |
| 10000023 | 10 | Lower Colorado-Lavaca | Increase the acreage of publicly protected open space in perpetuity to reduce future impacts of flooding through property buyouts, land conservation easements, acquisitions, or other comparable means. Increase 133,000 acres by 15%. | Short Term (10-year) | 2033 | Entire RFPG | Acreage of preserved land in the region. | Depends on level of application and/or participation in the non-structural solutions. | Non-Structural Flood Infrastructure Projects | NA |
| 10000024 | 10 | Lower Colorado-Lavaca | Increase the acreage of publicly protected open space in perpetuity to reduce future impacts of flooding through property buyouts, land conservation easements, acquisitions, or other comparable means. Increase by additional 25%. | Long Term (30-year) | 2053 | Entire RFPG | Acreage of preserved land in the region. | Depends on level of application and/or participation in the non-structural solutions. | Non-Structural Flood Infrastructure Projects | NA |
| 10000025 | 10 | Lower Colorado-Lavaca | Reduce the number of structures and critical facilities at risk of flooding by implementing structural flood mitigation projects. Reduce by 1,000 structures and 3 critical facilities. | Short Term (10-year) | 2033 | Entire RFPG | Number of at-risk structures mitigated by structural flood mitigation projects. | Depends on flood infrastructure improvements design capacity | Structural Flood Infrastructure Projects | NA |
| 10000026 | 10 | Lower Colorado-Lavaca | Reduce the number of structures and critical facilities at risk of flooding by implementing structural flood mitigation projects. Reduce by additional 1,500 structures and 5 critical facilities. | Long Term (30-year) | 2053 | Entire RFPG | Number of at-risk structures mitigated by structural flood mitigation projects. | Depends on flood infrastructure improvements design capacity | Structural Flood Infrastructure Projects | NA |
| 10000027 | 10 | Lower Colorado-Lavaca | Increase the number of entities that mitigate flood risk at vulnerable roadways or waterways (e.g., low-water crossings, irrigation canals). Establish a baseline. | Short Term (10-year) | 2033 | Entire RFPG | Number of entities that mitigate low-water crossings or vulnerable roadways or waterways. | Depends on flood infrastructure improvements design capacity | Structural Flood Infrastructure Projects | NA |
| 10000028 | 10 | Lower Colorado-Lavaca | Increase the number of entities that mitigate flood risk at vulnerable roadways or waterways (e.g., low-water crossings, irrigation canals). Increase baseline. | Long Term (30-year) | 2053 | Entire RFPG | Number of entities that mitigate low-water crossings or vulnerable roadways or waterways. | Depends on flood infrastructure improvements design capacity | Structural Flood Infrastructure Projects | NA |

Lower Colorado-Lavaca Region Potential Flood Management Evaluations Identified by RFPG

| FME ID | RFPG Number | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Sponsor ID | 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 (year) | Existing or Anticipated Maps (year) |
|-----------|-------------|-----------------------|---|--|---|----------|----------|--------------|----------------------------|--------------------|-----------------|---------------------------------|--------------------------------|------------|-------------------------|----------------|----------------------|--|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|---------------------------------------|-------------------------------------|
| 101000194 | 10 | Lower Colorado-Lavaca | Identify and Assess Flood Risk and Potential Mitigation Solutions for Low SVI Communities | Proactively seek out these communities to more fully assess and document their flood risk, consider potential solutions, and lay out a path to implement feasible and appropriate solutions. | 10000012, 10000014, 10000016, 10000018 | All | 0 | 0 | Multiple Watersheds | Watershed Planning | 24288.76 | Riverine, Coastal, Urban/ Local | Lower Colorado River Authority | 00000307 | Multiple | No | \$150,000 | Yes, Unknown | 67825 | 45799 | 149869 | 94 | 1132 | 0 | 2373.86 | 2268491.50 | Yes, Unknown | Yes, Unknown |
| 101000215 | 10 | Lower Colorado-Lavaca | Hill, Pecan, & Pine Street Drainage Improvements (DMP GB-04) | Evaluate proposed improvements to include H&H modeling with Atlas 14 rainfall, limited field survey and geotechnical investigations, prelim design of improvements, risk reduction analysis, NAI verification, cost estimate, BCA, and constraint evaluation | 10000007,10000008,10000025,10000026,10000027,10000028 | Bastrop | 12090301 | 120903010206 | Piney Creek-Colorado River | Project Planning | 0.07 | Urban/ Local | Bastrop | 10003203 | Multiple | No | \$600,000 | Yes, Unknown | 73 | 53 | 285 | 0 | 0 | 0 | 1.17 | 0.06 | No, Unknown | No, Unknown |
| 101000216 | 10 | Lower Colorado-Lavaca | Local Storm Drain Improvements Near Piney Creek (DMP PC-04) | Evaluate proposed improvements to include H&H modeling with Atlas 14 rainfall, limited field survey and geotechnical investigations, prelim design of improvements, risk reduction analysis, NAI verification, cost estimate, BCA, and constraint evaluation | 10000007,10000008,10000025,10000026,10000027,10000028 | Bastrop | 12090301 | 120903010205 | Piney Creek-Colorado River | Project Planning | 0.07 | Urban/ Local | Bastrop | 10003203 | Multiple | No | \$360,000 | Yes, Unknown | 83 | 77 | 119 | 0 | 0 | 0 | 1.33 | 1.23 | No, Unknown | No, Unknown |
| 101000217 | 10 | Lower Colorado-Lavaca | Pecan Street Bypass & Pond Diversion (DMP PC-05) | Evaluate proposed improvements to include H&H modeling with Atlas 14 rainfall, limited field survey and geotechnical investigations, prelim design of improvements, risk reduction analysis, NAI verification, cost estimate, BCA, and constraint evaluation | 10000007,10000008,10000025,10000026,10000027,10000028 | Bastrop | 12090301 | 120903010205 | Piney Creek-Colorado River | Project Planning | 0.11 | Urban/ Local | Bastrop | 10003203 | Multiple | No | \$1,700,000 | Yes, Unknown | 67 | 66 | 103 | 0 | 0 | 0 | 0.66 | 3.88 | No, Unknown | Yes, Unknown |
| 101000218 | 10 | Lower Colorado-Lavaca | Pecan, Beech, & Haysel Improvements to Gills Branch (DMP GB-05) | Evaluate proposed improvements to include H&H modeling with Atlas 14 rainfall, limited field survey and geotechnical investigations, prelim design of improvements, risk reduction analysis, NAI verification, cost estimate, BCA, and constraint evaluation | 10000007,10000008,10000025,10000026,10000027,10000028 | Bastrop | 12090301 | 120903010206 | Piney Creek-Colorado River | Project Planning | 0.05 | Urban/ Local | Bastrop | 10003203 | Multiple | No | \$1,400,000 | Yes, Unknown | 57 | 41 | 964 | 0 | 0 | 0 | 1.02 | 0.00 | No, Unknown | Yes, Unknown |

TABLE 12: POTENTIAL FLOOD MANAGEMENT EVALUATIONS

| FME ID | RFPG Number | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Sponsor ID | 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 (year) | Existing or Anticipated Maps (year) |
|-----------|-------------|-----------------------|---|--|---|----------|-------------------------|---------------------------|-------------------------------|------------------|-----------------|-----------------|----------------|------------|-------------------------|----------------|----------------------|--|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|---------------------------------------|-------------------------------------|
| 101000219 | 10 | Lower Colorado-Lavaca | Bastrop CCTV Storm Drain Evaluation (DMP COB-02) | Assess the existing storm drain infrastructure within the City of Bastrop utilizing closed-circuit television inspection. Analyze approximately 17,000' of storm drain infrastructure to develop a storm drain maintenance and improvement plan. | 10000007,10000008,10000025,10000026,10000027,10000028 | Bastrop | 12090301 | 120903010206,120903010205 | Piney Creek-Colorado River | Project Planning | 1.77 | Urban/ Local | Bastrop | 10003203 | Multiple | No | \$350,000 | Yes, Unknown | 659 | 526 | 2890 | 2 | 3 | 0 | 7.77 | 108.44 | No, Unknown | Yes, Unknown |
| 101000220 | 10 | Lower Colorado-Lavaca | Water, Spring, & Cedar Street Drainage Improvements (DMP GB-03) | Evaluate proposed improvements to include H&H modeling with Atlas 14 rainfall, limited field survey and geotechnical investigations, prelim design of improvements, risk reduction analysis, NAI verification, cost estimate, BCA, and constraint evaluation | 10000007,10000008,10000025,10000026,10000027,10000028 | Bastrop | 12090301 | 120903010206,120903010205 | Piney Creek-Colorado River | Project Planning | 0.22 | Urban/ Local | Bastrop | 10003203 | Multiple | No | \$1,800,000 | Yes, Unknown | 132 | 111 | 1188 | 1 | 0 | 0 | 1.71 | 0.73 | No, Unknown | Yes, Unknown |
| 101000246 | 10 | Lower Colorado-Lavaca | Riverwood Drive Improvements at Piney Creek (DMP PC-02) | Evaluate proposed improvements to include H&H modeling with Atlas 14 rainfall, limited field survey and geotechnical investigations, prelim design of improvements, risk reduction analysis, NAI verification, cost estimate, BCA, and constraint evaluation | 10000007,10000008,10000025,10000026,10000027,10000028 | Bastrop | 12090301 | 120903010204,120903010205 | Piney Creek-Colorado River | Project Planning | 0.26 | Riverine | Bastrop | 10003203 | Multiple | No | \$160,000 | Yes, Unknown | 10 | 6 | 8 | 1 | 1 | 0 | 0.54 | 85.48999786 | Yes, Unknown | Yes, Unknown |
| 101000002 | 10 | Lower Colorado-Lavaca | Shiloh Road Bridge West of State HWY 304 | Upgrade flow capacity | 10000027 | Bastrop | 12090301 | 0 | Lower Colorado - Cummins | Project Planning | 1.74 | Riverine | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 1 | 1 | 2 | 0 | 0 | 0 | 0.15 | 56.04 | Yes, Unknown | Yes, Unknown |
| 101000003 | 10 | Lower Colorado-Lavaca | Willie May Way in Precinct 4 at Trib | Replace CMPs with larger multi-box culvert | 10000027 | Bastrop | 12090301 | 0 | Lower Colorado - Cummins | Project Planning | 0.27 | Urban/ Local | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | Yes, Unknown | Yes, Unknown |
| 101000004 | 10 | Lower Colorado-Lavaca | Gotier Trace Low Water Crossing | Replace LWCs with box culverts | 10000027 | Bastrop | 12090301 | 0 | Alum Creek, Gravelly Creek | Project Planning | 1.21 | Riverine | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 2 | 2 | 3 | 0 | 0 | 0 | 1.34 | 162.91 | Yes, Unknown | Yes, Unknown |
| 101000005 | 10 | Lower Colorado-Lavaca | Lakeview Drive & Tuck Street | Drainage system improvements | 10000025 | Bastrop | 12090301 | 0 | Greens Creek - Cedar Creek | Project Planning | 0.56 | Riverine | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 47 | 40 | 115 | 0 | 0 | 0 | 0.38 | 61.84 | Yes, Unknown | Yes, Unknown |
| 101000006 | 10 | Lower Colorado-Lavaca | Green Valley Drive in Precinct 1 | LWC upgrade, Bridge | 10000027 | Bastrop | 12090301 | 0 | Lower Colorado - Cummins | Project Planning | 1.35 | Riverine | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 38 | 35 | 67 | 0 | 0 | 0 | 0.33 | 49.48 | Yes, Unknown | Yes, Unknown |
| 101000007 | 10 | Lower Colorado-Lavaca | Old McDade Rd in Precinct 4 near Norwood Rd | Box culvert replacement | 10000027 | Bastrop | 1000517,1000516,1000514 | 0 | Lower Colorado - Cummins | Project Planning | 4.54 | Riverine | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 237 | 207 | 443 | 1 | 2 | 0 | 3.63 | 296.65 | Yes, Unknown | Yes, Unknown |
| 101000008 | 10 | Lower Colorado-Lavaca | Clear Springs Lake Dam | Design & implement Clear Springs Lake Dam Improvements | 10000025 | Bastrop | 12090301 | 0 | Greens Creek - Cedar Creek | Project Planning | 0.00 | Riverine | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.12 | Yes, Unknown | Yes, Unknown |
| 101000009 | 10 | Lower Colorado-Lavaca | Pecan Shores Subdivision | Voluntary buyout of homes in 100-year FP (48 homes) | 10000021 | Bastrop | 12090301 | 0 | Willow Creek - Colorado River | Project Planning | 0.05 | Riverine | Bastrop County | 00000028 | Multiple | No | \$150,000 | Yes, Unknown | 12 | 10 | 22 | 0 | 0 | 0 | 0.43 | 17.68 | Yes, Unknown | Yes, Unknown |

TABLE 12: POTENTIAL FLOOD MANAGEMENT EVALUATIONS

| FME ID | RFPG Number | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Sponsor ID | 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 (year) | Existing or Anticipated Maps (year) |
|-----------|-------------|-----------------------|--|---|------------------|----------|---------------------------------|--------|---|--------------------|-----------------|------------------------|----------------|------------|-------------------------|----------------|----------------------|--|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|---------------------------------------|-------------------------------------|
| 101000010 | 10 | Lower Colorado-Lavaca | Hidden Shores Subdivision | Voluntary buyout of homes in floodway (22 homes) | 10000021 | Bastrop | 12090301 | 0 | Willow Creek - Colorado River, Little Piney Creek - Colorado River | Project Planning | 0.14 | Riverine | Bastrop County | 00000028 | Multiple | No | \$150,000 | Yes, Unknown | 39 | 39 | 68 | 0 | 0 | 0 | 1.13 | 67.89 | Yes, Unknown | Yes, Unknown |
| 101000011 | 10 | Lower Colorado-Lavaca | Waters Edge Terrace Subdivision | Voluntary buyout of homes in 100-year FP (12 homes) | 10000021 | Bastrop | 12090301 | 0 | Coleman Branch - Colorado River | Project Planning | 0.05 | Riverine | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 43 | 41 | 120 | 0 | 0 | 0 | 0.46 | 17.67 | Yes, Unknown | Yes, Unknown |
| 101000012 | 10 | Lower Colorado-Lavaca | Old Sayers Rd & Little Sandy Creek | LWC upgrade, Box culvert | 10000027 | Bastrop | 12090301 | 0 | Lower Colorado - Cummins | Project Planning | 0.63 | Riverine | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 1 | 0 | 0.19 | 105.47 | Yes, Unknown | Yes, Unknown |
| 101000013 | 10 | Lower Colorado-Lavaca | Paffen Rd & Grassy Creek Draw | CMP Upgrade, Cast-in-place multi-box (2) culvert-bridge | 10000027 | Bastrop | 12090301 | 0 | Lower Colorado - Cummins | Project Planning | 1.01 | Riverine | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.05 | 39.26 | Yes, Unknown | Yes, Unknown |
| 101000014 | 10 | Lower Colorado-Lavaca | Meduna Rd & Barton Oaks Draw 1 | LWC to Culvert, Cast-in-place box culvert-bridge | 10000027 | Bastrop | 12090301 | 0 | Lower Colorado - Cummins | Project Planning | 0.44 | Riverine | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.06 | 1.55 | Yes, Unknown | Yes, Unknown |
| 101000015 | 10 | Lower Colorado-Lavaca | Pine Canyon Dr & Wet Weather Creek | LWC to Culvert, Cast-in-place multi-box (2) culvert-bridge | 10000027 | Bastrop | 12090301 | 0 | Lower Colorado - Cummins | Project Planning | 0.20 | Urban/ Local | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | Yes, Unknown | Yes, Unknown |
| 101000016 | 10 | Lower Colorado-Lavaca | Hall Rd & Young's Branch | Upgrade Box-culvert bridge | 10000027 | Bastrop | 1000502,1000501 | 0 | Lower Colorado - Cummins | Project Planning | 7.94 | Riverine | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 2 | 1 | 3 | 0 | 0 | 0 | 0.21 | 418.55 | Yes, Unknown | Yes, Unknown |
| 101000018 | 10 | Lower Colorado-Lavaca | Patterson Rd & Barton's Creek | Wooden Bridge Upgrade, Box-culvert bridge | 10000027 | Bastrop | 1000501,1000476,1000502,1000500 | 0 | Lower Colorado - Cummins | Project Planning | 12.87 | Riverine | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 5 | 5 | 7 | 0 | 0 | 0 | 1.39 | 914.11 | Yes, Unknown | Yes, Unknown |
| 101000020 | 10 | Lower Colorado-Lavaca | Old Sayers Rd & Big Sandy Creek | LWC to Culvert Cast-in-place multi-box (2) culvert-bridge | 10000027 | Bastrop | 12090301 | 0 | Lower Colorado - Cummins | Project Planning | 19.50 | Riverine | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 90 | 72 | 191 | 0 | 1 | 0 | 2.32 | 894.32 | Yes, Unknown | Yes, Unknown |
| 101000028 | 10 | Lower Colorado-Lavaca | FM 812 at Alum Creek South | 100-ft bridge, 1700 LF of channelization | 10000025 | Bastrop | 12090301 | 0 | Alum Creek - Walnut Creek | Project Planning | 1.21 | Riverine | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 1 | 1 | 2 | 0 | 0 | 0 | 0.08 | 27.89 | Yes, Unknown | Yes, Unknown |
| 101000103 | 10 | Lower Colorado-Lavaca | Drainage System Improvements - JC Madison Addition | Drainage System Improvements - JC Madison Addition | 10000025 | Bastrop | 12090301 | 0 | Wilbarger Bend, Colorado River, Lower Wilbarger Creek, Big Sandy Creek - Colorado River | Project Planning | 48.24 | Riverine | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 103 | 78 | 241 | 0 | 0 | 0 | 3.68 | 5786.38 | Yes, Unknown | Yes, Unknown |
| 101000125 | 10 | Lower Colorado-Lavaca | Alum Creek - Tributary 8, Bowie Drive | Replace CMPs with larger multi-box culvert | 10000027 | Bastrop | 12090301 | 0 | Alum Creek | Project Planning | 0.67 | Riverine | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.02 | 6.08 | Yes, Unknown | Yes, Unknown |
| 101000155 | 10 | Lower Colorado-Lavaca | Taylor Lane Drainage Improvements | Upgrade to stormwater drainage system in the northeastern part of the city; capacity of existing drainage infrastructure in this area is insufficient as per current city drainage requirements | 10000025 | Bastrop | 12090301 | 0 | Elm Creek - Dry Creek, Little Sandy Creek, Little Sandy Creek - Big Sandy Creek | Project Planning | 2.09 | Riverine | Elgin | 10003201 | Multiple | No | \$100,000 | Yes, Unknown | 14 | 14 | 50 | 0 | 0 | 0 | 0.18 | 111.69 | Yes, Unknown | Yes, Unknown |
| 101000156 | 10 | Lower Colorado-Lavaca | Storm Water Detention at Morris Park | Storm Water Detention at Morris Park | 10000025 | Bastrop | 1000509,1000505,1000506,1000515 | 0 | Little Sandy Creek | Project Planning | 1.62 | Riverine | Elgin | 10003201 | Multiple | No | \$150,000 | Yes, Unknown | 66 | 54 | 209 | 0 | 0 | 0 | 0.77 | 15.43 | Yes, Unknown | Yes, Unknown |
| 101000001 | 10 | Lower Colorado-Lavaca | Willow-Gazley Local Drainage Alternative 3 | Drainage System Improvements | 10000025 | Bastrop | 12090301 | 0 | Willow Creek - Colorado River | Project Planning | 0.67 | Riverine, Urban/ Local | Smithville | 10002526 | Multiple | No | \$250,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | Yes, Unknown | Yes, Unknown |
| 101000026 | 10 | Lower Colorado-Lavaca | Smithville Recreation Center Expansion | Expand center to improve shelter-in-place capability | 10000004 | Bastrop | 1000502,1000501,1000503 | 0 | Willow Creek - Colorado River | Project Planning | 5.87 | Riverine | Smithville | 10002526 | Multiple | No | \$100,000 | Yes, Unknown | 65 | 40 | 629 | 0 | 0 | 0 | 2.14 | 402.50 | Yes, Unknown | Yes, Unknown |
| 101000104 | 10 | Lower Colorado-Lavaca | Citywide Drainage System Improvements | Citywide Drainage System Improvements | 10000025 | Bastrop | 12090301 | 0 | Willow Creek - Colorado River | Watershed Planning | 4.02 | Riverine | Smithville | 10002526 | Multiple | No | \$500,000 | Yes, Unknown | 83 | 48 | 616 | 0 | 0 | 0 | 3.79 | 335.36 | Yes, Unknown | Yes, Unknown |

TABLE 12: POTENTIAL FLOOD MANAGEMENT EVALUATIONS

| FME ID | RFPG Number | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Sponsor ID | 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 (year) | Existing or Anticipated Maps (year) |
|-----------|-------------|-----------------------|---|--|---------------------|---------------------------|--|--------|---|--------------------|-----------------|------------------------|--|------------|-------------------------|----------------|----------------------|--|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|---------------------------------------|-------------------------------------|
| 101000021 | 10 | Lower Colorado-Lavaca | Caldwell Rd & Wet Weather Creek | LWC to Culvert Cast-in-place multi-box (2) culvert-bridge | 10000027 | Bastrop, Caldwell, Travis | 1000518,1000497,1000495 | 0 | Lower Colorado - Cummins | Project Planning | 26.23 | Riverine | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 149 | 123 | 334 | 0 | 1 | 0 | 2.67 | 2401.85 | Yes, Unknown | Yes, Unknown |
| 101000017 | 10 | Lower Colorado-Lavaca | Friendship Rd & Turner Creek A and B | LWC to Culvert, Cast-in-place multi-box (3) culvert-bridge | 10000027 | Bastrop, Lee | 1000508,1000504 | 0 | Lower Colorado - Cummins | Project Planning | 4.75 | Riverine | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.49 | 457.98 | Yes, Unknown | Yes, Unknown |
| 101000019 | 10 | Lower Colorado-Lavaca | Upper Elgin River Rd & Cotton Creek | LWC to Culvert Cast-in-place multi-box (2) culvert-bridge | 10000027 | Bastrop, Travis | 1000512,1000510,1000506 | 0 | Lower Colorado - Cummins | Project Planning | 3.03 | Riverine | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 18 | 18 | 54 | 0 | 0 | 0 | 0.19 | 346.50 | Yes, Unknown | Yes, Unknown |
| 101000105 | 10 | Lower Colorado-Lavaca | Update and Maintain Emergency Management Plan | Update and Maintain Emergency Management Plan | 10000004 | Blanco | 12090201,12090205,12090206,12100201,12100203 | 0 | Multiple Watersheds | Preparedness | 710.98 | Riverine, Urban/ Local | Blanco County | 00000031 | Multiple | No | \$25,000 | Yes, Unknown | 294 | 181 | 592 | 0 | 35 | 0 | 5.93 | 25477.81 | Yes, Unknown | No, Unknown |
| 101000106 | 10 | Lower Colorado-Lavaca | Various Locations - Upgrade Low Water Crossings | Various Locations - Upgrade Low Water Crossings | 10000027 | Blanco | 12090201,12090205,12090206,12100201,12100203 | 0 | Multiple Watersheds | Project Planning | 710.98 | Riverine, Urban/ Local | Blanco County | 00000031 | Multiple | No | \$100,000 | Yes, Unknown | 294 | 181 | 592 | 0 | 35 | 0 | 5.93 | 25477.81 | Yes, Unknown | No, Unknown |
| 101000107 | 10 | Lower Colorado-Lavaca | Citywide Drainage Plan | City Drainage Plan | 10000007 | Blanco | 12090206 | 0 | Pedernales | Watershed Planning | 1.80 | Riverine | Johnson City | 10003338 | Multiple | No | \$250,000 | Yes, Unknown | 48 | 29 | 394 | 0 | 3 | 0 | 0.00 | 67.50 | Yes, Unknown | No, Unknown |
| 101000108 | 10 | Lower Colorado-Lavaca | Develop New/Updated Floodplain Maps | Develop New/Updated Floodplain Maps | 10000016 | Blanco | 12090206 | 0 | Towhead Creek - Pedernales River, Cottonwood Creek - Pedernales River | Watershed Planning | 1.80 | Riverine | Johnson City | 10003338 | Multiple | No | \$250,000 | Yes, Unknown | 48 | 29 | 394 | 0 | 3 | 0 | 0.00 | 67.50 | Yes, Unknown | No, Unknown |
| 101000136 | 10 | Lower Colorado-Lavaca | Highway Drainage | Highway 36 drainage ditches to be widened/reshaped, upgrade culverts | 10000027 | Brazoria | 12090401,12070104 | 0 | Mound Creek, Bell Creek | Project Planning | 34.20 | Riverine, Coastal | Jones Creek | 10002982 | Multiple | No | \$100,000 | Yes, Unknown | 999 | 797 | 1420 | 3 | 0 | 0 | 23.10 | 2546.68 | Yes, Unknown | No, Unknown |
| 101000109 | 10 | Lower Colorado-Lavaca | CR 332 Drainage Improvements | Implement drainage improvement program along CR 332 | 10000025 | Brazoria | 12090402,12090401 | 0 | East Matagorda Bay, Bell Creek - San Bernard River | Project Planning | 0.21 | Riverine | Sweeny | 10003099 | Multiple | No | \$50,000 | Yes, Unknown | 9 | 8 | 16 | 0 | 0 | 0 | 2.89 | 14.67 | Yes, Unknown | Yes, Unknown |
| 101000110 | 10 | Lower Colorado-Lavaca | Various Culverts Along Stevenson Slough | Enlarge culverts along Stevenson Slough | 10000025 | Brazoria | 12090402,12090401 | 0 | East Matagorda Bay, Bell Creek - San Bernard River | Project Planning | 3.08 | Riverine | Sweeny | 10003099 | Multiple | No | \$125,000 | Yes, Unknown | 205 | 165 | 296 | 0 | 0 | 0 | 3.80 | 334.60 | Yes, Unknown | Yes, Unknown |
| 101000214 | 10 | Lower Colorado-Lavaca | West Brazoria County Drainage District #11 | Watershed Study | 100000021,100000025 | Brazoria | 12090401,12090402 | 0 | San Bernard River | Watershed Planning | 506.66 | Riverine | West Brazoria County Drainage District #11 | 00001801 | Multiple | No | \$990,000 | Yes, Unknown | 7737 | 5901 | 11719 | 10 | 2 | 0 | 219.73 | 37018.34 | No, Unknown | Yes, Unknown |
| 101000137 | 10 | Lower Colorado-Lavaca | CR257 at Pecan Bayou (Tenmile Crossing) | Upgrade CR 257 over Pecan Bayou to higher level of service (per TxDOT HDM) | 10000002 | Brown | 1000399 | 0 | Double Creek - Pecan Bayou | Project Planning | 2.23 | Riverine | Brown County | 00000146 | Multiple | No | \$100,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.59 | 1171.39 | Yes, Unknown | Yes, Unknown |
| 101000029 | 10 | Lower Colorado-Lavaca | Magnolia St | Magnolia Ditch Project, Construction of ditch & culvert | 10000025 | Brown | 12090107 | 0 | Delaware Creek - Pecan Bayou | Project Planning | 0.07 | Riverine | Brownwood | 10002887 | Multiple | No | \$100,000 | Yes, Unknown | 27 | 27 | 276 | 0 | 0 | 0 | 0.66 | 7.21 | Yes, Unknown | Yes, Unknown |
| 101000111 | 10 | Lower Colorado-Lavaca | Adopt Flood Insurance Rate Maps | Adopt DFIRM | 10000009 | Brown | 12090107 | 0 | Elm Creek - Pecan Bayou, Adams Branch - Pecan Bayou, Delaware Creek - Pecan Bayou | Watershed Planning | 14.82 | Riverine | Brownwood | 10002887 | Multiple | No | \$250,000 | Yes, Unknown | 1220 | 889 | 4826 | 2 | 12 | 0 | 29.44 | 1404.40 | Yes, Unknown | Yes, Unknown |
| 101000112 | 10 | Lower Colorado-Lavaca | Willis Creek Detention | Willis Creek Detention construction | 10000025 | Brown | 12090106,12090107 | 0 | Pecan Bayou | Project Planning | 26.81 | Riverine | Brownwood | 10002887 | Multiple | No | \$250,000 | Yes, Unknown | 758 | 661 | 2415 | 1 | 2 | 0 | 14.13 | 1350.16 | Yes, Unknown | Yes, Unknown |

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|-----------|-------------|-----------------------|---|--|-------------------------------------|----------|------------------------------|--------|--|--------------------|-----------------|-----------------|---------------|------------|-------------------------|----------------|----------------------|--|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|---------------------------------------|-------------------------------------|
| 101000160 | 10 | Lower Colorado-Lavaca | Delaware Creek Flood Study | Flood-prone problem area in need of flood study, identified on sponsor outreach call. Lift station here also in need of a generator | 10000005 | Brown | 12090107 | 0 | Delaware Creek - Pecan Bayou | Watershed Planning | 10.50 | Riverine | Brownwood | 10002887 | Multiple | No | \$150,000 | Yes, Unknown | 54 | 34 | 74 | 0 | 0 | 0 | 2.21 | 760.25 | Yes, Unknown | Yes, Unknown |
| 101000159 | 10 | Lower Colorado-Lavaca | Wastewater Treatment Plant Flood Study | Flood-prone problem area in need of flood study, identified on sponsor outreach call. Area also in need of a generator | 10000005 | Burnet | 12090205 | 0 | Headwaters Hamilton Creek | Project Planning | 0.06 | Riverine | Burnet | 00003107 | Multiple | No | \$150,000 | Yes, Unknown | 3 | 0 | 3 | 0 | 0 | 0 | 0.15 | 11.99 | Yes, Unknown | Yes, Unknown |
| 101000161 | 10 | Lower Colorado-Lavaca | VFW Flood Study | Flood-prone problem area in need of flood study, identified on sponsor outreach call. | 10000005 | Burnet | 12090205 | 0 | Headwaters Hamilton Creek | Project Planning | 0.00 | Urban/ Local | Burnet | 00003107 | Multiple | No | \$100,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Yes, Unknown | Yes, Unknown |
| 101000138 | 10 | Lower Colorado-Lavaca | Dam Emergency Action Plan | Dam Emergency Action Plan | 10000004 | Burnet | 12090201, 12090205, 12070205 | 0 | Clear Creek - Inks Lake, Headwaters Hamilton Creek | Preparedness | 10.79 | Riverine | Burnet | 00003107 | Multiple | No | \$50,000 | Yes, Unknown | 187 | 127 | 514 | 0 | 8 | 0 | 4.18 | 589.16 | Yes, Unknown | Yes, Unknown |
| 101000221 | 10 | Lower Colorado-Lavaca | Burnet County Lower Water Crossing Assessment | Assessment of LWC's includes the evaluation of existing condition LOS, average daily traffic, and emergency access routes to understand risk of each crossing. Post-assessment, LWC's can be prioritized to support future implementation of improvements | 10000007,10000008,10000027,10000028 | Burnet | 12090205, 12090201, 1209020 | 0 | Austin-Travis Lakes, Buchanan-Lyndon B. Johnson Lakes Pedernales | Project Planning | 533.64 | Riverine | Burnet County | 00000049 | Multiple | No | \$150,000 | Yes, Unknown | 3799 | 3003 | 6359 | 4 | 69 | 0 | 34.19 | 16335.44 | Yes, Unknown | Yes, Unknown |
| 101000222 | 10 | Lower Colorado-Lavaca | Burnet County Modeling and Mapping Update | The study should include the development of updated hydrologic and hydraulic models utilizing the best available science and data. Updated floodplain maps can then be used for regulation and update of outdated FEMA maps in this portion of Burnet County | 10000007,10000008,10000027,10000028 | Burnet | 12090205, 12090201, 1209020 | 0 | Piney Creek-Colorado River | Project Planning | 533.64 | Riverine | Burnet County | 00000049 | Multiple | No | \$4,000,000 | Yes, Unknown | 3799 | 3003 | 6359 | 4 | 69 | 0 | 34.1899986 | 16335.44043 | Yes, Unknown | Yes, Unknown |
| 101000032 | 10 | Lower Colorado-Lavaca | Mission Hills Street | Build bridge at Mission Hills Street creek x-ing | 10000027 | Burnet | 12090205 | 0 | Backbone Creek | Project Planning | 4.21 | Riverine | Marble Falls | 10003109 | Multiple | No | \$100,000 | Yes, Unknown | 60 | 2 | 748 | 0 | 3 | 0 | 0.81 | 147.18 | Yes, Unknown | No, Unknown |
| 101000166 | 10 | Lower Colorado-Lavaca | Ave J Bridge Replacement | Replace bridge that heavily floods and was damaged during 2018 flood event. | 10000025 | Burnet | 12090201, 12090205 | 0 | Backbone Creek | Project Planning | 40.20 | Riverine | Marble Falls | 10003109 | Multiple | No | \$100,000 | Yes, Unknown | 405 | 233 | 2006 | 1 | 29 | 0 | 10.63 | 1984.24 | Yes, Unknown | No, Unknown |
| 101000168 | 10 | Lower Colorado-Lavaca | 1431/281 Detention | This project would be in partnership with TxDOT. TxDOT is looking at installing a right turn lane on northbound 281 onto 1431. This would require acquisition of the properties in the vicinity, as the businesses would no longer be able to function. | 10000025 | Burnet | 12090205 | 0 | Backbone Creek | Project Planning | 1.20 | Riverine | Marble Falls | 10003109 | Multiple | No | \$150,000 | Yes, Unknown | 5 | 1 | 16 | 0 | 1 | 0 | 0.12 | 23.44 | Yes, Unknown | No, Unknown |

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| FME ID | RFPG Number | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Sponsor ID | 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 (year) | Existing or Anticipated Maps (year) |
|-----------|-------------|-----------------------|---|--|------------------|-----------|--|--------|--|--------------------|-----------------|------------------------|------------------|------------|-------------------------|----------------|----------------------|--|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|---------------------------------------|-------------------------------------|
| 101000169 | 10 | Lower Colorado-Lavaca | Backbone Branch Detention Pond | Regional Detention Pond Along Backbone Creek | 10000025 | Burnet | 12090201, 12090205 | 0 | Backbone Creek | Project Planning | 30.04 | Riverine | Marble Falls | 10003109 | Multiple | No | \$150,000 | Yes, Unknown | 172 | 120 | 173 | 0 | 3 | 0 | 4.11 | 1647.46 | Yes, Unknown | No, Unknown |
| 101000170 | 10 | Lower Colorado-Lavaca | Marble Falls Creek Walk | The creek walk would be on the Whitman Branch in Downtown Marble Falls. It would include flood reduction, pedestrian access/trails, and education. | 10000025 | Burnet | 12090205 | 0 | Hamilton Creek - Lake Travis | Project Planning | 5.80 | Riverine | Marble Falls | 10003109 | Multiple | No | \$100,000 | Yes, Unknown | 80 | 5 | 821 | 0 | 14 | 0 | 2.07 | 171.42 | Yes, Unknown | No, Unknown |
| 101000171 | 10 | Lower Colorado-Lavaca | Citywide Floodplain Remapping | Floodplain remapping of the entire city using Atlas 14 rainfall data. | 10000005 | Burnet | 12090205 | 0 | Lake Marble Falls, Flatrock Creek - Lake Travis | Watershed Planning | 7.13 | Riverine | Marble Falls | 10003109 | Multiple | No | \$250,000 | Yes, Unknown | 158 | 157 | 322 | 0 | 1 | 0 | 2.29 | 331.79 | Yes, Unknown | Yes, Unknown |
| 101000172 | 10 | Lower Colorado-Lavaca | 2nd Street at Backbone Creek Low Water Crossing | This route regularly floods and is an emergency vehicle response route as well as a truck route. | 10000025 | Burnet | 12090205 | 0 | Backbone Creek | Project Planning | 2.28 | Riverine | Marble Falls | 10003109 | Multiple | No | \$100,000 | Yes, Unknown | 78 | 8 | 717 | 0 | 13 | 0 | 1.87 | 45.07 | Yes, Unknown | No, Unknown |
| 101000173 | 10 | Lower Colorado-Lavaca | Ave L at Whitman Creek Low Water Crossing | This crossing is regularly closed due to flooding. | 10000025 | Burnet | 12090205 | 0 | Backbone Creek | Project Planning | 2.33 | Riverine | Marble Falls | 10003109 | Multiple | No | \$100,000 | Yes, Unknown | 86 | 14 | 724 | 0 | 14 | 0 | 2.39 | 45.07 | Yes, Unknown | No, Unknown |
| 101000174 | 10 | Lower Colorado-Lavaca | Broadway at Backbone Creek Low Water Crossing | This crossing frequently floods and is right by Marble Falls Elementary. | 10000025 | Burnet | 12090201, 12090205 | 0 | Backbone Creek | Project Planning | 31.97 | Riverine | Marble Falls | 10003109 | Multiple | No | \$100,000 | Yes, Unknown | 202 | 141 | 966 | 1 | 6 | 0 | 4.77 | 1749.27 | Yes, Unknown | No, Unknown |
| 101000223 | 10 | Lower Colorado-Lavaca | Caldwell County Flood Early Warning System | Review of existing flood early warning system equipment, procedures, and training | 10000003 | Caldwell | 12090301 | 0 | Walnut Creek-Cedar Creek, Plum Creek, Upper San Marcos River, and Lower San Marcos River | Project Planning | 544.69 | Riverine | Caldwell County | 00000016 | Multiple | No | \$50,000 | Yes, Unknown | 99 | 62 | 113 | 0 | 1 | 0 | 3.6211071 | 4278.59 | No, Unknown | Yes, Unknown |
| 101000224 | 10 | Lower Colorado-Lavaca | Lytton Springs Creek Near CR 174 | Preliminary engineering study to evaluate potential mitigation actions at low water crossing | 10000025 | Caldwell | 12090301 | 0 | Lytton Springs Creek | Project Planning | 0.11 | Riverine | Caldwell County | 00000016 | Multiple | No | \$40,000 | Yes, Unknown | 12 | 6 | 13 | 0 | 0 | 0 | 0.02 | 51.14 | No, Unknown | Yes, Unknown |
| 101000225 | 10 | Lower Colorado-Lavaca | CR175 @ Cedar Creek Trib 1 | Preliminary engineering study to evaluate potential mitigation actions at low water crossing | 10000025 | Caldwell | 12090301 | 0 | Cedar Creek | Project Planning | 0.14 | Riverine | Caldwell County | 00000016 | Multiple | No | \$40,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.2078331 | 59.04 | No, Unknown | Yes, Unknown |
| 101000118 | 10 | Lower Colorado-Lavaca | Sandy Oaks Subdivision | Sandy Oaks Subdivision | 10000007 | Colorado | 12090302, 12090401, 12090301, 12100102 | 0 | Multiple Watersheds | Project Planning | 970.58 | Riverine | Colorado County | 10000012 | Multiple | No | \$100,000 | Yes, Unknown | 2103 | 1079 | 3616 | 6 | 11 | 0 | 118.81 | 105661.77 | Yes, Unknown | Yes, Unknown |
| 101000119 | 10 | Lower Colorado-Lavaca | Frisch Auf Buyout | Buyout all property in Frisch Auf Floodplain | 10000021 | Fayette | 12090301, 12100102 | 0 | Lower Buckners Creek | Project Planning | 54.14 | Riverine | Fayette County | 00000019 | Multiple | No | \$100,000 | Yes, Unknown | 91 | 49 | 85 | 0 | 1 | 0 | 4.00 | 5822.63 | Yes, Unknown | Yes, Unknown |
| 101000120 | 10 | Lower Colorado-Lavaca | Flood Proof Wastewater Treatment Plants | Flood Proof Wastewater Treatment Plants | 10000004 | Fayette | 12100202, 12100102 | 0 | Mulberry Creek - West Navidad River | Project Planning | 1.67 | Riverine, Urban/ Local | Flatonia | 00003060 | Multiple | No | \$50,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | Yes, Unknown | No, Unknown |
| 101000121 | 10 | Lower Colorado-Lavaca | Various Streets - Install Flood Early Warning Systems | High water barricades in several locations | 10000004 | Fort Bend | 12090401, 12070104 | 0 | Multiple Watersheds | Preparedness | 882.72 | Riverine | Fort Bend County | 00000009 | Multiple | No | \$150,000 | Yes, Unknown | 582 | 393 | 628 | 0 | 0 | 0 | 26.03 | 15359.06 | Yes, Unknown | No, Unknown |
| 101000034 | 10 | Lower Colorado-Lavaca | Lump Rd, Hilltop Rd, FM 2919 N | Feasibility study of LWCs | 10000027 | Fort Bend | 12090401 | 0 | Boone Branch - San Bernard River | Project Planning | 1.41 | Riverine | Kendleton | 10002924 | Multiple | No | \$100,000 | Yes, Unknown | 11 | 9 | 14 | 0 | 0 | 0 | 0.85 | 69.41 | Yes, Unknown | Yes, Unknown |

TABLE 12: POTENTIAL FLOOD MANAGEMENT EVALUATIONS

| FME ID | RFPG Number | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Sponsor ID | 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 (year) | Existing or Anticipated Maps (year) |
|-----------|-------------|-----------------------|---|--|--------------------|-----------|---------------------------------------|--------|--------------------------------------|------------------|-----------------|-----------------|----------------|------------|-------------------------|----------------|----------------------|--|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|---------------------------------------|-------------------------------------|
| 101000035 | 10 | Lower Colorado-Lavaca | Drainage Improvements to Crawford Outlet Right-of-Way | Drainage Improvements to Crawford Outlet Right-of-Way | 10000025 | Fort Bend | 12090401 | 0 | Boone Branch - San Bernard River | Project Planning | 1.41 | Urban/ Local | Kendleton | 10002924 | Multiple | No | \$50,000 | Yes, Unknown | 11 | 9 | 14 | 0 | 0 | 0 | 0.85 | 69.41 | Yes, Unknown | Yes, Unknown |
| 101000037 | 10 | Lower Colorado-Lavaca | Gene and Church Streets | Install Culverts | 10000025 | Fort Bend | 12090401, 12070104 | 0 | Cedar Creek | Project Planning | 0.16 | Riverine | Needville | 00002935 | Multiple | No | \$50,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | Yes, Unknown | Yes, Unknown |
| 101000230 | 10 | Lower Colorado-Lavaca | Fairchild Creek Drainage Mitigation Study | The southwest portion of the City of Needville and its extraterritorial jurisdiction has been defined as a major flooding area. Prelim. drainage investigations suggest flooding is caused by interconnection of Buffalo and Fairchild Creek watersheds. | 10000025, 10000027 | Fort Bend | 12090401 | 0 | San Bernard, Lower Brazos Watersheds | Project Planning | 92.55 | Riverine | Needville | 00002935 | Multiple | No | \$100,000 | Yes, Unknown | 76 | 48 | 82 | 0 | 0 | 0 | 2.982358 | 3222.31 | No, Unknown | Yes, Unknown |
| 101000229 | 10 | Lower Colorado-Lavaca | Needville Wastewater Treatment Plant Floodproofing | WWTP located adjacent to Buffalo Creek in the City of Needville. No reported loss of service events in initial outreach, but area needs further detailed study to assess existing flood risk and evaluate projects for future flood planning cycles. | 10000005, 10000025 | Fort Bend | 12090401 | 0 | Cedar Creek, San Bernard Watershed | Project Planning | 45.66 | Riverine | Needville | 00002935 | Multiple | No | \$100,000 | Yes, Unknown | 76 | 48 | 82 | 0 | 0 | 0 | 2.982358 | 3222.31 | No, Unknown | Yes, Unknown |
| 101000038 | 10 | Lower Colorado-Lavaca | 800 Block W San Antonio | Channels, drop structures, & 2 box culverts: 7' x 4' | 10000027 | Gillespie | 1000276,1000275,100257,100277,1000259 | 0 | Barons Creek | Project Planning | 11.67 | Riverine | Fredericksburg | 10002910 | Multiple | No | \$50,000 | Yes, Unknown | 138 | 96 | 491 | 0 | 6 | 0 | 0.00 | 409.13 | Yes, Unknown | Yes, Unknown |
| 101000039 | 10 | Lower Colorado-Lavaca | South End of Acorn Street | Rollup curb at driveway edge | 10000025 | Gillespie | 1000276,1000275,100257,100277,1000259 | 0 | Barons Creek | Project Planning | 11.67 | Riverine | Fredericksburg | 10002910 | Multiple | No | \$50,000 | Yes, Unknown | 138 | 96 | 491 | 0 | 6 | 0 | 0.00 | 409.13 | Yes, Unknown | Yes, Unknown |
| 101000042 | 10 | Lower Colorado-Lavaca | Bowie & Peach Street | Storm sewer system & curb inlets with two 36" RCPs | 10000025 | Gillespie | 1000276,1000275,100257,100277,1000259 | 0 | Barons Creek | Project Planning | 11.67 | Riverine | Fredericksburg | 10002910 | Multiple | No | \$100,000 | Yes, Unknown | 138 | 96 | 491 | 0 | 6 | 0 | 0.00 | 409.13 | Yes, Unknown | Yes, Unknown |
| 101000043 | 10 | Lower Colorado-Lavaca | Barons Creek Watershed - Southwest City | Replace culverts: two 8' x 3' box culverts Add concrete channel | 10000025 | Gillespie | 12090206 | 0 | Pedernales | Project Planning | 0.47 | Riverine | Fredericksburg | 10002910 | Multiple | No | \$150,000 | Yes, Unknown | 9 | 6 | 13 | 0 | 1 | 0 | 0.00 | 42.40 | Yes, Unknown | Yes, Unknown |
| 101000044 | 10 | Lower Colorado-Lavaca | 112 W Park | Extend curb to direct water to new vegetated channel with drop structure outfall to Barons Creek | 10000025 | Gillespie | 1000276,1000275,100257,100277,1000259 | 0 | Barons Creek | Project Planning | 11.67 | Riverine | Fredericksburg | 10002910 | Multiple | No | \$50,000 | Yes, Unknown | 138 | 96 | 491 | 0 | 6 | 0 | 0.00 | 409.13 | Yes, Unknown | Yes, Unknown |
| 101000048 | 10 | Lower Colorado-Lavaca | Trailmoor near Llano Hwy | Add stormwater system throughout watershed | 10000025 | Gillespie | 1000276,1000275,100257,100277,1000259 | 0 | Barons Creek | Project Planning | 11.67 | Riverine | Fredericksburg | 10002910 | Multiple | No | \$250,000 | Yes, Unknown | 138 | 96 | 491 | 0 | 6 | 0 | 0.00 | 409.13 | Yes, Unknown | Yes, Unknown |
| 101000050 | 10 | Lower Colorado-Lavaca | Drainage Channel near EMS Building | Drop structure with utility encasement | 10000025 | Gillespie | 1000259,1000257,1000275 | 0 | Muesebach Creek - Pedernales River | Project Planning | 4.34 | Riverine | Fredericksburg | 10002910 | Multiple | No | \$50,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 154.48 | Yes, Unknown | Yes, Unknown |
| 101000051 | 10 | Lower Colorado-Lavaca | Bob White Trail | Replace ex culverts with two 24" RCPs; regrade channel; replace driveway culverts | 10000027 | Gillespie | 1000259,1000275 | 0 | Muesebach Creek - Pedernales River | Project Planning | 0.88 | Riverine | Fredericksburg | 10002910 | Multiple | No | \$50,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | Yes, Unknown | Yes, Unknown |
| 101000053 | 10 | Lower Colorado-Lavaca | N Edison Low Water Crossing | Raise N Edison at Schubert; redesign intersection; install FEWS with automatic gates & flashers | 10000004 | Gillespie | 1000276,1000275,100257,100277,1000259 | 0 | Barons Creek | Project Planning | 11.67 | Riverine | Fredericksburg | 10002910 | Multiple | No | \$15,000 | Yes, Unknown | 138 | 96 | 491 | 0 | 6 | 0 | 0.00 | 409.13 | Yes, Unknown | Yes, Unknown |

TABLE 12: POTENTIAL FLOOD MANAGEMENT EVALUATIONS

| FME ID | RFPG Number | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Sponsor ID | 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 (year) | Existing or Anticipated Maps (year) |
|-----------|-------------|-----------------------|------------------------------------|--|------------------|-----------|--|--------|------------------------------------|--------------------|-----------------|------------------------|------------------|------------|-------------------------|----------------|----------------------|--|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|---------------------------------------|-------------------------------------|
| 101000054 | 10 | Lower Colorado-Lavaca | Schubert Low Water Crossing | Lower channel by 4-5' with drop structures; install five 9'x5' culverts | 10000025 | Gillespie | 1000276,1000275,100257,100277,1000259 | 0 | Barons Creek | Project Planning | 11.67 | Riverine | Fredericksburg | 10002910 | Multiple | No | \$50,000 | Yes, Unknown | 138 | 96 | 491 | 0 | 6 | 0 | 0.00 | 409.13 | Yes, Unknown | Yes, Unknown |
| 101000055 | 10 | Lower Colorado-Lavaca | 200 Block N Orange | Concrete apron; pedestrian/guard rail; relocate DS concrete enclosed utility or extend protection to cover utility | 10000025 | Gillespie | 1000276,1000275,100257,100277,1000259 | 0 | Barons Creek | Project Planning | 11.67 | Riverine | Fredericksburg | 10002910 | Multiple | No | \$50,000 | Yes, Unknown | 138 | 96 | 491 | 0 | 6 | 0 | 0.00 | 409.13 | Yes, Unknown | Yes, Unknown |
| 101000056 | 10 | Lower Colorado-Lavaca | Crockett Street South of Travis | Capture flow with curb/drop inlets along Travis, Crockett, Austin St | 10000025 | Gillespie | 1000276,1000275,100257,100277,1000259 | 0 | Barons Creek | Project Planning | 11.67 | Riverine | Fredericksburg | 10002910 | Multiple | No | \$100,000 | Yes, Unknown | 138 | 96 | 491 | 0 | 6 | 0 | 0.00 | 409.13 | Yes, Unknown | Yes, Unknown |
| 101000057 | 10 | Lower Colorado-Lavaca | Cross Mountain West | Drainage channel | 10000025 | Gillespie | 1000276,1000275,100257,100277,1000259 | 0 | Barons Creek | Project Planning | 11.67 | Riverine | Fredericksburg | 10002910 | Multiple | No | \$100,000 | Yes, Unknown | 138 | 96 | 491 | 0 | 6 | 0 | 0.00 | 409.13 | Yes, Unknown | Yes, Unknown |
| 101000058 | 10 | Lower Colorado-Lavaca | N Milam at West Travis | Curb inlets along Milam St | 10000025 | Gillespie | 1000276,1000275,100257,100277,1000259 | 0 | Barons Creek | Project Planning | 11.67 | Riverine | Fredericksburg | 10002910 | Multiple | No | \$150,000 | Yes, Unknown | 138 | 96 | 491 | 0 | 6 | 0 | 0.00 | 409.13 | Yes, Unknown | Yes, Unknown |
| 101000122 | 10 | Lower Colorado-Lavaca | Carriage Hills | Replace curb, add vegetated channel, increase capacity at Crabapple Pond, replace outlet structure | 10000025 | Gillespie | 1000276,1000275,100257,100277,1000259 | 0 | Barons Creek | Project Planning | 11.67 | Riverine | Fredericksburg | 10002910 | Multiple | No | \$100,000 | Yes, Unknown | 138 | 96 | 491 | 0 | 6 | 0 | 0.00 | 409.13 | Yes, Unknown | Yes, Unknown |
| 101000123 | 10 | Lower Colorado-Lavaca | Post Oak Subdivision | Improve channel from outlet to Pyka Rd; raise rd by 1/2 ft; add six 7'x3' box culverts | 10000025 | Gillespie | 1000276,1000275,100257,100277,1000259 | 0 | Muesebach Creek - Pedernales River | Project Planning | 11.67 | Riverine | Fredericksburg | 10002910 | Multiple | No | \$150,000 | Yes, Unknown | 138 | 96 | 491 | 0 | 6 | 0 | 0.00 | 409.13 | Yes, Unknown | Yes, Unknown |
| 101000207 | 10 | Lower Colorado-Lavaca | Highway St Improvements | Project planning for vegetated channel system with two 10' x 4' box culverts in storm drain system to Baron Creek. Develop technical data required for FMP. | 10000025 | Gillespie | 12090206 | 0 | Muesebach Creek - Pedernales Rivet | Project Planning | 0.08 | Riverine, Urban/ Local | Fredericksburg | 10002910 | Multiple | No | \$600,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | Yes, Unknown | Yes, Unknown |
| 101000177 | 10 | Lower Colorado-Lavaca | Countywide Floodplain Map Update | Update floodplain maps with Atlas 14 data and provided detailed study | 10000005 | Gillespie | 12090201,12090204,12090206,12100201,12100203 | 0 | Multiple Watersheds | Watershed Planning | 1057.22 | Riverine, Urban/ Local | Gillespie County | 00000030 | Multiple | No | \$250,000 | Yes, Unknown | 863 | 308 | 885 | 3 | 115 | 0 | 9.93 | 71866.57 | Yes, Unknown | No, Unknown |
| 101000178 | 10 | Lower Colorado-Lavaca | Low Water Crossings at 4 locations | Low water crossings turned into bridges in these areas | 10000005 | Gillespie | 12090201,12090204,12090206,12100201,12100203 | 0 | Multiple Watersheds | Project Planning | 1057.22 | Riverine, Urban/ Local | Gillespie County | 00000030 | Multiple | No | \$200,000 | Yes, Unknown | 863 | 308 | 885 | 3 | 115 | 0 | 9.93 | 71866.57 | Yes, Unknown | No, Unknown |
| 101000153 | 10 | Lower Colorado-Lavaca | City of Buda Garlic Creek Culvert | Culvert improvements to Garlic Creek RM 967, TXDOT upgraded the road but chose not to touch the culvert, Needs to be upsized. Current roadway inundation just north of creekside by Hailey's Way | 10000025 | Hays | 12090205 | 0 | Mustang Branch - Onion Creek | Project Planning | 4.42 | Riverine | Buda | 00002799 | Multiple | No | \$100,000 | Yes, Unknown | 16 | 13 | 17 | 0 | 2 | 0 | 0.38 | 195.20 | Yes, Unknown | Yes, Unknown |
| 101000059 | 10 | Lower Colorado-Lavaca | Repair of Little Barton Creek Dam | Continue working with FEMA on repair of Little Barton Creek Dam | 10000027 | Hays | 1000245,1000243,1000246 | 0 | Headwaters Barton Creek | Project Planning | 7.83 | Riverine | Dripping Springs | 10002701 | Multiple | No | \$100,000 | Yes, Unknown | 5 | 4 | 8 | 0 | 1 | 0 | 0.08 | 238.33 | Yes, Unknown | Yes, Unknown |

TABLE 12: POTENTIAL FLOOD MANAGEMENT EVALUATIONS

| FME ID | RFPG Number | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Sponsor ID | 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 (year) | Existing or Anticipated Maps (year) |
|-----------|-------------|-----------------------|---|--|--|----------|-------------------------------------|---------------------------|------------------------------|--------------------|-----------------|------------------------|----------------|------------|-------------------------|----------------|----------------------|--|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|---------------------------------------|-------------------------------------|
| 101000226 | 10 | Lower Colorado-Lavaca | City of Hays Drainage Master Plan Update | Update data used for the 2017 DMP and available H&H models using Atlas 14 rainfall. Assess flood risk and exposure for the 10-, 25-, 100-, and 500-year flood events. Identify priority flood risk and evaluate to recommend flood risk reduction measures | 10000005,10000006,1000021,10000022,10000025,10000026 | Hays | 12090205 | 120902050406,120902050405 | Onion Creek-Colorado River | Project Planning | 4.92 | Riverine | Hays | 10002702 | Multiple | No | \$200,000 | Yes, Unknown | 83 | 80 | 148 | 0 | 6 | 0 | 0.93 | 210.6199951 | Yes, Unknown | Yes, Unknown |
| 101000201 | 10 | Lower Colorado-Lavaca | Hays County Buyout Project Planning | Project planning for action to mitigate 38 identified properties. Develop technical data required for FMP. | 10000021 | Hays | 12090205,12090206,12100203,12090301 | 0 | Onion | Project Planning | 676.04 | Riverine, Urban/ Local | Hays County | 00000026 | Multiple | No | \$500,000 | Yes, Unknown | 581 | 377 | 1437 | 2 | 68 | 0 | 15.61 | 11874.71 | Yes, Unknown | Yes, Unknown |
| 101000061 | 10 | Lower Colorado-Lavaca | Prepare Evacuation Plan | Evacuation plan development | 10000004 | Hays | 12090205,12100203 | 0 | Mustang Branch - Onion Creek | Preparedness | 0.42 | Riverine | Mountain City | 00002703 | Multiple | No | \$25,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.38 | Yes, Unknown | Yes, Unknown |
| 101000126 | 10 | Lower Colorado-Lavaca | Flood Proofing Repetitive Loss Structures | Flood-proofing repetitive loss structures identified by FEMA | 10000021 | Hays | 12090205,12100203 | 0 | Mustang Branch - Onion Creek | Project Planning | 0.42 | Riverine | Mountain City | 00002703 | Multiple | No | \$50,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.38 | Yes, Unknown | Yes, Unknown |
| 101000062 | 10 | Lower Colorado-Lavaca | MLK Blvd to Mexico Street | Replace culverts with larger box culverts & parallel wings; MLK Blvd to Mexico St | 10000027 | Jackson | 12100101,12100102 | 0 | Lavaca | Project Planning | 1.62 | Riverine | Edna | 10002696 | Multiple | No | \$100,000 | Yes, Unknown | 223 | 173 | 689 | 0 | 0 | 0 | 5.34 | 169.89 | Yes, Unknown | Yes, Unknown |
| 101000063 | 10 | Lower Colorado-Lavaca | Stormwater Diversion Project | Develop stormwater diversion project through town | 10000027 | Jackson | 12100101,12100102 | 0 | Post Oak Branch - Dry Creek | Project Planning | 4.06 | Riverine | Edna | 10002696 | Multiple | No | \$200,000 | Yes, Unknown | 1223 | 1010 | 1908 | 2 | 1 | 0 | 26.26 | 137.26 | Yes, Unknown | Yes, Unknown |
| 101000127 | 10 | Lower Colorado-Lavaca | Wastewater Treatment Plant Flooding | Wastewater Treatment Plant Flooding | 10000021 | Jackson | 12100101,12100102 | 0 | Post Oak Branch - Dry Creek | Project Planning | 4.06 | Riverine | Edna | 10002696 | Multiple | No | \$200,000 | Yes, Unknown | 1223 | 1010 | 1908 | 2 | 1 | 0 | 26.26 | 137.26 | Yes, Unknown | Yes, Unknown |
| 101000188 | 10 | Lower Colorado-Lavaca | City-wide Drainage Master Plan (Integrate with Dry Creek Study) | Develop a City-wide Drainage Master Plan focused on local drainage issues. This plan will merge with the regional FIF study of Dry Creek | 10000007 | Jackson | 12100101,12100102 | 0 | Post Oak Branch - Dry Creek | Watershed Planning | 4.06 | Riverine | Edna | 10002696 | Multiple | No | \$400,000 | Yes, Unknown | 1223 | 1010 | 1908 | 2 | 1 | 0 | 26.26 | 137.26 | Yes, Unknown | Yes, Unknown |
| 101000064 | 10 | Lower Colorado-Lavaca | Land Purchase for New EMS/Fire/Police Building | Purchase land; design/construct hardened EMS/Fire/Police facility | 10000021 | Jackson | 12100102 | 0 | Devers Creek - Mustang Creek | Project Planning | 1.12 | Riverine | Ganado | 10002698 | Multiple | No | \$100,000 | Yes, Unknown | 28 | 17 | 77 | 0 | 0 | 0 | 0.42 | 27.73 | Yes, Unknown | Yes, Unknown |
| 101000128 | 10 | Lower Colorado-Lavaca | City Hall Hardening and Safe Room | City Hall Hardening and Safe Room | 10000021 | Jackson | 12100102 | 0 | Devers Creek - Mustang Creek | Project Planning | 0.00 | Urban/ Local | Ganado | 10002698 | Multiple | No | \$100,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | Yes, Unknown | Yes, Unknown |
| 101000190 | 10 | Lower Colorado-Lavaca | Devers Creek Regional Detention and Channel Improvements | Coordinate with JCCWDD to develop region detention and channel widening improvements along Devers Creek. | 10000007 | Jackson | 12100102 | 0 | Devers Creek-Mustang Creek | Project Planning | 1.23 | Riverine | Ganado | 10002698 | Multiple | No | \$250,000 | Yes, Unknown | 13 | 6 | 64 | 0 | 1 | 0 | 0.55 | 398.61 | Yes, Unknown | Yes, Unknown |
| 101000192 | 10 | Lower Colorado-Lavaca | City-wide Drainage Master Plan | Develop a drainage master plan with a focus on identifying flood reduction projects for local drainage issues. | 10000007 | Jackson | 12100102 | 0 | Devers Creek-Mustang Creek | Watershed Planning | 1.12 | Riverine | Ganado | 10002698 | Multiple | No | \$400,000 | Yes, Unknown | 28 | 17 | 77 | 0 | 0 | 0 | 0.42 | 27.73 | Yes, Unknown | Yes, Unknown |
| 101000065 | 10 | Lower Colorado-Lavaca | Jackson County Hospital District | Jackson County Hospital Flood Plan | 10000007, 10000021 | Jackson | 12100101 | 0 | Post Oak Branch - Dry Creek | Project Planning | 0.09 | Riverine | Jackson County | 10000098 | Multiple | No | \$150,000 | Yes, Unknown | 3 | 0 | 5 | 0 | 1 | 0 | 0.12 | 0.00 | Yes, Unknown | Yes, Unknown |

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| FME ID | RFPG Number | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Sponsor ID | 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 (year) | Existing or Anticipated Maps (year) | |
|-----------|-------------|-----------------------|--|---|----------------------|-------------------|--|--------|---|--------------------|-----------------|------------------------|----------------|------------|-------------------------|----------------|----------------------|--|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|---------------------------------------|-------------------------------------|--------------|
| 101000066 | 10 | Lower Colorado-Lavaca | County Road 480 | Strengthen County Road 480 with development of headwall | 10000027 | Jackson | 12100401 | 0 | Matagorda Bay, East Carancahau Creek - Frontal Carancahua Bay | Project Planning | 0.06 | Riverine, Coastal | Jackson County | 10000098 | Multiple | No | \$100,000 | Yes, Unknown | 10 | 5 | 16 | 0 | 0 | 0 | 0.61 | 14.56 | Yes, Unknown | No, Unknown | |
| 101000129 | 10 | Lower Colorado-Lavaca | Palmetto Bend Spillway | Emergency Stop Log Deployment System | 10000004 | Jackson | 12100102 | 0 | Chicolete Creek - Navidad River | Project Planning | 0.12 | Riverine | Jackson County | 10000098 | Multiple | No | \$250,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.10 | 13.34 | Yes, Unknown | Yes, Unknown |
| 101000196 | 10 | Lower Colorado-Lavaca | Navidad River - Stem Branch Erosion Control Structure Project Planning | Project planning for project to replace erosion control structure. Develop technical data required for FMP. | 10000023 | Jackson | 12100102 | 0 | Navidad | Project Planning | 0.02 | Riverine | Jackson County | 10000098 | Multiple | No | \$40,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.22 | Yes, Unknown | Yes, Unknown |
| 101000198 | 10 | Lower Colorado-Lavaca | Goat Trail Erosion Control Structure Project Planning | Project planning for project to replace erosion control structure. Develop technical data required for FMP. | 10000023 | Jackson | 1000416,1000461 | 0 | Lavaca | Project Planning | 2.82 | Riverine | Jackson County | 10000098 | Multiple | No | \$225,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 327.26 | Yes, Unknown | Yes, Unknown |
| 101000199 | 10 | Lower Colorado-Lavaca | County Road 106 Erosion Control Structure Project Planning | Project planning for project to replace erosion control structure. Develop technical data required for FMP. | 10000023 | Jackson | 12100402 | 0 | Leona Creek-Arenosa Creek | Project Planning | 0.06 | Riverine | Jackson County | 10000098 | Multiple | No | \$75,000 | Yes, Unknown | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 35.26 | Yes, Unknown | Yes, Unknown |
| 101000209 | 10 | Lower Colorado-Lavaca | Jackson County Phase 2 DMP | Watershed Study conducted in multiple phases depending on local match available | 100000021, 100000025 | Jackson | 12100402, 12100101, 12100102, 12100401 | 0 | Navidad, Central Matagorda Bay, West Matagorda Bay | Watershed Planning | 700.14 | Riverine, Urban/ Local | Jackson County | 10000098 | Multiple | No | \$4,000,000 | Yes, Unknown | 717 | 483 | 774 | 1 | 3 | 0 | 58.84 | 58758.91 | No, Unknown | No, Unknown | |
| 101000193 | 10 | Lower Colorado-Lavaca | City-wide Drainage Master Plan | Develop a drainage master plan with a focus on local drainage issues using Atlas 14 rainfall | 10000007 | Jackson | 12100401 | 0 | Multiple Watersheds | Watershed Planning | 0.85 | Riverine | La Ward | 10002705 | Multiple | No | \$400,000 | Yes, Unknown | 17 | 7 | 17 | 0 | 0 | 0 | 1.05 | 133.90 | Yes, Unknown | No, Unknown | |
| 101000197 | 10 | Lower Colorado-Lavaca | La Salle Erosion Control Structure Project Planning | Project planning for project to replace erosion control structure. Develop technical data required for FMP. | 10000023 | Jackson, Victoria | 1000469,1000413,1000417,1000416 | 0 | Arenosa Creek-Garritas Creek | Project Planning | 20.69 | Riverine | Jackson County | 10000098 | Multiple | No | \$40,000 | Yes, Unknown | 3 | 1 | 2 | 0 | 0 | 0 | 0 | 1.86 | 480.69 | Yes, Unknown | Yes, Unknown |
| 101000179 | 10 | Lower Colorado-Lavaca | Various Streets - Install Flood Early Warning System | Detection warnings at low water crossings across the county | 10000004 | Kendall | 12090206, 12100201, 12100203 | 0 | Bear Creek - Pedernales River, South Grape Creek, Williams Creek - Pedernales River | Preparedness | 660.51 | Riverine | Kendall County | 00000017 | Multiple | No | \$15,000 | Yes, Unknown | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 637.34 | Yes, Unknown | No, Unknown |
| 101000067 | 10 | Lower Colorado-Lavaca | Various Streets - Install Flood Early Warning System | Local Flood Warning System | 10000004 | Kerr | 12090204, 12090206, 12100201, 12110106, 12090203 | 0 | Multiple Watersheds | Preparedness | 1103.03 | Riverine, Urban/ Local | Kerr County | 00000022 | Multiple | No | \$50,000 | Yes, Unknown | 51 | 4 | 49 | 0 | 4 | 0 | 0 | 0.20 | 10644.26 | Yes, Unknown | No, Unknown |
| 101000068 | 10 | Lower Colorado-Lavaca | Lake Junction Dredging | Dredge Lake Junction | 10000027 | Kimble | 12090203 | 0 | Joy Creek - South Llano River | Project Planning | 0.07 | Riverine, Urban/ Local | Junction | 10003499 | Multiple | No | \$50,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 14.47 | Yes, Unknown | Yes, Unknown |
| 101000069 | 10 | Lower Colorado-Lavaca | Llano River Erosion | Develop/implement projects to prevent erosion | 10000027 | Kimble | 12090202, 12090204, 12090203 | 0 | Elm Slough - North Llano River, Joy Creek - South Llano River | Project Planning | 2.39 | Riverine, Urban/ Local | Junction | 10003499 | Multiple | No | \$200,000 | Yes, Unknown | 130 | 83 | 192 | 0 | 0 | 0 | 0 | 0.04 | 426.63 | Yes, Unknown | Yes, Unknown |
| 101000183 | 10 | Lower Colorado-Lavaca | South Polk Street Study | Flooding study of South east side of the City of Giddings between South Polk Street and Madison. | 10000005 | Lee | 1000508 | 0 | Upper Rabbs Creek | Project Planning | 0.26 | Riverine | Giddings | 00003143 | Multiple | No | \$150,000 | Yes, Unknown | 24 | 16 | 82 | 0 | 0 | 0 | 0.32 | 2.78 | Yes, Unknown | Yes, Unknown | |

TABLE 12: POTENTIAL FLOOD MANAGEMENT EVALUATIONS

| FME ID | RFPG Number | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Sponsor ID | 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 (year) | Existing or Anticipated Maps (year) |
|-----------|-------------|-----------------------|--|--|-------------------------------------|-----------|--|--------------|---|--------------------|-----------------|------------------------|-----------------------|------------|-------------------------|----------------|----------------------|--|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|---------------------------------------|-------------------------------------|
| 101000228 | 10 | Lower Colorado-Lavaca | Cummins Creek WS SCS Site 1 Dam Flood Management Evaluation | H&H modeling to quantify flood risk/exposure, prelim dam modification feasibility assessment, development of prelim dam modification costs, BCA, constraint evaluation/comparative analysis of other flood reduction measures in report with recommendations | 10000025,10000026,10000027,10000028 | Lee | 12090301 | 120903010601 | Onion Creek-Colorado River | Project Planning | 1.16 | Riverine | Lee County | 00000032 | Multiple | No | \$100,000 | Yes, Unknown | 47 | 36 | 44 | 0 | 1 | 0 | 1.1900001 | 579.4000244 | Yes, Unknown | Yes, Unknown |
| 101000070 | 10 | Lower Colorado-Lavaca | Llano River Channel Maintenance/Improvements | Implement a new program to clear and clean creeks/drains and Llano River bed | 10000027 | Llano | 12090204 | 0 | Johnson Creek - Llano River, Pecan Creek - Llano River, Oatman Creek - Llano River, Wrights Creek - Llano River | Project Planning | 5.76 | Riverine | Llano | 10003259 | Multiple | No | \$100,000 | Yes, Unknown | 181 | 104 | 445 | 0 | 1 | 0 | 3.48 | 463.78 | Yes, Unknown | No, Unknown |
| 101000072 | 10 | Lower Colorado-Lavaca | Prepare Evacuation Plan | Create evacuation plan | 10000004 | Llano | 12090201, 12090204, 12090205 | 0 | Multiple Watersheds | Preparedness | 962.44 | Riverine, Urban/ Local | Llano County | 10000045 | Multiple | No | \$25,000 | Yes, Unknown | 2739 | 2078 | 3718 | 3 | 142 | 0 | 15.17 | 44594.17 | No | No, Unknown |
| 101000073 | 10 | Lower Colorado-Lavaca | Comanche Rancherías Subdivision | Address severe flooding created by drainage from adjacent lands to Comanche Rancherías Subdivision | 10000027 | Llano | 12090201, 12090204 | 0 | Honey Creek - Lake Lyndon B Johnson | Project Planning | 5.79 | Riverine | Llano County | 10003259 | Multiple | No | \$100,000 | Yes, Unknown | 20 | 17 | 17 | 0 | 3 | 0 | 0.00 | 216.46 | Yes, Unknown | No, Unknown |
| 101000130 | 10 | Lower Colorado-Lavaca | Relocate Fire Department Building | Relocate Kingsland VFD building outside 100-year floodplain | 10000021, 10000025 | Llano | 12090201 | 0 | Peters Creek - Lake Lyndon B Johnson | Project Planning | 0.00 | Riverine | Llano County | 10000045 | Multiple | No | \$250,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | Yes, Unknown | No, Unknown |
| 101000071 | 10 | Lower Colorado-Lavaca | Drainage Ditch Maintenance/Improvements | Clean out and deepen the stormwater drainage ditches | 10000027 | Llano | 12090201 | 0 | Sandy Creek Lake Lyndon B Johnson | Project Planning | 2.64 | Riverine | Sunrise Beach Village | 10003567 | Multiple | No | \$100,000 | Yes, Unknown | 330 | 309 | 422 | 0 | 0 | 0 | 0.82 | 100.66 | Yes, Unknown | No, Unknown |
| 101000175 | 10 | Lower Colorado-Lavaca | 102 Beach Dr Low Water Crossing | Flood-prone problem low water crossing in need of flood study and solution, identified on sponsor outreach call. | 10000005 | Llano | 12090201 | 0 | Sandy Creek Lake Lyndon B Johnson | Project Planning | 0.50 | Riverine | Sunrise Beach Village | 10003567 | Multiple | No | \$100,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | Yes, Unknown | No, Unknown |
| 101000176 | 10 | Lower Colorado-Lavaca | 124 Sunrise Drive Low Water Crossing | Flood-prone problem low water crossing in need of flood study and solution, identified on sponsor outreach call. | 10000005 | Llano | 12090201 | 0 | Sandy Creek Lake Lyndon B Johnson | Project Planning | 0.44 | Urban/ Local | Sunrise Beach Village | 10003567 | Multiple | No | \$100,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | Yes, Unknown | No, Unknown |
| 101000076 | 10 | Lower Colorado-Lavaca | Tres Palacios River | Install automated flood warning systems on Tres Palacios River | 10000004 | Matagorda | 12090302, 12100401, 12100102 | 0 | Multiple Watersheds | Preparedness | 365.91 | Riverine, Coastal | Matagorda County | 10000097 | Multiple | No | \$50,000 | Yes, Unknown | 1805 | 1207 | 3840 | 1 | 5 | 0 | 75.83 | 28385.59 | Yes, Unknown | Yes, Unknown |
| 101000077 | 10 | Lower Colorado-Lavaca | Update Flood Insurance Study & Flood Insurance Rate Maps. This project may be phased based on local available funds. | Update Flood Insurance Study & Flood Insurance Rate Maps. This project may be phased based on local available funds. | 10000009 | Matagorda | 12090402, 12090302, 12090401, 12100401 | 0 | Multiple Watersheds | Watershed Planning | 1136.08 | Riverine, Coastal | Matagorda County | 10000097 | Multiple | No | \$3,000,000 | Yes, Unknown | 7017 | 4945 | 10584 | 6 | 3 | 0 | 183.22 | 124178.52 | Yes, Unknown | Yes, Unknown |

TABLE 12: POTENTIAL FLOOD MANAGEMENT EVALUATIONS

| FME ID | RFPG Number | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Sponsor ID | 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 (year) | Existing or Anticipated Maps (year) |
|-----------|-------------|-----------------------|---|---|--------------------|-----------|--|--------|--|--------------------|-----------------|------------------------|-----------------|------------|-------------------------|----------------|----------------------|--|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|---------------------------------------|-------------------------------------|
| 101000074 | 10 | Lower Colorado-Lavaca | Construct Emergency Operation Center | Construct emergency operation center | 10000004 | Matagorda | 12100401 | 0 | Tres Palacios River - Frontal Tres Palacios Bay | Project Planning | 3.35 | Riverine, Coastal | Palacios | 10003494 | Multiple | No | \$100,000 | Yes, Unknown | 247 | 137 | 305 | 0 | 0 | 0 | 6.88 | 47.82 | Yes, Unknown | No, Unknown |
| 101000075 | 10 | Lower Colorado-Lavaca | Airport Drainage Improvements | Increase drainage for airport property | 10000027, 10000016 | Matagorda | 12100401 | 0 | Tres Palacios River - Frontal Tres Palacios Bay | Project Planning | 0.70 | Riverine, Coastal | Palacios | 10003494 | Multiple | No | \$100,000 | Yes, Unknown | 3 | 0 | 2 | 0 | 0 | 0 | 0.00 | 4.39 | Yes, Unknown | No, Unknown |
| 101000131 | 10 | Lower Colorado-Lavaca | Police Station Relocation and Safe Room | Relocate police station outside flood zone B; build safe room inside | 10000021 | Matagorda | 12100401 | 0 | Tres Palacios River - Frontal Tres Palacios Bay | Project Planning | 0.00 | Riverine | Palacios | 10003494 | Multiple | No | \$250,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | Yes, Unknown | No, Unknown |
| 101000181 | 10 | Lower Colorado-Lavaca | Harris Hollow Neighborhood Flooding | Study area often flooded during large storm events. | 10000005 | Menard | 12090109 | 0 | Menard Irrigation Company Canal - San Saba River | Project Planning | 0.13 | Riverine, Urban/ Local | Menard | 00000050 | Multiple | No | \$100,000 | Yes, Unknown | 107 | 97 | 104 | 1 | 10 | 0 | 0.00 | 25.12 | Yes, Unknown | Yes, Unknown |
| 101000180 | 10 | Lower Colorado-Lavaca | Countywide Floodplain Map Update | Update floodplain maps with Atlas 14 data and provided detailed study | 10000005 | Menard | 12090109, 12090110, 12090202, 12090204, 12090105 | 0 | Multiple Watersheds | Watershed Planning | 898.47 | Riverine, Urban/ Local | Menard County | 10002764 | Multiple | No | \$250,000 | Yes, Unknown | 896 | 450 | 1256 | 5 | 31 | 0 | 12.15 | 93034.98 | Yes, Unknown | Yes, Unknown |
| 101000078 | 10 | Lower Colorado-Lavaca | Hooten Holler in Richland Springs | Develop engineering study of 'Hooten Holler' | 10000005 | San Saba | 12090109, 12090106 | 0 | Lower Richland Springs Creek | Project Planning | 5.44 | Riverine, Urban/ Local | San Saba County | 10000066 | Multiple | No | \$100,000 | Yes, Unknown | 43 | 24 | 34 | 0 | 0 | 0 | 1.87 | 695.00 | Yes, Unknown | Yes, Unknown |
| 101000158 | 10 | Lower Colorado-Lavaca | Citywide Storm Drain Infrastructure Modeling | The goal of this project is to prepare 1D and 2D storm drain models for the entire City. | 10000005 | Travis | 12090205, 12070205, 12090301 | 0 | Multiple Watersheds | Watershed Planning | 279.33 | Riverine | Austin | 00002700 | Multiple | No | \$12,600,000 | Yes, Unknown | 5694 | 4028 | 45817 | 10 | 128 | 0 | 111.76 | 7305.66 | Yes, Unknown | Yes, Unknown |
| 101000203 | 10 | Lower Colorado-Lavaca | Highland Hills Crossing Improvements Project Planning | Project planning for project to upgrade the low crossing to reduce the frequency and depth of inundation and improve public safety. Develop technical data required for FMP. | 10000026 | Travis | 12090205 | 0 | Lake Austin | Project Planning | 0.47 | Riverine | Austin | 00002700 | Multiple | No | \$150,000 | Yes, Unknown | 3 | 3 | 8 | 0 | 1 | 0 | 0.02 | 1.29 | Yes, Unknown | Yes, Unknown |
| 101000204 | 10 | Lower Colorado-Lavaca | Shoal Creek - Nueces St Flood Risk Reduction Project Planning | Project planning for project which includes the construction of approximately 15,980 linear feet of upgraded storm drain pipe and numerous new storm drain inlets throughout the area. Develop technical data required for FMP. | 10000027 | Travis | 12090205 | 0 | Town Lake | Project Planning | 13.22 | Riverine | Austin | 00002700 | Multiple | No | \$100,000 | Yes, Unknown | 653 | 464 | 19198 | 1 | 12 | 0 | 13.96 | 51.67 | Yes, Unknown | Yes, Unknown |
| 101000080 | 10 | Lower Colorado-Lavaca | Community Evacuation Plan | Community Evacuation Plan | 10000004 | Travis | 12090205 | 0 | Hurst Creek - Lake Travis, Big Sandy Creek | Preparedness | 7.55 | Riverine | Jonestown | 10003455 | Multiple | No | \$25,000 | Yes, Unknown | 321 | 255 | 562 | 0 | 2 | 0 | 2.48 | 422.69 | Yes, Unknown | Yes, Unknown |
| 101000163 | 10 | Lower Colorado-Lavaca | Jones Brothers Park Flooding | Study area/ infrastructure often flooded during large storm events. Could also potentially be a buyout situation | 10000005 | Travis | 12090205, 12070205 | 0 | Big Sandy Creek | Project Planning | 53.07 | Riverine | Jonestown | 10003455 | Multiple | No | \$100,000 | Yes, Unknown | 297 | 269 | 397 | 0 | 7 | 0 | 3.91 | 1595.41 | Yes, Unknown | Yes, Unknown |

TABLE 12: POTENTIAL FLOOD MANAGEMENT EVALUATIONS

| FME ID | RFPG Number | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Sponsor ID | 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 (year) | Existing or Anticipated Maps (year) | |
|-----------|-------------|-----------------------|---|--|---|----------|----------|--------------|--|--------------------|-----------------|-----------------|--------------|------------|-------------------------|----------------|----------------------|--|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|---------------------------------------|-------------------------------------|--------------|
| 101000164 | 10 | Lower Colorado-Lavaca | East Reed Park Road Flooding | Low water crossing upgrade for one of the most commonly closed low water crossings in Jonestown. The city has to section off road when it floods. | 10000027 | Travis | 12090205 | 0 | Hurst Creek - Lake Travis | Project Planning | 2.82 | Riverine | Jonestown | 10003455 | Multiple | No | \$100,000 | Yes, Unknown | 2 | 1 | 1 | 0 | 0 | 0 | 0.15 | 44.67 | Yes, Unknown | Yes, Unknown | |
| 101000200 | 10 | Lower Colorado-Lavaca | Lake Travis/Cross Street Area Buyout Project Planning | Project planning for acquisition of property located in floodplain of Lake Travis and Cross St Area, or other mitigation actions. Develop technical data required for FMP | 10000021 | Travis | 12090205 | 0 | Hurst Creek | Project Planning | 0.04 | Riverine | Jonestown | 10003455 | Multiple | No | \$100,000 | Yes, Unknown | 18 | 18 | 27 | 0 | 0 | 0 | 0.42 | 12.71 | Yes, Unknown | Yes, Unknown | |
| 101000082 | 10 | Lower Colorado-Lavaca | Citywide Drainage Study | Conduct a drainage study and disseminate study results | 10000002, 10000005, 10000007 | Travis | 12090205 | 0 | Bee Creek - Lake Travis, Hurst Creek - Lake Travis | Watershed Planning | 15.51 | Riverine | Lago Vista | 10002612 | Multiple | No | \$250,000 | Yes, Unknown | 543 | 424 | 754 | 1 | 0 | 0 | 10.48 | 657.77 | Yes, Unknown | Yes, Unknown | |
| 101000083 | 10 | Lower Colorado-Lavaca | Community Evacuation Plan | Community Evacuation Plan | 10000004 | Travis | 12090205 | 0 | Bee Creek - Lake Travis, Hurst Creek - Lake Travis | Preparedness | 15.51 | Riverine | Lago Vista | 10003455 | Multiple | No | \$25,000 | Yes, Unknown | 543 | 424 | 754 | 1 | 0 | 0 | 10.48 | 657.77 | Yes, Unknown | Yes, Unknown | |
| 101000231 | 10 | Lower Colorado-Lavaca | Caldwell Elementary Improvements at Upper Gilleland Creek (DMP GC-01) | Evaluate proposed improvements to include H&H modeling with Atlas 14 rainfall, limited field survey and geotechnical investigations, prelim design of improvements, risk reduction analysis, NAI verification, cost estimate, BCA, and constraint evaluation | 10000007,10000008,10000025,10000026,10000027,10000028 | Travis | 12090301 | 120903010106 | Willbarger Creek-Colorado River | Project Planning | 0.39 | Riverine | Pflugerville | 00003458 | Multiple | No | \$680,000 | Yes, Unknown | 5 | 1 | 18 | 0 | 1 | 0 | 0.14 | 23.4099998 | Yes, Unknown | Yes, Unknown | |
| 101000232 | 10 | Lower Colorado-Lavaca | Pflugerville Storm Drain CCTV Evaluation (DMP Pf-03) | Assess the existing storm drain infrastructure within Pflugerville's business district utilizing closed-circuit television inspection. Analyze approximately 11,000' of storm drain infrastructure to develop a storm drain maintenance and improvement plan | 10000007,10000008,10000025,10000026,10000027,10000028 | Travis | 12090301 | 120903010106 | Willbarger Creek-Colorado River | Project Planning | 0.21 | Urban/ Local | Pflugerville | 00003458 | Multiple | No | \$250,000 | Yes, Unknown | 10 | 5 | 10 | 0 | 0 | 0 | 0 | 7.01 | No, Unknown | Yes, Unknown | |
| 101000233 | 10 | Lower Colorado-Lavaca | Hidden Lake Drive Improvements at Wilbarger Creek Tributary 200 (DMP WC-02) | Evaluate proposed improvements to include H&H modeling with Atlas 14 rainfall, limited field survey and geotechnical investigations, prelim design of improvements, risk reduction analysis, NAI verification, cost estimate, BCA, and constraint evaluation | 10000007,10000008,10000025,10000026,10000027,10000028 | Travis | 12090301 | 120903010103 | Willbarger Creek-Colorado River | Project Planning | 0.02 | Riverine | Pflugerville | 00003458 | Multiple | No | \$280,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.07 | 6 | Yes, Unknown | Yes, Unknown |

TABLE 12: POTENTIAL FLOOD MANAGEMENT EVALUATIONS

| FME ID | RFPG Number | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Sponsor ID | 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 (year) | Existing or Anticipated Maps (year) | |
|-----------|-------------|-----------------------|---|--|---|----------|----------|--------------|---------------------------------|------------------|-----------------|-----------------|--------------|------------|-------------------------|----------------|----------------------|--|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|---------------------------------------|-------------------------------------|--------------|
| 101000234 | 10 | Lower Colorado-Lavaca | Kenemer Drive Improvements at Wilbarger Creek Tributary 200 (DMP WC-05) | Evaluate proposed improvements to include H&H modeling with Atlas 14 rainfall, limited field survey and geotechnical investigations, prelim design of improvements, risk reduction analysis, NAI verification, cost estimate, BCA, and constraint evaluation | 10000007,10000008,10000025,10000026,10000027,10000028 | Travis | 12090301 | 120903010103 | Willbarger Creek-Colorado River | Project Planning | 0.03 | Riverine | Pflugerville | 00003458 | Multiple | No | \$220,000 | Yes, Unknown | 2 | 2 | 8 | 0 | 0 | 0 | 0.08 | 1.97 | Yes, Unknown | Yes, Unknown | |
| 101000235 | 10 | Lower Colorado-Lavaca | North Heatherwilde Improvements at Upper Gilleland Creek (DMP GC-02) | Evaluate proposed improvements to include H&H modeling with Atlas 14 rainfall, limited field survey and geotechnical investigations, prelim design of improvements, risk reduction analysis, NAI verification, cost estimate, BCA, and constraint evaluation | 10000007,10000008,10000025,10000026,10000027,10000028 | Travis | 12090301 | 120903010106 | Willbarger Creek-Colorado River | Project Planning | 0.03 | Riverine | Pflugerville | 00003458 | Multiple | No | \$1,200,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.03 | 5.72 | Yes, Unknown | Yes, Unknown |
| 101000237 | 10 | Lower Colorado-Lavaca | Railroad Avenue Improvements at Upper Gilleland Creek (DMP GC-04) | Evaluate proposed improvements to include H&H modeling with Atlas 14 rainfall, limited field survey and geotechnical investigations, prelim design of improvements, risk reduction analysis, NAI verification, cost estimate, BCA, and constraint evaluation | 10000007,10000008,10000025,10000026,10000027,10000028 | Travis | 12090301 | 120903010106 | Willbarger Creek-Colorado River | Project Planning | 0.11 | Riverine | Pflugerville | 00003458 | Multiple | No | \$1,200,000 | Yes, Unknown | 22 | 18 | 90 | 0 | 0 | 0 | 0.2 | 10.6599998 | Yes, Unknown | Yes, Unknown | |
| 101000238 | 10 | Lower Colorado-Lavaca | Swenson Farms Improvements at Upper Gilleland Creek (DMP GC-03) | Evaluate proposed improvements to include H&H modeling with Atlas 14 rainfall, limited field survey and geotechnical investigations, prelim design of improvements, risk reduction analysis, NAI verification, cost estimate, BCA, and constraint evaluation | 10000007,10000008,10000025,10000026,10000027,10000028 | Travis | 12090301 | 120903010106 | Willbarger Creek-Colorado River | Project Planning | 0.09 | Riverine | Pflugerville | 00003458 | Multiple | No | \$370,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.09 | 17.7299995 | Yes, Unknown | Yes, Unknown |
| 101000239 | 10 | Lower Colorado-Lavaca | Weiss Lane Improvements at Wilbarger Creek (DMP WC-01) | Evaluate proposed improvements to include H&H modeling with Atlas 14 rainfall, limited field survey and geotechnical investigations, prelim design of improvements, risk reduction analysis, NAI verification, cost estimate, BCA, and constraint evaluation | 10000007,10000008,10000025,10000026,10000027,10000028 | Travis | 12090301 | 120903010103 | Willbarger Creek-Colorado River | Project Planning | 0.02 | Riverine | Pflugerville | 00003458 | Multiple | No | \$110,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.13 | 7.3200002 | Yes, Unknown | Yes, Unknown |

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| FME ID | RFPG Number | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Sponsor ID | 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 (year) | Existing or Anticipated Maps (year) |
|-----------|-------------|-----------------------|--|---|--------------------|----------|--|--------|---|--------------------|-----------------|-------------------|-----------------|------------|-------------------------|----------------|----------------------|--|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|---------------------------------------|-------------------------------------|
| 101000085 | 10 | Lower Colorado-Lavaca | Create Emergency Evacuation Plan | Create emergency evacuation plan | 10000004 | Travis | 12090205 | 0 | Bee Creek - Lake Travis, Hurst Creek - Lake Travis | Preparedness | 0.94 | Riverine | Point Venture | 10003528 | Multiple | No | \$25,000 | Yes, Unknown | 167 | 144 | 403 | 0 | 0 | 0 | 0.65 | 80.26 | Yes, Unknown | Yes, Unknown |
| 101000086 | 10 | Lower Colorado-Lavaca | Citywide Drainage Study | Complete engineering studies and determine project designs for stormwater flood prevention | 10000027 | Travis | 1000251,1000244 | 0 | Slaughter Creek - Onion Creek | Watershed Planning | 2.87 | Riverine | San Leanna | 10003192 | Multiple | No | \$250,000 | Yes, Unknown | 49 | 46 | 114 | 0 | 0 | 0 | 0.40 | 97.92 | Yes, Unknown | Yes, Unknown |
| 101000195 | 10 | Lower Colorado-Lavaca | Spicewood Springs Road Low Water Crossing #1 Project Planning | Project planning for bridge to replace undersized box culvert. Develop technical data required for FMP. | 10000027 | Travis | 12090205, 12070205 | 0 | Bull Creek | Project Planning | 14.86 | Riverine | Travis County | 00000034 | Multiple | No | \$682,500 | Yes, Unknown | 10 | 8 | 13 | 0 | 7 | 0 | 1.64 | 282.51 | Yes, Unknown | Yes, Unknown |
| 101000088 | 10 | Lower Colorado-Lavaca | Review and Update Floodplain Management Plan | Review and update floodplain management plan; review annually | 10000014, 10000016 | Travis | 12090205 | 0 | Hurst Creek - Lake Travis, Cypress Creek - Lake Travis | Preparedness | 2.04 | Riverine | Volente | 10003461 | Multiple | No | \$25,000 | Yes, Unknown | 150 | 139 | 279 | 0 | 0 | 0 | 0.20 | 135.68 | Yes, Unknown | Yes, Unknown |
| 101000089 | 10 | Lower Colorado-Lavaca | Develop an Emergency Operations and Evacuation Plan | Develop an Emergency Operations and Evacuation Plan | 10000004 | Travis | 12090205 | 0 | Hurst Creek - Lake Travis, Cypress Creek - Lake Travis | Preparedness | 2.04 | Riverine | Volente | 10003461 | Multiple | No | \$25,000 | Yes, Unknown | 150 | 139 | 279 | 0 | 0 | 0 | 0.20 | 135.68 | Yes, Unknown | Yes, Unknown |
| 101000084 | 10 | Lower Colorado-Lavaca | Bee Creek Drainage Improvements | Complete Little Bee Creek Drainage Improvement Project | 10000027 | Travis | 12090205 | 0 | Lake Austin - Town Lake | Project Planning | 1.06 | Riverine | West Lake Hills | 10003460 | Multiple | No | \$100,000 | Yes, Unknown | 14 | 13 | 31 | 0 | 2 | 0 | 0.47 | 18.36 | Yes, Unknown | Yes, Unknown |
| 101000090 | 10 | Lower Colorado-Lavaca | Various Streets - Upgrade Existing Roadway Crossings | Increase dimensions of drainage culverts in flood prone areas | 10000025 | Victoria | 12100204, 12100402 | 0 | Unnamed Watershed | Project Planning | 44.61 | Urban/ Local | Victoria | 00002428 | Multiple | No | \$100,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | Yes, Unknown | No, Unknown |
| 101000091 | 10 | Lower Colorado-Lavaca | Harden City Buildings, Critical Infrastructure | Harden city buildings, critical infrastructure | 10000021 | Victoria | 12100204, 12100402 | 0 | Placedo Creek, Marcado Creek - Gracitas Creek | Project Planning | 36.71 | Riverine | Victoria | 00002428 | Multiple | No | \$100,000 | Yes, Unknown | 368 | 224 | 1942 | 1 | 0 | 0 | 0.00 | 849.05 | Yes, Unknown | No, Unknown |
| 101000092 | 10 | Lower Colorado-Lavaca | Citywide Drainage Study | Initiate study of storm water drainage system to assess impacts from flooding & flash flooding | 10000005 | Victoria | 12100204, 12100402, 12100403, 12100101 | 0 | Multiple Watersheds | Watershed Planning | 885.81 | Riverine, Coastal | Victoria | 00002428 | Multiple | No | \$250,000 | Yes, Unknown | 776 | 521 | 2432 | 3 | 9 | 0 | 0.10 | 37405.84 | Yes, Unknown | Yes, Unknown |
| 101000093 | 10 | Lower Colorado-Lavaca | Various Streets - Upgrade Existing Roadway Crossings and Bridges | Increase dimensions of drainage culverts | 10000025 | Victoria | 12100204, 12100402, 12100403, 12100101 | 0 | Multiple Watersheds | Project Planning | 885.81 | Riverine, Coastal | Victoria County | 00000094 | Multiple | No | \$100,000 | Yes, Unknown | 776 | 521 | 2432 | 3 | 9 | 0 | 0.10 | 37405.84 | Yes, Unknown | Yes, Unknown |
| 101000095 | 10 | Lower Colorado-Lavaca | Identify and Buyout Repetitive Loss Properties | Implement a voluntary acquisition program for repetitive flood properties | 10000021 | Victoria | 12100204, 12100402, 12100403, 12100101 | 0 | Multiple Watersheds | Project Planning | 885.81 | Riverine, Coastal | Victoria County | 00000094 | Multiple | No | \$250,000 | Yes, Unknown | 776 | 521 | 2432 | 3 | 9 | 0 | 0.1030893 | 37405.83984 | Yes, Unknown | Yes, Unknown |
| 101000096 | 10 | Lower Colorado-Lavaca | Harden County Buildings, Critical Infrastructure, and Government Buildings | Harden county buildings, critical infrastructure, and government buildings | 10000021 | Victoria | 12100204, 12100402, 12100403, 12100101 | 0 | Multiple Watersheds | Project Planning | 885.81 | Riverine, Coastal | Victoria County | 00000094 | Multiple | No | \$100,000 | Yes, Unknown | 776 | 521 | 2432 | 3 | 9 | 0 | 0.10 | 37405.84 | Yes, Unknown | Yes, Unknown |
| 101000162 | 10 | Lower Colorado-Lavaca | City of Wharton Citywide Floodplain Map Update | Approx 70 homes are flooded along the San Bernard River during large storm events | 10000005 | Wharton | 12090401 | 0 | Boone Branch - San Bernard River | Watershed Planning | 3.78 | Riverine | East Bernard | 10002433 | Multiple | No | \$250,000 | Yes, Unknown | 158 | 142 | 223 | 0 | 0 | 0 | 4.14 | 253.20 | Yes, Unknown | Yes, Unknown |
| 101000098 | 10 | Lower Colorado-Lavaca | Tres Palacios, Blue Creek, East Mustang Creek | Construct regional detention/retention ponds | 10000025 | Wharton | 12090302, 12100401, 12100102 | 0 | Tres Palacios River - Frontal Tres Palacios Bay, Mud Creek - Blue Creek, East Mustang Creek | Watershed Planning | 9.69 | Riverine | El Campo | 10003136 | Multiple | No | \$150,000 | Yes, Unknown | 1589 | 1139 | 4199 | 1 | 3 | 0 | 34.72 | 873.98 | Yes, Unknown | Yes, Unknown |

TABLE 12: POTENTIAL FLOOD MANAGEMENT EVALUATIONS

| FME ID | RFPG Number | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Sponsor ID | 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 (year) | Existing or Anticipated Maps (year) |
|-----------|-------------|-----------------------|--|---|---------------------------------|----------|--|--------|---|--------------------|-----------------|------------------------|----------------|------------|-------------------------|----------------|----------------------|--|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|---------------------------------------|-------------------------------------|
| 101000099 | 10 | Lower Colorado-Lavaca | Use Digital Maps of All Hazards and Educate Residents | Use GIS mapping to overlay properties with known hazards; notify residents | 10000002 | Wharton | 12090302, 12100401, 12100102 | 0 | Tres Palacios River - Frontal Tres Palacios Bay, Mud Creek - Blue Creek, East Mustang Creek | Preparedness | 9.69 | Riverine | El Campo | 10003136 | Multiple | No | \$100,000 | Yes, Unknown | 1589 | 1139 | 4199 | 1 | 3 | 0 | 34.72 | 873.98 | Yes, Unknown | Yes, Unknown |
| 101000100 | 10 | Lower Colorado-Lavaca | Pecan Street | Install larger storm drainage | 10000025 | Wharton | 12100401 | 0 | Tres Palacios River - Frontal Tres Palacios Bay | Project Planning | 0.00 | Urban/ Local | El Campo | 10003136 | Multiple | No | \$100,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | Yes, Unknown | Yes, Unknown |
| 101000101 | 10 | Lower Colorado-Lavaca | Town & Country Drive | Install larger storm drainage | 10000025 | Wharton | 12100401 | 0 | Tres Palacios River - Frontal Tres Palacios Bay | Project Planning | 0.00 | Urban/ Local | El Campo | 10003136 | Multiple | No | \$100,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | Yes, Unknown | Yes, Unknown |
| 101000210 | 10 | Lower Colorado-Lavaca | City of El Campo Drainage Master Plan Update | Watershed Study, stormsewer study, and MDUS feasibility study | 100000021, 100000025 | Wharton | 12100102, 12090302, 12100401 | 0 | Lower Colorado, Central Matagorda Bay, Navidad | Watershed Planning | 33.45 | Riverine, Urban/ Local | El Campo | 10003136 | Multiple | No | \$750,000 | Yes, Unknown | 1820 | 1293 | 4600 | 1 | 4 | 0 | 45.23 | 5707.29 | No, Unknown | Yes, Unknown |
| 101000184 | 10 | Lower Colorado-Lavaca | City of Wharton City-wide Flood Warning Systems | Implement warning systems | 10000003 | Wharton | 12090402, 12090302, 12090401 | 0 | Multiple Watersheds | Preparedness | 7.50 | Riverine | Wharton | 10003431 | Multiple | No | \$250,000 | Yes, Unknown | 1901 | 1455 | 6429 | 6 | 0 | 0 | 57.10 | 1117.72 | Yes, Unknown | Yes, Unknown |
| 101000185 | 10 | Lower Colorado-Lavaca | City of Wharton City-wide Drainage Master Plan | Update/implement Drainage Master Plan | 10000028 | Wharton | 12090402, 12090302, 12090401 | 0 | Multiple Watersheds | Watershed Planning | 7.50 | Riverine | Wharton | 10003431 | Multiple | No | \$250,000 | Yes, Unknown | 1901 | 1455 | 6429 | 6 | 0 | 0 | 57.10 | 1117.72 | Yes, Unknown | Yes, Unknown |
| 101000208 | 10 | Lower Colorado-Lavaca | Glen Flora Drainage Master Plan and Levee Project | Watershed Study and Project Planning | 100000021, 100000025 | Wharton | 12090302, 12090401 | 0 | San Bernard, Lower Colorado | Watershed Planning | 0.60 | Riverine, Urban/ Local | Wharton County | 10000004 | Multiple | No | \$300,000 | Yes, Unknown | 48 | 31 | 65 | 0 | 0 | 0 | 1.41 | 112.05 | No, Unknown | No, Unknown |
| 101000211 | 10 | Lower Colorado-Lavaca | Jarvis Creek Channel Widening and Regional Detention Project | Drainage System Improvements | 100000021, 100000025, 100000027 | Wharton | 12090302, 12090402 | 0 | Lower Colorado | Project Planning | 31.41 | Riverine, Urban/ Local | Wharton County | 10000004 | Multiple | No | \$150,000 | Yes, Unknown | 755 | 618 | 1235 | 0 | 0 | 0 | 22.30 | 5475.36 | Yes, Unknown | Yes, Unknown |
| 101000212 | 10 | Lower Colorado-Lavaca | Louise Internal Drainage Master Plan | Drainage System Improvements | 100000021, 100000025 | Wharton | 12100102 | 0 | Navidad | Watershed Planning | 0.82 | Riverine, Urban/ Local | Wharton County | 10000004 | Multiple | No | \$400,000 | Yes, Unknown | 20 | 12 | 21 | 0 | 0 | 0 | 0.09 | 16.19 | Yes, Unknown | Yes, Unknown |
| 101000213 | 10 | Lower Colorado-Lavaca | Wharton County Drainage Master Plan Update | Watershed Study, implemented in several phases by watershed and based on local match funds available | 100000021, 100000025 | Wharton | 12090302, 12090401, 12090402, 12100102, 12100401 | 0 | Navidad, Central Matagorda Bay, Lower Colorado, East Matagorda Bay, San Bernard | Watershed Planning | 1090.72 | Riverine, Urban/ Local | Wharton County | 10000004 | Multiple | No | \$4,000,000 | Yes, Unknown | 7119 | 5091 | 15780 | 8 | 18 | 0 | 367.95 | 177474.02 | Yes, Unknown | Yes, Unknown |
| 101000240 | 10 | Lower Colorado-Lavaca | Town of Boling Drainage Master Plan | Drainage Master Plan to identify flood risk and potential mitigation actions including channel, storm drain, and streets | 10000025, 10000027 | Wharton | 12090402 | 0 | Caney Creek | Project Planning | 0.94 | Riverine | Wharton County | 10000004 | Multiple | No | \$150,000 | Yes, Unknown | 14 | 4 | 42 | 0 | 0 | 0 | 0.0905655 | 37.27 | Yes, Unknown | Yes, Unknown |
| 101000241 | 10 | Lower Colorado-Lavaca | Louise Drainage Master Plan | Drainage Master Plan to identify flood risk and potential mitigation actions including channel, storm drain, and streets | 10000025, 10000027 | Wharton | 12100102 | 0 | East Mustang Creek and Middle Mustang Creek | Project Planning | 8.27 | Riverine | Wharton County | 10000004 | Multiple | No | \$150,000 | Yes, Unknown | 50 | 30 | 63 | 0 | 0 | 0 | 5.1503282 | 1123.17 | Yes, Unknown | Yes, Unknown |
| 101000243 | 10 | Lower Colorado-Lavaca | Colorado River Levee Gate Structure Improvements | Evaluate BCA and define construction cost for new gate structures along the Eastern Colorado River Levee near Bay City, TX. | 10000025, 10000027 | Wharton | 12090302 | 0 | Caney Creek | Project Planning | 361.18 | Riverine | Wharton County | 10000004 | Multiple | No | \$100,000 | Yes, Unknown | 3531 | 2570 | 6869 | 4 | 1 | 0 | 152.5576782 | 83082.54 | No, Unknown | Yes, Unknown |

| FME ID | RFPG Number | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Sponsor ID | 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 (year) | Existing or Anticipated Maps (year) |
|-----------|-------------|-----------------------|---|---|--------------------|----------|----------|--------|-------------------|------------------|-----------------|-----------------|----------------|------------|-------------------------|----------------|----------------------|--|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|---------------------------------------|-------------------------------------|
| 101000244 | 10 | Lower Colorado-Lavaca | El Lobo Neighborhood Drainage Improvements | Evaluate BCA and define construction cost for levee improvements, channel improvements, and drainage improvements needed to reduce flood risk for the El Lobo Neighborhood. | 10000025, 10000027 | Wharton | 12090401 | 0 | San Bernard River | Project Planning | 1.97 | Riverine | Wharton County | 10000004 | Multiple | No | \$50,000 | Yes, Unknown | 136 | 117 | 223 | 0 | 0 | 0 | 5.6753368 | 561.89 | Yes, Unknown | Yes, Unknown |
| 101000245 | 10 | Lower Colorado-Lavaca | Pecan Valley Phase 2 Preliminary Engineering Report | Develop revised 30% design, evaluate BCA, update RAS 2D model | 10000025 | Wharton | 12090302 | 0 | Colorado River | Project Planning | 2.29 | Riverine | Wharton County | 10000004 | Multiple | No | \$100,000 | Yes, Unknown | 86 | 69 | 141 | 0 | 0 | 0 | 4.6658211 | 1320.42 | Yes, Unknown | Yes, Unknown |

Lower Colorado-Lavaca Region Potential Flood Mitigation Projects Identified by RFPG

| | | | | | | | | | | | | | | | | | | Flood Risk | | | | | | | | |
|-----------|-------------|-----------------------|---|---|-------------------------------------|----------|--------|---------------------------------|----------------|---------------------|---|----------------|------------|-------------------------|-------------------------|-----------------------------|--|---|---|---|---|---|---|---|---------------------------------------|---|
| FMP ID | RFPG Number | RFPG Name | FMP Name | Description | Associated Goals (ID) | Counties | HUC12s | Watershed Name | Project Type | Project Area (sqmi) | Flood Risk Type (Riverine, Coastal, Urban, Playa Other) | Sponsor | Sponsor ID | Entities with Oversight | Emergency Need (Yes/No) | Estimated Project Cost (\$) | Potential Funding (Sources and Amount) | Area in 100yr Floodplain (1% annual chance) | Area in 500yr Floodplain (0.2% annual chance) | Estimated number of structures (100yr flood risk) | Residential structures (100yr flood risk) | Estimated Population (100yr flood risk) | Critical facilities (100yr flood risk, #) | Number of low water crossings at flood risk (#) | Estimated number of road closures (#) | |
| 103000057 | 10 | Lower Colorado-Lavaca | Detention Pond at Hunters Crossing (DMP SB-01) | Outlet weir structure, berm improvements | 10000027,10000028 | Bastrop | - | Piney Creek-Colorado River | Detention Pond | 0.12 | Riverine | Bastrop | 10003203 | Multiple | No | \$708,000 | Yes, Unknown | 0.02 | 0.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 103000059 | 10 | Lower Colorado-Lavaca | SH-95 Improvements at Gills Branch (DMP GB-01) | Addition of culverts at SH-95 | 10000027,10000028 | Bastrop | - | Piney Creek-Colorado River | LWC upgrade | 0.02 | Riverine | Bastrop | 10003203 | Multiple | No | \$688,000 | Yes, Unknown | 0.01 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 103000005 | 10 | Lower Colorado-Lavaca | Gills Branch Flood Mitigation Improvements | 5,050 LF channel benching, 175 LF channel improvements, increased capacity at 3 roadway creek crossings, landscape walls | 10000027 | Bastrop | - | Lower Colorado-Cummins | Channel | 2.97 | Riverine | Bastrop | 10003203 | Multiple | No | \$6,240,000 | Yes, Unknown | 0.41 | 0.09 | 362 | 278 | 1713 | 1 | 5 | 0 | |
| 103000001 | 10 | Lower Colorado-Lavaca | Alum Creek - Cardinal Drive Improvements | 2 box culverts: 4x3 west, 4 box culverts: 4x2 east, 310 LF raised roadway and channel widening adjacent to roadway | 10000027 | Bastrop | - | Lower Colorado-Cummins | LWC upgrade | 4.53 | Riverine | Bastrop County | 00000028 | Multiple | No | \$545,000 | Yes, Unknown | 0.22 | 0.21 | 1 | 1 | 3 | 0 | 0 | 0 | |
| 103000002 | 10 | Lower Colorado-Lavaca | Alum Creek - Cardinal Drive Improvements (Tributary 11) | 5 box culverts: 7x6, 360 LF raised roadway and channel widening | 10000027 | Bastrop | - | Lower Colorado-Cummins | LWC upgrade | 2.44 | Riverine | Bastrop County | 00000028 | Multiple | No | \$719,000 | Yes, Unknown | 0.13 | 0.16 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 103000003 | 10 | Lower Colorado-Lavaca | Alum Creek - Cardinal Drive Improvements (Tributary 87) | 3 box culverts: 8x6, 100 LF raised roadway and channel widening | 10000027 | Bastrop | - | Lower Colorado-Cummins | LWC upgrade | 0.45 | Riverine | Bastrop County | 00000028 | Multiple | No | \$352,000 | Yes, Unknown | 0.03 | 0.02 | 1 | 1 | 2 | 0 | 0 | 0 | |
| 103000004 | 10 | Lower Colorado-Lavaca | Alum Creek - Ponderosa Loop Improvements | 3 box culverts: 8x5, 192 LF raised roadway | 10000027 | Bastrop | - | Lower Colorado-Cummins | LWC upgrade | 0.96 | Riverine | Bastrop County | 00000028 | Multiple | No | \$431,000 | Yes, Unknown | 0.01 | 0.05 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 103000060 | 10 | Lower Colorado-Lavaca | FM 812 at Little Alum Creek | Replace existing culvert with bridge and channel benching at FM 812 | 10000025,10000026,10000027,10000028 | Bastrop | - | Walnut Creek-Cedar Creek | LWC upgrade | 0.06 | Riverine | Bastrop County | 00000028 | Multiple | No | \$8,289,000 | Yes, Unknown | 0.04 | 0.05 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 103000061 | 10 | Lower Colorado-Lavaca | Piney Creek Mitigation | Bridge improvements and channel benching at SH95, Main St, and UPRR | 10000025,10000026,10000027,10000028 | Bastrop | - | Piney Creek-Colorado River | LWC upgrade | 1.03 | Riverine | Bastrop County | 00000028 | Multiple | No | \$23,992,000 | Yes, Unknown | 0.50 | 0.78 | 29 | 27 | 90 | 1 | 1 | 0 | |
| 103000034 | 10 | Lower Colorado-Lavaca | 8 Low Water Crossings - Flood Warning System | Install flood warning signals at 8 identified low water crossings that frequently overtop. Additional flow gauge installments. | 10000004 | Burnet | - | Austin-Travis Lakes | Preparedness | 15.77 | Riverine | Marble Falls | 10003109 | Multiple | No | \$220,000 | Yes, Unknown | 2.21 | 0.28 | 411 | 279 | 2042 | 1 | 27 | 0 | |
| 103000066 | 10 | Lower Colorado-Lavaca | Broadway Avenue at Backbone Creek Low Water Crossing | This FMP replaces the Broadway Street bridge and does channel improvements adjacent to the bridge. The existing bridge is approximately 150 feet long. The new bridge length will be increased to approximately 350 feet long and be raised up 10.5 feet. | 10000025,10000026,10000027,10000028 | Burnet | - | Backbone Creek - Colorado River | LWC upgrade | 0.08 | Riverine | Marble Falls | 10003109 | Multiple | No | \$5,235,000 | Yes, Unknown | 0.04 | 0.01 | 28 | 21 | 752 | 0 | 2 | 0 | |

Lower Colorado

| | | | Reduction in Flood Risk | | | | | | | | | | | | | | | | | | | | | |
|-----------|---|--|--|---|--|--|--|--|--|---|---|--|--|--|------------------------------|-------------------------------|------------------------|-----------------------------------|--------------------------|-------------------------------------|----------------------------------|-------------------------------|---------------------------------------|--------------------|
| FMP ID | Estimated length of roads at flood risk (Miles) | Estimated active farm & ranch land at flood risk (acres) | Number of structures with reduced 100yr Flood risk | Number of structures removed from 100yr Flood risk (1% annual chance) | 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 (1% annual chance) Flood risk (#) | Number of low water crossings removed from 100yr (1% annual chance) Flood risk (#) | Estimated reduction in road closure occurrences | Estimated length of roads removed from 100yr flood risk (Miles) | Estimated active farm & ranch land removed from 100yr flood risk (Acres) | Estimated reduction in fatalities (if available) | Estimated reduction in injuries (if available) | Pre-Project Level of Service | Post-Project Level of Service | Cost/Structure removed | Percent Nature-based Solution (%) | Negative Impact (Yes/No) | Negative Impact Mitigation (Yes/No) | Social Vulnerability Index (SVI) | Water Supply Benefit (Yes/No) | Traffic Count for Low Water Crossings | Benefit-Cost Ratio |
| 103000057 | 0.04 | 7.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 1.13 | Unknown | Unknown | >4% ACE | 1% ACE | | 0 | No | N/A | 0.399 | No | 815 | 0.03 |
| 103000059 | 0.62 | 0.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | >10% ACE | 4% ACE | | 0 | No | N/A | 0.598 | No | 24882 | 0.20 |
| 103000005 | 5.41 | 66.65 | 23 | 242 | 0 | 170 | 1051 | 1 | 4 | Unknown | 3 | 0.00 | Unknown | Unknown | >1% ACE | 1% ACE | \$25,785 | 0 | No | N/A | 0.419 | No | 0 | 1.15 |
| 103000001 | 0.02 | 133.56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | >50% ACE | 20% ACE | | 0 | No | N/A | 0.364 | No | 0 | 0.13 |
| 103000002 | 0.03 | 78.49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | >50% ACE | 10% ACE | | 0 | No | N/A | 0.259 | No | 0 | 0.47 |
| 103000003 | 0.02 | 14.00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | Unknown | 1 | 0.00 | Unknown | Unknown | >50% ACE | 1% ACE | | 0 | No | N/A | 0.259 | No | 0 | 0.05 |
| 103000004 | 0.03 | 4.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | >50% ACE | 10% ACE | | 0 | No | N/A | 0.259 | No | 0 | 0.01 |
| 103000060 | 0.80 | 20.22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 4.85 | Unknown | Unknown | >20% ACE | 1% ACE | | 39 | No | N/A | 0.315 | No | 2265 | 0.50 |
| 103000061 | 1.64 | 219.04 | 29 | 24 | 0 | 23 | 56 | 1 | 0 | Unknown | 1 | 80.14 | Unknown | Unknown | >50% ACE | 1% ACE | \$999,667 | 29 | No | N/A | 0.564 | No | 21028 | 0.60 |
| 103000034 | 10.05 | 604.68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | | 0 | No | N/A | 0.666 | No | 0 | 0.00 |
| 103000066 | 0.60 | 2.51 | 15 | 4 | 0 | 2 | 26 | 0 | 1 | 1 | 0 | 0.01 | Unknown | Unknown | 50% ACE | 1% ACE | \$1,308,750 | 10 | No | N/A | 0.692 | No | 0 | 0.70 |

TABLE 13: POTENTIAL FLOOD MITIGATION PROJECTS

| | | | | | | | | | | | | | | | | | | | Flood Risk | | | | | | |
|-----------|-------------|-----------------------|---|--|-------------------------------------|-----------|--------|----------------------------------|--------------|---------------------|---|-----------------|------------|-------------------------|-------------------------|-----------------------------|--|---|---|---|---|---|---|---|---------------------------------------|
| FMP ID | RFPG Number | RFPG Name | FMP Name | Description | Associated Goals (ID) | Counties | HUC12s | Watershed Name | Project Type | Project Area (sqmi) | Flood Risk Type (Riverine, Coastal, Urban, Playa Other) | Sponsor | Sponsor ID | Entities with Oversight | Emergency Need (Yes/No) | Estimated Project Cost (\$) | Potential Funding (Sources and Amount) | Area in 100yr Floodplain (1% annual chance) | Area in 500yr Floodplain (0.2% annual chance) | Estimated number of structures (100yr flood risk) | Residential structures (100yr flood risk) | Estimated Population (100yr flood risk) | Critical facilities (100yr flood risk, #) | Number of low water crossings at flood risk (#) | Estimated number of road closures (#) |
| 103000067 | 10 | Lower Colorado-Lavaca | Whitman Branch Industrial Area - Regional Detention | This FMP is regional stormwater detention that controls flows upstream of the Commerce Street area. The solution includes an approximately 36 ft tall earthen dam approximately 1750 feet long on Whitman Branch near Coach Drive. | 10000025,10000026,10000027,10000028 | Burnet | - | Backbone Creek - Colorado River | Dam | 0.92 | Riverine | Marble Falls | 10003109 | Multiple | No | \$28,000,000 | Yes, Unknown | 0.28 | 0.03 | 49 | 1 | 621 | 0 | 3 | 0 |
| 103000062 | 10 | Lower Colorado-Lavaca | Cedar Creek Channel Improvements Near Christian Drive | Channel improvements to reduce residential flooding near Christian Drive | 10000025,10000027 | Caldwell | - | Cedar Creek | Channel | 0.33 | Riverine | Caldwell County | 00000016 | Multiple | No | \$14,654,000 | Yes, Unknown | 0.30 | 0.02 | 16 | 9 | 14 | 0 | 1 | 0 |
| 103000063 | 10 | Lower Colorado-Lavaca | CR 170 Low Water Crossing Improvements @ Lytton Creek | Upgrade 2 existing low water crossings to include box culverts and channel improvements | 10000025,10000027 | Caldwell | - | Lytton Creek | LWC upgrade | 0.12 | Riverine | Caldwell County | 00000016 | Multiple | No | \$4,877,000 | Yes, Unknown | 0.06 | 0.01 | 0 | 0 | 0 | 0 | 2 | 0 |
| 103000064 | 10 | Lower Colorado-Lavaca | CR 172 Low Water Crossing Improvements @ Lytton Creek | Upgrade existing low water crossing to include box culverts and channel improvements | 10000025,10000027 | Caldwell | - | Lytton Creek | LWC upgrade | 0.04 | Riverine | Caldwell County | 00000016 | Multiple | No | \$4,574,000 | Yes, Unknown | 0.03 | 0.00 | 0 | 0 | 0 | 0 | 1 | 0 |
| 103000041 | 10 | Lower Colorado-Lavaca | City of Eagle Lake Water Plan Backup Generator | Retrofit plant with backup generator | 10000004 | Colorado | - | Lower Colorado | Preparedness | 0.00 | Riverine | Eagle Lake | 10003069 | Multiple | No | \$826,000 | Yes, Unknown | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 103000042 | 10 | Lower Colorado-Lavaca | Beasley City Hall Backup Generator | Emergency generator for VFW | 10000004 | Fort Bend | - | San Bernard | Preparedness | 0.00 | Riverine, Urban/ Local | Beasley | 00002921 | Multiple | No | \$83,000 | Yes, Unknown | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 103000043 | 10 | Lower Colorado-Lavaca | Beasley City Fire Department Backup Generator | Emergency generator for Fire Department | 10000004 | Fort Bend | - | San Bernard | Preparedness | 0.00 | Riverine, Urban/ Local | Beasley | 00002921 | Multiple | No | \$83,000 | Yes, Unknown | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 103000033 | 10 | Lower Colorado-Lavaca | S Bowie Low Water Crossing - Flood Warning System | Install FEWS with automatic gates & flashers | 10000004 | Gillespie | - | Buchanan-Lyndon B. Johnson Lakes | Preparedness | 17.67 | Riverine, Urban/ Local | Fredericksburg | 10002910 | Multiple | No | \$28,000 | Yes, Unknown | 0.97 | 0.32 | 30 | 18 | 36 | 0 | 1 | 0 |
| 103000037 | 10 | Lower Colorado-Lavaca | Lady Bird Golf Course Low Water Crossing - Flood Warning System | Install FEWS with automatic gates & flashers | 10000004 | Gillespie | - | Pedernales | Preparedness | 0.00 | Riverine | Fredericksburg | 10002910 | Multiple | No | \$28,000 | Yes, Unknown | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 1 | 0 |
| 103000038 | 10 | Lower Colorado-Lavaca | W Travis Low Water Crossing - Flood Warning System | Install FEWS with automatic gates & flashers | 10000004 | Gillespie | - | Pedernales | Preparedness | 0.00 | Riverine | Fredericksburg | 10002910 | Multiple | No | \$28,000 | Yes, Unknown | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 1 | 0 |
| 103000039 | 10 | Lower Colorado-Lavaca | Windmill Oaks Subdivision - Flood Warning System | FNI proposes to install FEWS with automatic gates & flashers | 10000004 | Gillespie | - | Pedernales | Preparedness | 0.00 | Riverine | Fredericksburg | 10002910 | Multiple | No | \$28,000 | Yes, Unknown | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 103000065 | 10 | Lower Colorado-Lavaca | Creek Street at Barons Creek | Upgrade existing low water crossing and channel improvements | 10000027 | Gillespie | - | Barons Creek | LWC upgrade | 0.00 | Riverine | Fredericksburg | 10002910 | Multiple | No | \$2,027,000 | Yes, Unknown | 0.00 | 0.00 | 1 | 1 | 3 | 0 | 0 | 0 |
| 103000044 | 10 | Lower Colorado-Lavaca | Emergency Management System Backup Generators | Purchase/install 30 kW generator to maintain government | 10000004 | Jackson | - | Lavaca | Preparedness | 0.00 | Riverine, Urban/ Local | Edna | 10002696 | Multiple | No | \$89,000 | Yes, Unknown | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 103000045 | 10 | Lower Colorado-Lavaca | City of Edna Safe Room Backup Generator | Purchase/install 100 kW generator to for Community Safe Room (triage center) | 10000004 | Jackson | - | Lavaca | Preparedness | 0.00 | Riverine | Edna | 10002696 | Multiple | No | \$150,000 | Yes, Unknown | 0.00 | 0.00 | 3 | 0 | 4 | 0 | 0 | 0 |
| 103000046 | 10 | Lower Colorado-Lavaca | City of Edna Sewer Lift Station Backup Generator | Purchase/install 30 kW generator to maintain WWTP | 10000004 | Jackson | - | Lavaca | Preparedness | 0.00 | Riverine | Edna | 10002696 | Multiple | No | \$89,000 | Yes, Unknown | 0.00 | 0.00 | 1 | 0 | 2 | 0 | 0 | 0 |
| 103000050 | 10 | Lower Colorado-Lavaca | City of Edna Hospital Backup Generator | Purchase permanent back-up generator for hospital | 10000004 | Jackson | - | Lavaca | Preparedness | 0.03 | Riverine | Edna | 10002696 | Multiple | No | \$500,000 | Yes, Unknown | 0.01 | 0.00 | 3 | 0 | 5 | 0 | 0 | 0 |

TABLE 13: POTENTIAL FLOOD MITIGATION PROJECTS

| FMP ID | Estimated length of roads at flood risk (Miles) | Estimated active farm & ranch land at flood risk (acres) | Reduction in Flood Risk | | | | | | | | | | | | | Pre-Project Level of Service | Post-Project Level of Service | Cost/Structure removed | Percent Nature-based Solution (%) | Negative Impact (Yes/No) | Negative Impact Mitigation (Yes/No) | Social Vulnerability Index (SVI) | Water Supply Benefit (Yes/No) | Traffic Count for Low Water Crossings | Benefit-Cost Ratio |
|-----------|---|--|--|---|--|--|--|--|--|---|---|--|---|---|----------|------------------------------|-------------------------------|------------------------|-----------------------------------|--------------------------|-------------------------------------|----------------------------------|-------------------------------|---------------------------------------|--------------------|
| | | | Number of structures with reduced 100yr Flood risk | Number of structures removed from 100yr Flood risk (1% annual chance) | 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 (1% annual chance) Flood risk (#) | Number of low water crossings removed from 100yr (1% annual chance) Flood risk | Estimated reduction in road closure occurrences | Estimated length of roads removed from 100yr flood risk (miles) | Estimated active farm & ranch land removed from 100yr flood risk (acres) | Estimated reduction in fatalities (# available) | Estimated reduction in injuries (# available) | | | | | | | | | | | |
| 103000067 | 0.84 | 109.04 | 11 | 38 | 0 | 1 | 91 | 0 | 1 | 2 | 0 | 5.26 | Unknown | Unknown | 50% ACE | 1% ACE | \$736,842 | 0 | No | N/A | 0.692 | No | 0 | 1.30 | |
| 103000062 | 0.56 | 0.00 | 7 | 9 | 0 | 8 | 24 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | Unknown | Unknown | \$1,628,222 | 5 | No | N/A | 0.606 | No | 0 | 0.00 | |
| 103000063 | 0.34 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | Unknown | 0 | 0.00 | Unknown | Unknown | Unknown | 50% ACE | | 5 | No | N/A | 0.606 | No | 0 | 0.10 | |
| 103000064 | 0.11 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | Unknown | 1% ACE | | 5 | No | N/A | 0.606 | No | 0 | 0.50 | |
| 103000041 | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | | 0 | No | N/A | 0.706 | No | 0 | 0.00 | |
| 103000042 | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | | 0 | No | N/A | 0.483 | No | 0 | 0.00 | |
| 103000043 | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | | 0 | No | N/A | 0.483 | No | 0 | 0.00 | |
| 103000033 | 0.00 | 575.36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | | 0 | No | N/A | 0.380 | No | 0 | 0.00 | |
| 103000037 | 0.00 | 0.12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | | 0 | No | N/A | 0.641 | No | 0 | 0.00 | |
| 103000038 | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | | 0 | No | N/A | 0.380 | No | 0 | 0.00 | |
| 103000039 | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | | 0 | No | N/A | 0.641 | No | 0 | 0.00 | |
| 103000065 | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | >50% ACE | 10% ACE | | 0 | No | N/A | 0.443 | No | 0 | 0.30 | |
| 103000044 | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | | 0 | No | N/A | 0.558 | No | 0 | 0.00 | |
| 103000045 | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | | 0 | No | N/A | 0.635 | No | 0 | 0.00 | |
| 103000046 | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | | 0 | No | N/A | 0.635 | No | 0 | 0.00 | |
| 103000050 | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | | 0 | No | N/A | 0.558 | No | 0 | 0.00 | |

TABLE 13: POTENTIAL FLOOD MITIGATION PROJECTS

| | | | | | | | | | | | | | | | | | | Flood Risk | | | | | | | |
|-----------|-------------|-----------------------|--|---|--|----------|--------|------------------------|------------------------|---------------------|---|----------------|------------|-------------------------|-------------------------|-----------------------------|--|---|---|---|---|---|---|---|---------------------------------------|
| FMP ID | RFPG Number | RFPG Name | FMP Name | Description | Associated Goals (ID) | Counties | HUC12s | Watershed Name | Project Type | Project Area (sqmi) | Flood Risk Type (Riverine, Coastal, Urban, Playa Other) | Sponsor | Sponsor ID | Entities with Oversight | Emergency Need (Yes/No) | Estimated Project Cost (\$) | Potential Funding (Sources and Amount) | Area in 100yr Floodplain (1% annual chance) | Area in 500yr Floodplain (0.2% annual chance) | Estimated number of structures (100yr flood risk) | Residential structures (100yr flood risk) | Estimated Population (100yr flood risk) | Critical facilities (100yr flood risk, #) | Number of low water crossings at flood risk (#) | Estimated number of road closures (#) |
| 103000047 | 10 | Lower Colorado-Lavaca | City of Ganado Sewer Lift Station Backup Generator | Emergency generators for sewer lift stations | 10000004 | Jackson | - | Navidad | Preparedness | 1.12 | Riverine | Ganado | 10002698 | Multiple | No | \$89,000 | Yes, Unknown | 0.10 | 0.05 | 28 | 17 | 77 | 0 | 0 | 0 |
| 103000048 | 10 | Lower Colorado-Lavaca | Jackson County Courthouse Backup Generator | Purchase generator for courthouse | 10000004 | Jackson | - | Lavaca | Preparedness | 0.00 | Riverine, Urban/ Local | Jackson County | 10000098 | Multiple | No | \$89,000 | Yes, Unknown | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 103000054 | 10 | Lower Colorado-Lavaca | Portable Electronic Signs | Portable electronic signs | 10000004 | Jackson | - | East Matagorda Bay | Preparedness | 0.85 | Riverine | La Ward | 10002705 | Multiple | No | \$56,000 | Yes, Unknown | 0.24 | 0.01 | 17 | 7 | 17 | 0 | 0 | 0 |
| 103000051 | 10 | Lower Colorado-Lavaca | Various Streets - Flood Warning System | Purchase flood early warning system | 10000004 | Menard | - | San Saba | Preparedness | 2.19 | Riverine, Urban/ Local | Menard | 10002764 | Multiple | No | \$310,000 | Yes, Unknown | 0.93 | 0.03 | 518 | 372 | 1020 | 5 | 11 | 0 |
| 103000031 | 10 | Lower Colorado-Lavaca | South Austin Regional WWTP / Sand Hill Energy Center Flood Reduction | Structural flood mitigation measures to protect WWTP | 10000025 | Travis | - | Austin-Travis Lakes | Flood Walls and Levees | 0.38 | Riverine | Austin | 00002700 | Multiple | No | \$115,000,000 | Yes, Unknown | 0.35 | 0.03 | 57 | 0 | 239 | 2 | 0 | 0 |
| 103000032 | 10 | Lower Colorado-Lavaca | Walnut Creek Wastewater Treatment Plant Flood Wall | Sheetpile floodwall installation to protect WWTP | 10000025 | Travis | - | Austin-Travis Lakes | Flood Walls and Levees | 0.19 | Riverine | Austin | 00002700 | Multiple | No | \$31,462,000 | Yes, Unknown | 0.04 | 0.05 | 1 | 0 | 0 | 1 | 0 | 0 |
| 103000055 | 10 | Lower Colorado-Lavaca | Dalton Lane Low Water Crossing Improvements | Project replaces culverts of 2 exist. low water crossings (LWC) with new bridges. The LWC flood in the 2-yr storm and the project will prevent the LWCs from overtopping in the 100-yr storm. Creek restoration downstream of the crossings to prevent erosion. | 10000025 | Travis | - | Carson Creek | LWC upgrade | 2.29 | Riverine | Austin | 00002700 | Multiple | No | \$19,138,000 | Yes, Unknown | 0.33 | 0.04 | 0 | 0 | 0 | 0 | 2 | 0 |
| 103000056 | 10 | Lower Colorado-Lavaca | Waller Creek - Guadalupe St Flood Risk Reduction Project | Install new storm drain, detention ponds, and LID | 10000025, 10000027 | Travis | - | Town Lake | Storm Drain | 2.71 | Riverine, Urban/ Local | Austin | 00002700 | Multiple | No | \$72,072,000 | Yes, Unknown | 0.12 | 0.03 | 207 | 179 | 1,053 | 0 | 5 | 0 |
| 103000053 | 10 | Lower Colorado-Lavaca | Steiner Ranch WWTP Backup Generator | Purchase stand-by generator for WWTP | 10000004 | Travis | - | Austin-Travis Lakes | Preparedness | 0.00 | Riverine | Briarcliff | 10003188 | Multiple | No | \$809,000 | Yes, Unknown | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 103000023 | 10 | Lower Colorado-Lavaca | Sandy Creek/Pecan Park Areas Buyout | Acquisition of 11 residential properties located in the regulatory 1% ACE floodplain and floodway on Sandy Creek, Pecan Park area | 10000021 | Travis | - | Austin-Travis Lakes | Property Acquisition | 0.04 | Riverine | Jonestown | 10003455 | Multiple | No | \$1,050,000 | Yes, Unknown | 0.02 | 0.00 | 12 | 10 | 14 | 0 | 0 | 0 |
| 103000052 | 10 | Lower Colorado-Lavaca | Jonestown Flood Warning System | Floodplain early warning system and local response plan | 10000004 | Travis | - | Austin-Travis Lakes | Preparedness | 7.55 | Riverine | Jonestown | 10003455 | Multiple | No | \$54,000 | Yes, Unknown | 1.99 | 0.16 | 321 | 255 | 562 | 0 | 2 | 0 |
| 103000006 | 10 | Lower Colorado-Lavaca | FM 685 Crossing Improvements | Integrated with E. Pflugerville Prkwy improvement, 100 FT wide channel bench 1,700 LF, four 50 FT span bridge, 810 LF raised roadway | 10000025, 10000027 | Travis | - | Lower Colorado-Cummins | Channel | 4.47 | Riverine | Pflugerville | 00003458 | Multiple | No | \$7,660,000 | Yes, Unknown | 0.40 | 0.13 | 13 | 10 | 47 | 0 | 0 | 0 |
| 103000007 | 10 | Lower Colorado-Lavaca | E. Pflugerville Parkway Crossing Improvements | Integrated with FM685 improvement, 100 FT wide channel bench 1,700 LF, four 50 FT span bridge, remove concrete drop structure | 10000025, 10000027 | Travis | - | Lower Colorado-Cummins | Channel | 4.47 | Riverine | Pflugerville | 00003458 | Multiple | No | \$2,860,000 | Yes, Unknown | 0.40 | 0.13 | 13 | 10 | 47 | 0 | 0 | 0 |
| 103000068 | 10 | Lower Colorado-Lavaca | Immanuel Road/Pecan Park at Upper Gilleland Creek (DMP GC-05) | Channel improvements and embankment construction | 10000025, 10000026, 10000027, 10000028 | Travis | - | Wilbarger Creek | Flood Walls and Levees | 0.10 | Riverine | Pflugerville | 00003458 | Multiple | No | \$4,863,000 | Yes, Unknown | 0.05 | 0.00 | 20 | 20 | 185 | 0 | 0 | 0 |

TABLE 13: POTENTIAL FLOOD MITIGATION PROJECTS

| FMP ID | Estimated length of roads at flood risk (Miles) | Estimated active farm & ranch land at flood risk (acres) | Reduction in Flood Risk | | | | | | | | | | | | | Pre-Project Level of Service | Post-Project Level of Service | Cost/Structure removed | Percent Nature-based Solution (%) | Negative Impact (Yes/No) | Negative Impact Mitigation (Yes/No) | Social Vulnerability Index (SVI) | Water Supply Benefit (Yes/No) | Traffic Count for Low Water Crossings | Benefit-Cost Ratio |
|-----------|---|--|--|---|--|--|--|--|--|---|---|--|---|---|----------|------------------------------|-------------------------------|------------------------|-----------------------------------|--------------------------|-------------------------------------|----------------------------------|-------------------------------|---------------------------------------|--------------------|
| | | | Number of structures with reduced 100yr Flood risk | Number of structures removed from 100yr Flood risk (1% annual chance) | 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 (1% annual chance) Flood risk (#) | Number of low water crossings removed from 100yr (1% annual) | Estimated reduction in road closure occurrences | Estimated length of roads removed from 100yr flood risk (miles) | Estimated active farm & ranch land removed from 100yr flood risk | Estimated reduction in fatalities (# available) | Estimated reduction in injuries (# available) | | | | | | | | | | | |
| 103000047 | 0.42 | 27.73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | 0 | No | N/A | 0.513 | No | 0 | 0.00 | |
| 103000048 | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | 0 | No | N/A | 0.558 | No | 0 | 0.00 | |
| 103000054 | 1.05 | 133.90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | 0 | No | N/A | 0.513 | No | 0 | 0.00 | |
| 103000051 | 0.00 | 243.27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | 0 | No | N/A | 0.541 | No | 0 | 0.00 | |
| 103000031 | 0.00 | 130.33 | 0 | 57 | 12 | 0 | 0 | 1 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | >1% ACE | <1% ACE | \$2,017,544 | 0 | No | N/A | 0.541 | No | 0 | 7.21 |
| 103000032 | 0.00 | 6.34 | 0 | 1 | 6 | 0 | 0 | 1 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | >1% ACE | <0.5% ACE | \$31,462,000 | 0 | No | N/A | 0.848 | No | 0 | 8.37 |
| 103000055 | 0.40 | 10.00 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0.00 | Unknown | Unknown | 2% ACE | 1% ACE | 0 | No | N/A | 0.713 | No | 0 | 1.10 | | |
| 103000056 | 2.58 | 0.00 | 122 | 86 | 0 | 0 | 618 | 0 | 0 | 86 | 1 | 0.00 | Unknown | Unknown | <50% ACE | 10% ACE | \$838,047 | 0 | No | N/A | 0.168 | No | 0 | 1.00 | |
| 103000053 | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | 0 | No | N/A | 0.118 | No | 0 | 0.00 | |
| 103000023 | 0.48 | 3.81 | 0 | 11 | 0 | 10 | 10 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | \$95,455 | 0 | No | N/A | 0.182 | No | 0 | 1.05 |
| 103000052 | 2.48 | 422.69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | 0 | No | N/A | 0.206 | No | 0 | 0.00 | |
| 103000006 | 1.02 | 178.10 | 0 | 5 | 0 | 0 | 37 | 0 | 1 | 0 | Unknown | 1 | 0.00 | Unknown | Unknown | 50% ACE | 1% ACE | \$1,532,000 | 0 | No | N/A | 0.193 | No | 0 | 0.10 |
| 103000007 | 1.02 | 178.10 | 0 | 5 | 0 | 0 | 37 | 0 | 1 | 0 | Unknown | 1 | 0.00 | Unknown | Unknown | 10% ACE | 1% ACE | \$572,000 | 0 | No | N/A | 0.193 | No | 0 | 0.17 |
| 103000068 | 0.62 | 13.49 | 20 | 20 | 0 | 20 | 185 | 0 | 0 | 0 | Unknown | 1 | 4.97 | Unknown | Unknown | >20% ACE | 10% ACE | \$243,150 | 46 | No | N/A | 0.348 | No | 7026 | 1.50 |

| | | | | | | | | | | | | | | | | | | Flood Risk | | | | | | | |
|-----------|-------------|-----------------------|--|--|-----------------------|----------|--------|------------------------|--------------------|---------------------|---|-----------------|------------|-------------------------|-------------------------|-----------------------------|--|---|---|---|---|---|---|---|---------------------------------------|
| FMP ID | RFPG Number | RFPG Name | FMP Name | Description | Associated Goals (ID) | Counties | HUC12s | Watershed Name | Project Type | Project Area (sqmi) | Flood Risk Type (Riverine, Coastal, Urban, Playa Other) | Sponsor | Sponsor ID | Entities with Oversight | Emergency Need (Yes/No) | Estimated Project Cost (\$) | Potential Funding (Sources and Amount) | Area in 100yr Floodplain (1% annual chance) | Area in 500yr Floodplain (0.2% annual chance) | Estimated number of structures (100yr flood risk) | Residential structures (100yr flood risk) | Estimated Population (100yr flood risk) | Critical facilities (100yr flood risk, #) | Number of low water crossings at flood risk (#) | Estimated number of road closures (#) |
| 103000008 | 10 | Lower Colorado-Lavaca | Highland Park Subdivision Culvert Improvements | Add two 8x4 RCBs; grading US overbank; 1.5 FT tall 150 FT long berm to prevent water flowing onto Crater of the Moon Blvd | 10000025, 10000027 | Travis | - | Lower Colorado-Cummins | LWC upgrade | 0.73 | Riverine | Travis County | 00000034 | Multiple | No | \$533,000 | Yes, Unknown | 0.02 | 0.01 | 3 | 3 | 9 | 0 | 0 | 0 |
| 103000009 | 10 | Lower Colorado-Lavaca | Cele Road Crossing Improvements | Four 50 FT span bridge, 1160 LF raised road | 10000025, 10000027 | Travis | - | Lower Colorado-Cummins | LWC upgrade | 4.32 | Riverine | Travis County | 00000034 | Multiple | No | \$3,970,000 | Yes, Unknown | 0.45 | 0.10 | 8 | 5 | 13 | 0 | 0 | 0 |
| 103000011 | 10 | Lower Colorado-Lavaca | Cameron Road Crossing Improvements | Six 50 FT span bridge, 1520 LF raised road, channel grading and widening | 10000025, 10000027 | Travis | - | Lower Colorado-Cummins | LWC upgrade | 23.83 | Riverine | Travis County | 00000034 | Multiple | No | \$2,860,000 | Yes, Unknown | 3.19 | 1.04 | 130 | 54 | 207 | 0 | 2 | 0 |
| 103000025 | 10 | Lower Colorado-Lavaca | Onion Creek Structure Elevation | Elevation of 15 residential properties in the 1% ACE floodplain at Arroyo Doble and Onion Creek Meadows neighborhoods | 10000021 | Travis | - | Austin-Travis Lakes | Property Elevation | 0.02 | Riverine | Travis County | 00000034 | Multiple | No | \$2,800,000 | Yes, Unknown | 0.02 | 0.00 | 19 | 19 | 28 | 0 | 0 | 0 |
| 103000026 | 10 | Lower Colorado-Lavaca | Bluff Springs Elevation | Elevation of 39 residential properties in the 1% ACE floodplain | 10000021 | Travis | - | Austin-Travis Lakes | Property Elevation | 0.15 | Riverine | Travis County | 00000034 | Multiple | No | \$6,980,000 | Yes, Unknown | 0.15 | 0.00 | 94 | 73 | 109 | 0 | 0 | 0 |
| 103000027 | 10 | Lower Colorado-Lavaca | Onion Creek Meadows Elevation | Elevation of 6 residential properties in the 1% ACE floodplain | 10000021 | Travis | - | Austin-Travis Lakes | Property Elevation | 0.01 | Riverine, Urban/ Local | Travis County | 00000034 | Multiple | No | \$894,000 | Yes, Unknown | 0.00 | 0.00 | 6 | 0 | 0 | 0 | 0 | 0 |
| 103000040 | 10 | Lower Colorado-Lavaca | Red Bud Trail - Flood Warning System | Install automatic warning system for Ullrich Water Treatment Plant | 10000004 | Travis | - | Austin-Travis Lakes | Preparedness | 0.06 | Riverine | West Lake Hills | 10003460 | Multiple | No | \$28,000 | Yes, Unknown | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 103000070 | 10 | Lower Colorado-Lavaca | Peach Creek Channel Improvements | Channel Benching along lower Peach Creek for approximately 22,900 liner feet. Easement Acquisition, and channel stabilization measures | 10000025, 10000027 | Wharton | - | Wilbarger Creek | Channel | 13.12 | Riverine | Wharton County | 10000004 | Multiple | No | \$2,100,000 | Yes, Unknown | 12.11 | 0.18 | 98 | 98 | 245 | 0 | 0 | 0 |

TABLE 13: POTENTIAL FLOOD MITIGATION PROJECTS

| | | Reduction in Flood Risk | | | | | | | | | | | | | | | | | | | | | | |
|-----------|---|--|--|---|--|--|--|--|--|---|---|--|---|---|------------------------------|-------------------------------|------------------------|-----------------------------------|--------------------------|-------------------------------------|----------------------------------|-------------------------------|---------------------------------------|--------------------|
| FMP ID | Estimated length of roads at flood risk (Miles) | Estimated active farm & ranch land at flood risk (acres) | Number of structures with reduced 100yr Flood risk | Number of structures removed from 100yr Flood risk (1% annual chance) | 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 (1% annual chance) Flood risk (#) | Number of low water crossings removed from 100yr (1% annual) | Estimated reduction in road closure occurrences | Estimated length of roads removed from 100yr flood risk (miles) | Estimated active farm & ranch land removed from 100yr flood risk | Estimated reduction in fatalities (# available) | Estimated reduction in injuries (# available) | Pre-Project Level of Service | Post-Project Level of Service | Cost/Structure removed | Percent Nature-based Solution (%) | Negative Impact (Yes/No) | Negative Impact Mitigation (Yes/No) | Social Vulnerability Index (SVI) | Water Supply Benefit (Yes/No) | Traffic Count for Low Water Crossings | Benefit-Cost Ratio |
| 103000008 | 0.00 | 8.62 | 0 | 3 | 3 | 3 | 0 | 0 | 1 | Unknown | 0 | 0.00 | Unknown | Unknown | >2% ACE | 1% ACE | \$177,667 | 0 | No | N/A | 0.214 | No | 0 | 0.30 |
| 103000009 | 0.79 | 195.96 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | Unknown | 1 | 0.00 | Unknown | Unknown | >50% ACE | 1% ACE | | 0 | No | N/A | 0.024 | No | 0 | 0.02 |
| 103000011 | 4.37 | 1388.77 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | Unknown | 1 | 0.00 | Unknown | Unknown | >50% ACE | 1% ACE | | 0 | No | N/A | 0.131 | No | 0 | 0.07 |
| 103000025 | 0.11 | 7.79 | 0 | 15 | 0 | 15 | 28 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | \$186,667 | 0 | No | N/A | 0.344 | No | 0 | 1.00 |
| 103000026 | 0.59 | 31.87 | 0 | 39 | 0 | 39 | 109 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | \$178,974 | 0 | No | N/A | 0.531 | No | 0 | 1.03 |
| 103000027 | 0.00 | 0.00 | 0 | 6 | 0 | 6 | 13 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | \$149,000 | 0 | No | N/A | 0.344 | No | 0 | 1.51 |
| 103000040 | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | | 0 | No | N/A | 0.274 | No | 0 | 0.00 |
| 103000070 | 11.50 | 2560.00 | 54 | 79 | 0 | 79 | 197 | 0 | 0 | Unknown | 8 | 2179.00 | Unknown | Unknown | Unknown | Unknown | \$26,582 | 0 | No | N/A | 0.854 | No | 0 | 2.20 |

Lower Colorado-Lavaca Region Potential Flood Management Strategies Identified by RFPG

| FMS ID | RFPG Number | RFPG Name | FMS Name | Description | Associated Goals (ID) | Counties | HUC8s | HUC12s | Watershed Name | Project Type | Strategy Project Area (sqmi) | Flood Risk Type (Riverine, Coastal, Urban, Playa Other) | Sponsor | Entities with Oversight | Emergency Need (Yes/No) | Nonrecurring, Noncapital Cost (\$) | Estimated Total Strategy Cost (\$) | Potential Funding (Sources and Amount) | Flood Risk | | | | | |
|-----------|-------------|-----------------------|---|--|--|----------|-------|--------|----------------|---|------------------------------|---|----------------------------|-------------------------|-------------------------|------------------------------------|------------------------------------|--|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Area in 100yr Floodplain (1% annual chance) | Area in 500yr Floodplain (0.2% annual chance) | Estimated number of structures (100yr flood risk) | Residential structures (100yr flood risk) | Estimated Population (100yr flood risk) | Critical facilities (100yr flood risk, #) |
| 102000001 | 10 | Lower Colorado-Lavaca | Floodplain Management and Regulation | Education, outreach and direct technical assistance to cities and counties throughout Region 10, with a particular focus on providing targeted assistance cities that are eligible but not currently participating in the NFIP. | 10000012, 10000014, 10000016, 10000018 | All | All | - | All | Education and Outreach | 24288.7578 | Riverine, Coastal, Urban | Lower Colorado-Lavaca RFPG | Multiple | No | - | - | Yes, Unknown | 4526.362793 | 725.553894 | 67825 | 45799 | 220871 | 94 |
| 102000002 | 10 | Lower Colorado-Lavaca | Flood Awareness and Preparation Education and Outreach | Activities not limited to implementing/improving flood education and awareness programs for residents, elected officials, and real estate agents/developers; and flood insurance campaigns to reduce flood risk and increase NFIP participation. | 10000002 | All | All | - | All | Education and Outreach | 24288.7578 | Riverine, Coastal, Urban | Lower Colorado-Lavaca RFPG | Multiple | No | - | - | Yes, Unknown | 4526.362793 | 725.553894 | 67825 | 45799 | 220871 | 94 |
| 102000003 | 10 | Lower Colorado-Lavaca | Low Water Crossing Assessment, Prioritization, and Mitigation | Similar to the recommended regional strategy to conduct outreach and provide technical assistance to those with floodplain management and regulation, this strategy is to provide technical assistance with the assessment of flood risk at LWCs. | 10000027 | All | All | - | All | Infrastructure Projects | 24288.7578 | Riverine, Coastal, Urban | Lower Colorado-Lavaca RFPG | Multiple | No | - | - | Yes, Unknown | 4526.362793 | 725.553894 | 67825 | 45799 | 220871 | 94 |
| 102000004 | 10 | Lower Colorado-Lavaca | Stream Corridor Protection and Restoration | The essence of this strategy is open space acquisition, either through fee simple purchases of property within sensitive stream corridors or through voluntary agreements between governmental and/or non-governmental organizations and private landowners. | 10000023 | All | All | - | All | Property Acquisition and Structural Elevation | 24288.7578 | Riverine, Coastal, Urban | Lower Colorado-Lavaca RFPG | Multiple | No | - | - | Yes, Unknown | 4526.362793 | 725.553894 | 67825 | 45799 | 220871 | 94 |
| 102000005 | 10 | Lower Colorado-Lavaca | Watershed Modeling and Floodplain Mapping | Watershed Modeling and Floodplain Mapping | 10000012, 10000014, 10000016, 10000018 | All | All | - | All | Flood Measurement and Warning | 24288.7578 | Riverine, Coastal, Urban | Lower Colorado-Lavaca RFPG | Multiple | No | - | - | Yes, Unknown | 4526.362793 | 725.553894 | 67825 | 45799 | 220871 | 94 |

| FMS ID | 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) | Reduction in Flood Risk | | | | | | | | | | | | Cost/ Structure removed | Consideration of Nature-based Solution (Yes/No) | Negative Impact (Yes/No) | Negative Impact Mitigation (Yes/No) | Water Supply Benefit (Yes/No) |
|-----------|---|---------------------------------------|---|--|---|---|---|---|---|--|--|---|---|--|--|--|-------------------------|---|--------------------------|-------------------------------------|-------------------------------|
| | | | | | Number of structures with reduced 100yr Flood risk (1% annual chance) | Number of structures removed from 100yr Flood risk (1% annual chance) | Number of structures removed from 500yr Flood risk (0.2% annual chance) | Residential structures removed from 100yr Flood risk (1% annual chance) | Estimated Population removed from 100yr Flood risk (1% annual chance) | Critical facilities removed from 100yr (1% annual chance) Flood risk (#) | Number of low water crossings removed from 100yr (1% annual chance) Flood risk (#) | Estimated reduction in road closure occurrences | Estimated length of roads removed from 100yr flood risk (Miles) | Estimated active farm & ranch land removed from 100yr flood risk (acres) | Estimated reduction in fatalities (if available) | Estimated reduction in injuries (if available) | | | | | |
| 102000001 | 1132 | 0 | 2374 | 2268491.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | No | N/A | No |
| 102000002 | 1132 | 0 | 2374 | 2268491.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | No | N/A | No |
| 102000003 | 1132 | 0 | 2374 | 2268491.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | No | N/A | No |
| 102000004 | 1132 | 0 | 2374 | 2268491.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | No | N/A | No |
| 102000005 | 1132 | 0 | 2374 | 2268491.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | No | N/A | No |

Lower Colorado-Lavaca Region Flood Management Evaluations Recommended by RFPG

| FME ID | RFPG Number | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Sponsor_ID | 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 (year) | Existing or Anticipated Maps (year) | RFPG Recommendation (Yes / No) | Reason for Recommendation |
|-----------|-------------|-----------------------|---|--|---|----------|----------|--------------|----------------------------|--------------------|-----------------|---------------------------------|--------------------------------|------------|-------------------------|----------------|----------------------|--|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|---------------------------------------|-------------------------------------|--------------------------------|------------------------------------|
| 101000194 | 10 | Lower Colorado-Lavaca | Identify and Assess Flood Risk and Potential Mitigation Solutions for Low SVI Communities | Proactively seek out these communities to more fully assess and document their flood risk, consider potential solutions, and lay out a path to implement feasible and appropriate solutions. | 10000012, 10000014, 10000016, 10000018 | All | 0 | 0 | Multiple Watersheds | Watershed Planning | 24288.76 | Riverine, Coastal, Urban/ Local | Lower Colorado River Authority | 00000307 | Multiple | No | \$150,000 | Yes, Unknown | 67825 | 45799 | 149869 | 94 | 1132 | 0 | 2373.86 | 2268491.50 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000215 | 10 | Lower Colorado-Lavaca | Hill, Pecan, & Pine Street Drainage Improvements (DMP GB-04) | Evaluate proposed improvements to include H&H modeling with Atlas 14 rainfall, limited field survey and geotechnical investigations, prelim design of improvements, risk reduction analysis, NAI verification, cost estimate, BCA, and constraint evaluation | 10000007,10000008,10000025,10000026,10000027,10000028 | Bastrop | 12090301 | 120903010206 | Piney Creek-Colorado River | Project Planning | 0.07 | Urban/ Local | Bastrop | 10003203 | Multiple | No | \$600,000 | Yes, Unknown | 73 | 53 | 285 | 0 | 0 | 0 | 1.17 | 0.06 | No, Unknown | No, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000216 | 10 | Lower Colorado-Lavaca | Local Storm Drain Improvements Near Piney Creek (DMP PC-04) | Evaluate proposed improvements to include H&H modeling with Atlas 14 rainfall, limited field survey and geotechnical investigations, prelim design of improvements, risk reduction analysis, NAI verification, cost estimate, BCA, and constraint evaluation | 10000007,10000008,10000025,10000026,10000027,10000028 | Bastrop | 12090301 | 120903010205 | Piney Creek-Colorado River | Project Planning | 0.07 | Urban/ Local | Bastrop | 10003203 | Multiple | No | \$360,000 | Yes, Unknown | 83 | 77 | 119 | 0 | 0 | 0 | 1.33 | 1.23 | No, Unknown | No, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000217 | 10 | Lower Colorado-Lavaca | Pecan Street Bypass & Pond Diversion (DMP PC-05) | Evaluate proposed improvements to include H&H modeling with Atlas 14 rainfall, limited field survey and geotechnical investigations, prelim design of improvements, risk reduction analysis, NAI verification, cost estimate, BCA, and constraint evaluation | 10000007,10000008,10000025,10000026,10000027,10000028 | Bastrop | 12090301 | 120903010205 | Piney Creek-Colorado River | Project Planning | 0.11 | Urban/ Local | Bastrop | 10003203 | Multiple | No | \$1,700,000 | Yes, Unknown | 67 | 66 | 103 | 0 | 0 | 0 | 0.66 | 3.88 | No, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000218 | 10 | Lower Colorado-Lavaca | Pecan, Beech, & Haysel Improvements to Gills Branch (DMP GB-05) | Evaluate proposed improvements to include H&H modeling with Atlas 14 rainfall, limited field survey and geotechnical investigations, prelim design of improvements, risk reduction analysis, NAI verification, cost estimate, BCA, and constraint evaluation | 10000007,10000008,10000025,10000026,10000027,10000028 | Bastrop | 12090301 | 120903010206 | Piney Creek-Colorado River | Project Planning | 0.05 | Urban/ Local | Bastrop | 10003203 | Multiple | No | \$1,400,000 | Yes, Unknown | 57 | 41 | 964 | 0 | 0 | 0 | 1.02 | 0.00 | No, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |

| FME ID | RFPG Number | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Sponsor_ID | 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 (year) | Existing or Anticipated Maps (year) | RFPG Recommendation (Yes / No) | Reason for Recommendation |
|-----------|-------------|-----------------------|---|--|---|----------|-------------------------|---------------------------|--|------------------|-----------------|-----------------|----------------|------------|-------------------------|----------------|----------------------|--|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|---------------------------------------|-------------------------------------|--------------------------------|------------------------------------|
| 101000219 | 10 | Lower Colorado-Lavaca | Bastrop CCTV Storm Drain Evaluation (DMP COB-02) | Assess the existing storm drain infrastructure within the City of Bastrop utilizing closed-circuit television inspection. Analyze approximately 17,000' of storm drain infrastructure to develop a storm drain maintenance and improvement plan. | 10000007,10000008,10000025,10000026,10000027,10000028 | Bastrop | 12090301 | 120903010206,120903010205 | Piney Creek-Colorado River | Project Planning | 1.77 | Urban/ Local | Bastrop | 10003203 | Multiple | No | \$350,000 | Yes, Unknown | 659 | 526 | 2890 | 2 | 3 | 0 | 7.77 | 108.44 | No, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000220 | 10 | Lower Colorado-Lavaca | Water, Spring, & Cedar Street Drainage Improvements (DMP GB-03) | Evaluate proposed improvements to include H&H modeling with Atlas 14 rainfall, limited field survey and geotechnical investigations, prelim design of improvements, risk reduction analysis, NAI verification, cost estimate, BCA, and constraint evaluation | 10000007,10000008,10000025,10000026,10000027,10000028 | Bastrop | 12090301 | 120903010206,120903010205 | Piney Creek-Colorado River | Project Planning | 0.22 | Urban/ Local | Bastrop | 10003203 | Multiple | No | \$1,800,000 | Yes, Unknown | 132 | 111 | 1188 | 1 | 0 | 0 | 1.71 | 0.73 | No, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000246 | 10 | Lower Colorado-Lavaca | Riverwood Drive Improvements at Piney Creek (DMP PC-02) | Evaluate proposed improvements to include H&H modeling with Atlas 14 rainfall, limited field survey and geotechnical investigations, prelim design of improvements, risk reduction analysis, NAI verification, cost estimate, BCA, and constraint evaluation | 10000007,10000008,10000025,10000026,10000027,10000028 | Bastrop | 12090301 | 120903010204,120903010205 | Piney Creek-Colorado River | Project Planning | 0.26 | Riverine | Bastrop | 10003203 | Multiple | No | \$160,000 | Yes, Unknown | 10 | 6 | 8 | 1 | 1 | 0 | 0.54 | 85.48999786 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000002 | 10 | Lower Colorado-Lavaca | Shiloh Road Bridge West of State HWY 304 | Upgrade flow capacity | 10000027 | Bastrop | 12090301 | 0 | Lower Colorado - Cummins | Project Planning | 1.74 | Riverine | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 1 | 1 | 2 | 0 | 0 | 0 | 0.15 | 56.04 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000003 | 10 | Lower Colorado-Lavaca | Willie May Way in Precinct 4 at Trib | Replace CMPs with larger multi-box culvert | 10000027 | Bastrop | 12090301 | 0 | Lower Colorado - Cummins | Project Planning | 0.27 | Urban/ Local | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000004 | 10 | Lower Colorado-Lavaca | Gotier Trace Low Water Crossing | Replace LWCs with box culverts | 10000027 | Bastrop | 12090301 | 0 | Alum Creek, Gravelly Creek | Project Planning | 1.21 | Riverine | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 2 | 2 | 3 | 0 | 0 | 0 | 1.34 | 162.91 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000005 | 10 | Lower Colorado-Lavaca | Lakeview Drive & Tuck Street | Drainage system improvements | 10000025 | Bastrop | 12090301 | 0 | Greens Creek - Cedar Creek | Project Planning | 0.56 | Riverine | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 47 | 40 | 115 | 0 | 0 | 0 | 0.38 | 61.84 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000006 | 10 | Lower Colorado-Lavaca | Green Valley Drive in Precinct 1 | LWC upgrade, Bridge | 10000027 | Bastrop | 12090301 | 0 | Lower Colorado - Cummins | Project Planning | 1.35 | Riverine | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 38 | 35 | 67 | 0 | 0 | 0 | 0.33 | 49.48 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000007 | 10 | Lower Colorado-Lavaca | Old McDade Rd in Precinct 4 near Norwood Rd | Box culvert replacement | 10000027 | Bastrop | 1000517,1000516,1000514 | 0 | Lower Colorado - Cummins | Project Planning | 4.54 | Riverine | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 237 | 207 | 443 | 1 | 2 | 0 | 3.63 | 296.65 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000008 | 10 | Lower Colorado-Lavaca | Clear Springs Lake Dam | Design & implement Clear Springs Lake Dam improvements | 10000025 | Bastrop | 12090301 | 0 | Greens Creek - Cedar Creek | Project Planning | 0.00 | Riverine | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.12 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000009 | 10 | Lower Colorado-Lavaca | Pecan Shores Subdivision | Voluntary buyout of homes in 100-year FP (48 homes) | 10000021 | Bastrop | 12090301 | 0 | Willow Creek - Colorado River | Project Planning | 0.05 | Riverine | Bastrop County | 00000028 | Multiple | No | \$150,000 | Yes, Unknown | 12 | 10 | 22 | 0 | 0 | 0 | 0.43 | 17.68 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000010 | 10 | Lower Colorado-Lavaca | Hidden Shores Subdivision | Voluntary buyout of homes in floodway (22 homes) | 10000021 | Bastrop | 12090301 | 0 | Willow Creek - Colorado River, Little Piney Creek - Colorado River | Project Planning | 0.14 | Riverine | Bastrop County | 00000028 | Multiple | No | \$150,000 | Yes, Unknown | 39 | 39 | 68 | 0 | 0 | 0 | 1.13 | 67.89 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000011 | 10 | Lower Colorado-Lavaca | Waters Edge Terrace Subdivision | Voluntary buyout of homes in 100-year FP (12 homes) | 10000021 | Bastrop | 12090301 | 0 | Coleman Branch - Colorado River | Project Planning | 0.05 | Riverine | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 43 | 41 | 120 | 0 | 0 | 0 | 0.46 | 17.67 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |

TABLE 15: FLOOD MANAGEMENT EVALUATIONS

| FME ID | RFPG Number | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Sponsor_ID | 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 (year) | Existing or Anticipated Maps (year) | RFPG Recommendation (Yes / No) | Reason for Recommendation |
|-----------|-------------|-----------------------|--|---|------------------|---------------------------|--|--------|---|--------------------|-----------------|------------------------|----------------|------------|-------------------------|----------------|----------------------|--|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|---------------------------------------|-------------------------------------|--------------------------------|------------------------------------|
| 101000012 | 10 | Lower Colorado-Lavaca | Old Sayers Rd & Little Sandy Creek | LWC upgrade, Box culvert | 10000027 | Bastrop | 12090301 | 0 | Lower Colorado - Cummins | Project Planning | 0.63 | Riverine | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 1 | 0 | 0.19 | 105.47 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000013 | 10 | Lower Colorado-Lavaca | Paffen Rd & Grassy Creek Draw | CMP Upgrade, Cast-in-place multi-box (2) culvert-bridge | 10000027 | Bastrop | 12090301 | 0 | Lower Colorado - Cummins | Project Planning | 1.01 | Riverine | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.05 | 39.26 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000014 | 10 | Lower Colorado-Lavaca | Meduna Rd & Barton Oaks Draw 1 | LWC to Culvert, Cast-in-place box culvert-bridge | 10000027 | Bastrop | 12090301 | 0 | Lower Colorado - Cummins | Project Planning | 0.44 | Riverine | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.06 | 1.55 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000015 | 10 | Lower Colorado-Lavaca | Pine Canyon Dr & Wet Weather Creek | LWC to Culvert, Cast-in-place multi-box (2) culvert-bridge | 10000027 | Bastrop | 12090301 | 0 | Lower Colorado - Cummins | Project Planning | 0.20 | Urban/ Local | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000016 | 10 | Lower Colorado-Lavaca | Hall Rd & Young's Branch | Upgrade Box-culvert bridge | 10000027 | Bastrop | 1000502,1000476,1000502,1000500 | 0 | Lower Colorado - Cummins | Project Planning | 7.94 | Riverine | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 2 | 1 | 3 | 0 | 0 | 0 | 0.21 | 418.55 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000018 | 10 | Lower Colorado-Lavaca | Patterson Rd & Barton's Creek | Wooden Bridge Upgrade, Box-culvert bridge | 10000027 | Bastrop | 1000501,1000476,1000502,1000500 | 0 | Lower Colorado - Cummins | Project Planning | 12.87 | Riverine | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 5 | 5 | 7 | 0 | 0 | 0 | 1.39 | 914.11 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000020 | 10 | Lower Colorado-Lavaca | Old Sayers Rd & Big Sandy Creek | LWC to Culvert Cast-in-place multi-box (2) culvert-bridge | 10000027 | Bastrop | 12090301 | 0 | Lower Colorado - Cummins | Project Planning | 19.50 | Riverine | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 90 | 72 | 191 | 0 | 1 | 0 | 2.32 | 894.32 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000028 | 10 | Lower Colorado-Lavaca | FM 812 at Alum Creek South | 100-ft bridge, 1700 LF of channelization | 10000025 | Bastrop | 12090301 | 0 | Alum Creek - Walnut Creek | Project Planning | 1.21 | Riverine | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 1 | 1 | 2 | 0 | 0 | 0 | 0.08 | 27.89 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000103 | 10 | Lower Colorado-Lavaca | Drainage System Improvements - JC Madison Addition | Drainage System Improvements - JC Madison Addition | 10000025 | Bastrop | 12090301 | 0 | Wilbarger Bend, Colorado River, Lower Wilbarger Creek, Big Sandy Creek - Colorado River | Project Planning | 48.24 | Riverine | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 103 | 78 | 241 | 0 | 0 | 0 | 3.68 | 5786.38 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000125 | 10 | Lower Colorado-Lavaca | Alum Creek - Tributary 8, Bowie Drive | Replace CMPs with larger multi-box culvert | 10000027 | Bastrop | 12090301 | 0 | Alum Creek | Project Planning | 0.67 | Riverine | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.02 | 6.08 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000155 | 10 | Lower Colorado-Lavaca | Taylor Lane Drainage Improvements | Upgrade to stormwater drainage system in the northeastern part of the city; capacity of existing drainage infrastructure in this area is insufficient as per current city drainage requirements | 10000025 | Bastrop | 12090301 | 0 | Elm Creek - Dry Creek, Little Sandy Creek, Little Sandy Creek - Big Sandy Creek | Project Planning | 2.09 | Riverine | Elgin | 10003201 | Multiple | No | \$100,000 | Yes, Unknown | 14 | 14 | 50 | 0 | 0 | 0 | 0.18 | 111.69 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000156 | 10 | Lower Colorado-Lavaca | Storm Water Detention at Morris Park | Storm Water Detention at Morris Park | 10000025 | Bastrop | 1000509,10000505,1000506,1000515 | 0 | Little Sandy Creek | Project Planning | 1.62 | Riverine | Elgin | 10003201 | Multiple | No | \$150,000 | Yes, Unknown | 66 | 54 | 209 | 0 | 0 | 0 | 0.77 | 15.43 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000001 | 10 | Lower Colorado-Lavaca | Willow-Gazley Local Drainage Alternative 3 | Drainage System Improvements | 10000025 | Bastrop | 12090301 | 0 | Willow Creek - Colorado River | Project Planning | 0.67 | Riverine, Urban/ Local | Smithville | 10002526 | Multiple | No | \$250,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000026 | 10 | Lower Colorado-Lavaca | Smithville Recreation Center Expansion | Expand center to improve shelter-in-place capability | 10000004 | Bastrop | 1000502,10000501,1000503 | 0 | Willow Creek - Colorado River | Project Planning | 5.87 | Riverine | Smithville | 10002526 | Multiple | No | \$100,000 | Yes, Unknown | 65 | 40 | 629 | 0 | 0 | 0 | 2.14 | 402.50 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000104 | 10 | Lower Colorado-Lavaca | Citywide Drainage System Improvements | Citywide Drainage System Improvements | 10000025 | Bastrop | 12090301 | 0 | Willow Creek - Colorado River | Watershed Planning | 4.02 | Riverine | Smithville | 10002526 | Multiple | No | \$500,000 | Yes, Unknown | 83 | 48 | 616 | 0 | 0 | 0 | 3.79 | 335.36 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000021 | 10 | Lower Colorado-Lavaca | Caldwell Rd & Wet Weather Creek | LWC to Culvert Cast-in-place multi-box (2) culvert-bridge | 10000027 | Bastrop, Caldwell, Travis | 1000518,1000497,1000495 | 0 | Lower Colorado - Cummins | Project Planning | 26.23 | Riverine | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 149 | 123 | 334 | 0 | 1 | 0 | 2.67 | 2401.85 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000017 | 10 | Lower Colorado-Lavaca | Friendship Rd & Turner Creek A and B | LWC to Culvert, Cast-in-place multi-box (3) culvert-bridge | 10000027 | Bastrop, Lee | 1000508,1000504 | 0 | Lower Colorado - Cummins | Project Planning | 4.75 | Riverine | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.49 | 457.98 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000019 | 10 | Lower Colorado-Lavaca | Upper Elgin River Rd & Cotton Creek | LWC to Culvert Cast-in-place multi-box (2) culvert-bridge | 10000027 | Bastrop, Travis | 1000512,10000510,1000506 | 0 | Lower Colorado - Cummins | Project Planning | 3.03 | Riverine | Bastrop County | 00000028 | Multiple | No | \$100,000 | Yes, Unknown | 18 | 18 | 54 | 0 | 0 | 0 | 0.19 | 346.50 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000105 | 10 | Lower Colorado-Lavaca | Update and Maintain Emergency Management Plan | Update and Maintain Emergency Management Plan | 10000004 | Blanco | 12090201,12090205,12090206,12100201,12100203 | 0 | Multiple Watersheds | Preparedness | 710.98 | Riverine, Urban/ Local | Blanco County | 00000031 | Multiple | No | \$25,000 | Yes, Unknown | 294 | 181 | 592 | 0 | 35 | 0 | 5.93 | 25477.81 | Yes, Unknown | No, Unknown | Yes | Meets TWDB criteria and RFPG Goals |

| FME ID | RFPG Number | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Sponsor_ID | 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 (year) | Existing or Anticipated Maps (year) | RFPG Recommendation (Yes / No) | Reason for Recommendation | |
|-----------|-------------|-----------------------|---|---|---------------------|----------|--|--------|---|--------------------|-----------------|------------------------|--|------------|-------------------------|----------------|----------------------|--|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|---------------------------------------|-------------------------------------|--------------------------------|------------------------------------|------------------------------------|
| 101000106 | 10 | Lower Colorado-Lavaca | Various Locations - Upgrade Low Water Crossings | Various Locations - Upgrade Low Water Crossings | 10000027 | Blanco | 12090201,12090205,12090206,12100201,12100203 | | Multiple Watersheds | Project Planning | 710.98 | Riverine, Urban/ Local | Blanco County | 00000031 | Multiple | No | \$100,000 | Yes, Unknown | 294 | 181 | 592 | 0 | 35 | 0 | 5.93 | 25477.81 | Yes, Unknown | No, Unknown | Yes | Meets TWDB criteria and RFPG Goals | |
| 101000107 | 10 | Lower Colorado-Lavaca | Citywide Drainage Plan | City Drainage Plan | 10000007 | Blanco | 12090206 | | Pedernales | Watershed Planning | 1.80 | Riverine | Johnson City | 10003338 | Multiple | No | \$250,000 | Yes, Unknown | 48 | 29 | 394 | 0 | 3 | 0 | 0.00 | 67.50 | Yes, Unknown | No, Unknown | Yes | Meets TWDB criteria and RFPG Goals | |
| 101000108 | 10 | Lower Colorado-Lavaca | Develop New/Updated Floodplain Maps | Develop New/Updated Floodplain Maps | 10000016 | Blanco | 12090206 | | Towhead Creek - Pedernales River, Cottonwood Creek - Pedernales River | Watershed Planning | 1.80 | Riverine | Johnson City | 10003338 | Multiple | No | \$250,000 | Yes, Unknown | 48 | 29 | 394 | 0 | 3 | 0 | 0.00 | 67.50 | Yes, Unknown | No, Unknown | Yes | Meets TWDB criteria and RFPG Goals | |
| 101000136 | 10 | Lower Colorado-Lavaca | Highway Drainage | Highway 36 drainage ditches to be widened/reshaped, upgrade culverts | 10000027 | Brazoria | 12090401,12070104 | | Mound Creek, Bell Creek | Project Planning | 34.20 | Riverine, Coastal | Jones Creek | 10002982 | Multiple | No | \$100,000 | Yes, Unknown | 999 | 797 | 1420 | 3 | 0 | 0 | 23.10 | 2546.68 | Yes, Unknown | No, Unknown | Yes | Meets TWDB criteria and RFPG Goals | |
| 101000109 | 10 | Lower Colorado-Lavaca | CR 332 Drainage Improvements | Implement drainage improvement program along CR 332 | 10000025 | Brazoria | 12090402,12090401 | | East Matagorda Bay, Bell Creek - San Bernard River | Project Planning | 0.21 | Riverine | Sweeny | 10003099 | Multiple | No | \$50,000 | Yes, Unknown | 9 | 8 | 16 | 0 | 0 | 0 | 2.89 | 14.67 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals | |
| 101000110 | 10 | Lower Colorado-Lavaca | Various Culverts Along Stevenson Slough | Enlarge culverts along Stevenson Slough | 10000025 | Brazoria | 12090402,12090401 | | East Matagorda Bay, Bell Creek - San Bernard River | Project Planning | 3.08 | Riverine | Sweeny | 10003099 | Multiple | No | \$125,000 | Yes, Unknown | 205 | 165 | 296 | 0 | 0 | 0 | 3.80 | 334.60 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals | |
| 101000214 | 10 | Lower Colorado-Lavaca | West Brazoria County Drainage District #11 | Watershed Study | 100000021,100000025 | Brazoria | 12090401,12090402 | | San Bernard River | Watershed Planning | 506.66 | Riverine | West Brazoria County Drainage District #11 | 00001801 | Multiple | No | \$990,000 | Yes, Unknown | 7737 | 5901 | 11719 | 10 | 2 | 0 | 219.73 | 37018.34 | No, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals | |
| 101000137 | 10 | Lower Colorado-Lavaca | CR257 at Pecan Bayou (Tenmile Crossing) | Upgrade CR 257 over Pecan Bayou to higher level of service (per TxDOT HDM) | 10000002 | Brown | 1000399 | | Double Creek - Pecan Bayou | Project Planning | 2.23 | Riverine | Brown County | 00000146 | Multiple | No | \$100,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.59 | 1171.39 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals | |
| 101000029 | 10 | Lower Colorado-Lavaca | Magnolia St | Magnolia Ditch Project, Construction of ditch & culvert | 10000025 | Brown | 12090107 | | Delaware Creek - Pecan Bayou | Project Planning | 0.07 | Riverine | Brownwood | 10002887 | Multiple | No | \$100,000 | Yes, Unknown | 27 | 27 | 276 | 0 | 0 | 0 | 0.66 | 7.21 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals | |
| 101000111 | 10 | Lower Colorado-Lavaca | Adopt Flood Insurance Rate Maps | Adopt DFIRM | 10000009 | Brown | 12090107 | | Elm Creek - Pecan Bayou, Adams Branch - Pecan Bayou, Delaware Creek - Pecan Bayou | Watershed Planning | 14.82 | Riverine | Brownwood | 10002887 | Multiple | No | \$250,000 | Yes, Unknown | 1220 | 889 | 4826 | 2 | 12 | 0 | 29.44 | 1404.40 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals | |
| 101000112 | 10 | Lower Colorado-Lavaca | Willis Creek Detention | Willis Creek Detention construction | 10000025 | Brown | 12090106,12090107 | | Pecan Bayou | Project Planning | 26.81 | Riverine | Brownwood | 10002887 | Multiple | No | \$250,000 | Yes, Unknown | 758 | 661 | 2415 | 1 | 2 | 0 | 14.13 | 1350.16 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals | |
| 101000160 | 10 | Lower Colorado-Lavaca | Delaware Creek Flood Study | Flood-prone problem area in need of flood study, identified on sponsor outreach call. Lift station here also in need of a generator | 10000005 | Brown | 12090107 | | Delaware Creek - Pecan Bayou | Watershed Planning | 10.50 | Riverine | Brownwood | 10002887 | Multiple | No | \$150,000 | Yes, Unknown | 54 | 34 | 74 | 0 | 0 | 0 | 2.21 | 760.25 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals | |
| 101000159 | 10 | Lower Colorado-Lavaca | Wastewater Treatment Plant Flood Study | Flood-prone problem area in need of flood study, identified on sponsor outreach call. Area also in need of a generator | 10000005 | Burnet | 12090205 | | Headwaters Hamilton Creek | Project Planning | 0.06 | Riverine | Burnet | 00003107 | Multiple | No | \$150,000 | Yes, Unknown | 3 | 0 | 3 | 0 | 0 | 0 | 0.15 | 11.99 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals | |
| 101000161 | 10 | Lower Colorado-Lavaca | VFW Flood Study | Flood-prone problem area in need of flood study, identified on sponsor outreach call | 10000005 | Burnet | 12090205 | | Headwaters Hamilton Creek | Project Planning | 0.00 | Urban/ Local | Burnet | 00003107 | Multiple | No | \$100,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000138 | 10 | Lower Colorado-Lavaca | Dam Emergency Action Plan | Dam Emergency Action Plan | 10000004 | Burnet | 12090201,12090205,12070205 | | Clear Creek - Inks Lake, Headwaters Hamilton Creek | Preparedness | 10.79 | Riverine | Burnet | 00003107 | Multiple | No | \$50,000 | Yes, Unknown | 187 | 127 | 514 | 0 | 8 | 0 | 4.18 | 589.16 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals | |

| FME ID | RFPG Number | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Sponsor_ID | 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 (year) | Existing or Anticipated Maps (year) | RFPG Recommendation (Yes / No) | Reason for Recommendation |
|-----------|-------------|-----------------------|---|--|-------------------------------------|----------|---------------------------|--------|--|--------------------|-----------------|-----------------|---------------|------------|-------------------------|----------------|----------------------|--|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|---------------------------------------|-------------------------------------|--------------------------------|------------------------------------|
| 101000221 | 10 | Lower Colorado-Lavaca | Burnet County Lower Water Crossing Assessment | Assessment of LWC's includes the evaluation of existing condition LOS, average daily traffic, and emergency access routes to understand risk of each crossing. Post-assessment, LWC's can be prioritized to support future implementation of improvements | 10000007,10000008,10000027,10000028 | Burnet | 12090205,12090201,1209020 | | Austin-Travis Lakes, Buchanan-Lyndon B. Johnson Lakes Pedernales | Project Planning | 533.64 | Riverine | Burnet County | 00000049 | Multiple | No | \$150,000 | Yes, Unknown | 3799 | 3003 | 6359 | 4 | 69 | 0 | 34.19 | 16335.44 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000222 | 10 | Lower Colorado-Lavaca | Burnet County Modeling and Mapping Update | The study should include the development of updated hydrologic and hydraulic models utilizing the best available science and data. Updated floodplain maps can then be used for regulation and update of outdated FEMA maps in this portion of Burnet County | 10000007,10000008,10000027,10000028 | Burnet | 12090205,12090201,1209020 | | Piney Creek-Colorado River | Project Planning | 533.64 | Riverine | Burnet County | 00000049 | Multiple | No | \$4,000,000 | Yes, Unknown | 3799 | 3003 | 6359 | 4 | 69 | 0 | 34.1899986 | 16335.44043 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000032 | 10 | Lower Colorado-Lavaca | Mission Hills Street | Build bridge at Mission Hills Street creek x-ing | 10000027 | Burnet | 12090205 | 0 | Backbone Creek | Project Planning | 4.21 | Riverine | Marble Falls | 10003109 | Multiple | No | \$100,000 | Yes, Unknown | 60 | 2 | 748 | 0 | 3 | 0 | 0.81 | 147.18 | Yes, Unknown | No, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000166 | 10 | Lower Colorado-Lavaca | Ave J Bridge Replacement | Replace bridge that heavily floods and was damaged during 2018 flood event. | 10000025 | Burnet | 12090201,12090205 | 0 | Backbone Creek | Project Planning | 40.20 | Riverine | Marble Falls | 10003109 | Multiple | No | \$100,000 | Yes, Unknown | 405 | 233 | 2006 | 1 | 29 | 0 | 10.63 | 1984.24 | Yes, Unknown | No, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000168 | 10 | Lower Colorado-Lavaca | 1431/281 Detention | This project would be in partnership with TxDOT. TxDOT is looking at installing a right turn lane on northbound 281 onto 1431. This would require acquisition of the properties in the vicinity, as the businesses would no longer be able to function. | 10000025 | Burnet | 12090205 | 0 | Backbone Creek | Project Planning | 1.20 | Riverine | Marble Falls | 10003109 | Multiple | No | \$150,000 | Yes, Unknown | 5 | 1 | 16 | 0 | 1 | 0 | 0.12 | 23.44 | Yes, Unknown | No, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000169 | 10 | Lower Colorado-Lavaca | Backbone Branch Detention Pond | Regional Detention Pond Along Backbone Creek | 10000025 | Burnet | 12090201,12090205 | 0 | Backbone Creek | Project Planning | 30.04 | Riverine | Marble Falls | 10003109 | Multiple | No | \$150,000 | Yes, Unknown | 172 | 120 | 173 | 0 | 3 | 0 | 4.11 | 1647.46 | Yes, Unknown | No, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000170 | 10 | Lower Colorado-Lavaca | Marble Falls Creek Walk | The creek walk would be on the Whitman Branch in Downtown Marble Falls. It would include flood reduction, pedestrian access/trails, and education | 10000025 | Burnet | 12090205 | 0 | Hamilton Creek - Lake Travis | Project Planning | 5.80 | Riverine | Marble Falls | 10003109 | Multiple | No | \$100,000 | Yes, Unknown | 80 | 5 | 821 | 0 | 14 | 0 | 2.07 | 171.42 | Yes, Unknown | No, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000171 | 10 | Lower Colorado-Lavaca | Citywide Floodplain Remapping | Floodplain remapping of the entire city using Atlas 14 rainfall data. | 10000005 | Burnet | 12090205 | 0 | Lake Marble Falls, Flatrock Creek - Lake Travis | Watershed Planning | 7.13 | Riverine | Marble Falls | 10003109 | Multiple | No | \$250,000 | Yes, Unknown | 158 | 157 | 322 | 0 | 1 | 0 | 2.29 | 331.79 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000172 | 10 | Lower Colorado-Lavaca | 2nd Street at Backbone Creek Low Water Crossing | This route regularly floods and is an emergency vehicle response route as well as a truck route. | 10000025 | Burnet | 12090205 | 0 | Backbone Creek | Project Planning | 2.28 | Riverine | Marble Falls | 10003109 | Multiple | No | \$100,000 | Yes, Unknown | 78 | 8 | 717 | 0 | 13 | 0 | 1.87 | 45.07 | Yes, Unknown | No, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000173 | 10 | Lower Colorado-Lavaca | Ave L at Whitman Creek Low Water Crossing | This crossing is regularly closed due to flooding. | 10000025 | Burnet | 12090205 | 0 | Backbone Creek | Project Planning | 2.33 | Riverine | Marble Falls | 10003109 | Multiple | No | \$100,000 | Yes, Unknown | 86 | 14 | 724 | 0 | 14 | 0 | 2.39 | 45.07 | Yes, Unknown | No, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000174 | 10 | Lower Colorado-Lavaca | Broadway at Backbone Creek Low Water Crossing | This crossing frequently floods and is right by Marble Falls Elementary. | 10000025 | Burnet | 12090201,12090205 | 0 | Backbone Creek | Project Planning | 31.97 | Riverine | Marble Falls | 10003109 | Multiple | No | \$100,000 | Yes, Unknown | 202 | 141 | 966 | 1 | 6 | 0 | 4.77 | 1749.27 | Yes, Unknown | No, Unknown | Yes | Meets TWDB criteria and RFPG Goals |

| FME ID | RFPG Number | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Sponsor_ID | 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 (year) | Existing or Anticipated Maps (year) | RFPG Recommendation (Yes / No) | Reason for Recommendation |
|-----------|-------------|-----------------------|---|--|--------------------|-----------|---|--------|--|------------------|-----------------|------------------------|------------------|------------|-------------------------|----------------|----------------------|--|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|---------------------------------------|-------------------------------------|--------------------------------|------------------------------------|
| 101000223 | 10 | Lower Colorado-Lavaca | Caldwell County Flood Early Warning System | Review of existing flood early warning system equipment, procedures, and training | 10000003 | Caldwell | 12090301 | 0 | Walnut Creek-Cedar Creek, Plum Creek, Upper San Marcos River, and Lower San Marcos River | Project Planning | 544.69 | Riverine | Caldwell County | 00000016 | Multiple | No | \$50,000 | Yes, Unknown | 99 | 62 | 113 | 0 | 1 | 0 | 3.6211071 | 4278.59 | No, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000224 | 10 | Lower Colorado-Lavaca | Lytton Springs Creek Near CR 174 | Preliminary engineering study to evaluate potential mitigation actions at low water crossing | 10000025 | Caldwell | 12090301 | 0 | Lytton Springs Creek | Project Planning | 0.11 | Riverine | Caldwell County | 00000016 | Multiple | No | \$40,000 | Yes, Unknown | 12 | 6 | 13 | 0 | 0 | 0 | 0.02 | 51.14 | No, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000225 | 10 | Lower Colorado-Lavaca | CR175 @ Cedar Creek Trib 1 | Preliminary engineering study to evaluate potential mitigation actions at low water crossing | 10000025 | Caldwell | 12090301 | 0 | Cedar Creek | Project Planning | 0.14 | Riverine | Caldwell County | 00000016 | Multiple | No | \$40,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.2078331 | 59.04 | No, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000118 | 10 | Lower Colorado-Lavaca | Sandy Oaks Subdivision | Sandy Oaks Subdivision | 10000007 | Colorado | 12090302,12090401,12090301,12100102 | 0 | Multiple Watersheds | Project Planning | 970.58 | Riverine | Colorado County | 10000012 | Multiple | No | \$100,000 | Yes, Unknown | 2103 | 1079 | 3616 | 6 | 11 | 0 | 118.81 | 105661.77 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000119 | 10 | Lower Colorado-Lavaca | Frisch Auf Buyout | Buyout all property in Frisch Auf Floodplain | 10000021 | Fayette | 12090301,12100102 | 0 | Lower Buckners Creek | Project Planning | 54.14 | Riverine | Fayette County | 00000019 | Multiple | No | \$100,000 | Yes, Unknown | 91 | 49 | 85 | 0 | 1 | 0 | 4.00 | 5822.63 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000120 | 10 | Lower Colorado-Lavaca | Flood Proof Wastewater Treatment Plants | Flood Proof Wastewater Treatment Plants | 10000004 | Fayette | 12100202,12100102 | 0 | Mulberry Creek - West Navidad River | Project Planning | 1.67 | Riverine, Urban/ Local | Flatonia | 00003060 | Multiple | No | \$50,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | Yes, Unknown | No, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000121 | 10 | Lower Colorado-Lavaca | Various Streets - Install Flood Early Warning Systems | High water barricades in several locations | 10000004 | Fort Bend | 12090401,12070104 | 0 | Multiple Watersheds | Preparedness | 882.72 | Riverine | Fort Bend County | 00000009 | Multiple | No | \$150,000 | Yes, Unknown | 582 | 393 | 628 | 0 | 0 | 0 | 26.03 | 15359.06 | Yes, Unknown | No, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000034 | 10 | Lower Colorado-Lavaca | Lump Rd, Hilltop Rd, FM 2919 N | Feasibility study of LWCs | 10000027 | Fort Bend | 12090401 | 0 | Boone Branch - San Bernard River | Project Planning | 1.41 | Riverine | Kendleton | 10002924 | Multiple | No | \$100,000 | Yes, Unknown | 11 | 9 | 14 | 0 | 0 | 0 | 0.85 | 69.41 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000035 | 10 | Lower Colorado-Lavaca | Drainage Improvements to Crawford Outlet Right-of-Way | Drainage Improvements to Crawford Outlet Right-of-Way | 10000025 | Fort Bend | 12090401 | 0 | Boone Branch - San Bernard River | Project Planning | 1.41 | Urban/ Local | Kendleton | 10002924 | Multiple | No | \$50,000 | Yes, Unknown | 11 | 9 | 14 | 0 | 0 | 0 | 0.85 | 69.41 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000037 | 10 | Lower Colorado-Lavaca | Gene and Church Streets | Install Culverts | 10000025 | Fort Bend | 12090401,12070104 | 0 | Cedar Creek | Project Planning | 0.16 | Riverine | Needville | 00002935 | Multiple | No | \$50,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000230 | 10 | Lower Colorado-Lavaca | Fairchild Creek Drainage Mitigation Study | The southwest portion of the City of Needville and its extraterritorial jurisdiction has been defined as a major flooding area. Prelim. drainage investigations suggest flooding is caused by interconnection of Buffalo and Fairchild Creek watersheds. | 10000025, 10000027 | Fort Bend | 12090401 | 0 | San Bernard, Lower Brazos Watersheds | Project Planning | 92.55 | Riverine | Needville | 00002935 | Multiple | No | \$100,000 | Yes, Unknown | 76 | 48 | 82 | 0 | 0 | 0 | 2.982358 | 3222.31 | No, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000229 | 10 | Lower Colorado-Lavaca | Needville Wastewater Treatment Plant Floodproofing | WWTP located adjacent to Buffalo Creek in the City of Needville. No reported loss of service events in initial outreach, but area needs further detailed study to assess existing flood risk and evaluate projects for future flood planning cycles. | 10000005, 10000025 | Fort Bend | 12090401 | 0 | Cedar Creek, San Bernard Watershed | Project Planning | 45.66 | Riverine | Needville | 00002935 | Multiple | No | \$100,000 | Yes, Unknown | 76 | 48 | 82 | 0 | 0 | 0 | 2.982358 | 3222.31 | No, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000038 | 10 | Lower Colorado-Lavaca | 800 Block W San Antonio | Channels, drop structures, & 2 box culverts: 7' x 4' | 10000027 | Gillespie | 1000276,1000275,1000257,1000277,1000259 | 0 | Barons Creek | Project Planning | 11.67 | Riverine | Fredericksburg | 10002910 | Multiple | No | \$50,000 | Yes, Unknown | 138 | 96 | 491 | 0 | 6 | 0 | 0.00 | 409.13 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |

| FME ID | RFPG Number | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Sponsor_ID | 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 (year) | Existing or Anticipated Maps (year) | RFPG Recommendation (Yes / No) | Reason for Recommendation |
|-----------|-------------|-----------------------|--|---|------------------|-----------|--|--------|------------------------------------|--------------------|-----------------|------------------------|------------------|------------|-------------------------|----------------|----------------------|--|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|---------------------------------------|-------------------------------------|--------------------------------|------------------------------------|
| 10100039 | 10 | Lower Colorado-Lavaca | South End of Acorn Street | Rollup curb at driveway edge | 10000025 | Gillespie | 1000276,1000275,1000257,1000277,1000259 | 0 | Barons Creek | Project Planning | 11.67 | Riverine | Fredericksburg | 10002910 | Multiple | No | \$50,000 | Yes, Unknown | 138 | 96 | 491 | 0 | 6 | 0 | 0.00 | 409.13 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 10100042 | 10 | Lower Colorado-Lavaca | Bowie & Peach Street | Storm sewer system & curb inlets with two 36" RCPs | 10000025 | Gillespie | 1000276,1000275,1000257,1000277,1000259 | 0 | Barons Creek | Project Planning | 11.67 | Riverine | Fredericksburg | 10002910 | Multiple | No | \$100,000 | Yes, Unknown | 138 | 96 | 491 | 0 | 6 | 0 | 0.00 | 409.13 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 10100043 | 10 | Lower Colorado-Lavaca | Barons Creek Watershed - Southwest City | Replace culverts: two 8' x 3' box culverts Add concrete channel | 10000025 | Gillespie | 12090206 | 0 | Pedernales | Project Planning | 0.47 | Riverine | Fredericksburg | 10002910 | Multiple | No | \$150,000 | Yes, Unknown | 9 | 6 | 13 | 0 | 1 | 0 | 0.00 | 42.40 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 10100044 | 10 | Lower Colorado-Lavaca | 112 W Park | Extend curb to direct water to new vegetated channel with drop structure outfall to Barons Creek | 10000025 | Gillespie | 1000276,1000275,1000257,1000277,1000259 | 0 | Barons Creek | Project Planning | 11.67 | Riverine | Fredericksburg | 10002910 | Multiple | No | \$50,000 | Yes, Unknown | 138 | 96 | 491 | 0 | 6 | 0 | 0.00 | 409.13 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 10100048 | 10 | Lower Colorado-Lavaca | Trailmoor near Llano Hwy | Add stormwater system throughout watershed | 10000025 | Gillespie | 1000276,1000275,1000257,1000277,1000259 | 0 | Barons Creek | Project Planning | 11.67 | Riverine | Fredericksburg | 10002910 | Multiple | No | \$250,000 | Yes, Unknown | 138 | 96 | 491 | 0 | 6 | 0 | 0.00 | 409.13 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 10100050 | 10 | Lower Colorado-Lavaca | Drainage Channel near EMS Building | Drop structure with utility encasement | 10000025 | Gillespie | 1000259,1000257,1000275 | 0 | Muesebach Creek - Pedernales River | Project Planning | 4.34 | Riverine | Fredericksburg | 10002910 | Multiple | No | \$50,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 154.48 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 10100051 | 10 | Lower Colorado-Lavaca | Bob White Trail | Replace ex culverts with two 24" RCPs; regrade channel; replace driveway culverts | 10000027 | Gillespie | 1000259,1000275 | 0 | Muesebach Creek - Pedernales River | Project Planning | 0.88 | Riverine | Fredericksburg | 10002910 | Multiple | No | \$50,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 10100053 | 10 | Lower Colorado-Lavaca | N Edison Low Water Crossing | Raise N Edison at Schubert; redesign intersection; install FEWS with automatic gates & flashers | 10000004 | Gillespie | 1000276,1000275,1000257,1000277,1000259 | 0 | Barons Creek | Project Planning | 11.67 | Riverine | Fredericksburg | 10002910 | Multiple | No | \$15,000 | Yes, Unknown | 138 | 96 | 491 | 0 | 6 | 0 | 0.00 | 409.13 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 10100054 | 10 | Lower Colorado-Lavaca | Schubert Low Water Crossing | Lower channel by 4-5' with drop structures; install five 9'x5' culverts | 10000025 | Gillespie | 1000276,1000275,1000257,1000277,1000259 | 0 | Barons Creek | Project Planning | 11.67 | Riverine | Fredericksburg | 10002910 | Multiple | No | \$50,000 | Yes, Unknown | 138 | 96 | 491 | 0 | 6 | 0 | 0.00 | 409.13 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 10100055 | 10 | Lower Colorado-Lavaca | 200 Block N Orange | Concrete apron; pedestrian/guard rail; relocate DS concrete encased utility or extend protection to cover utility | 10000025 | Gillespie | 1000276,1000275,1000257,1000277,1000259 | 0 | Barons Creek | Project Planning | 11.67 | Riverine | Fredericksburg | 10002910 | Multiple | No | \$50,000 | Yes, Unknown | 138 | 96 | 491 | 0 | 6 | 0 | 0.00 | 409.13 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 10100056 | 10 | Lower Colorado-Lavaca | Crockett Street South of Travis | Capture flow with curb/drop inlets along Travis, Crockett, Austin St | 10000025 | Gillespie | 1000276,1000275,1000257,1000277,1000259 | 0 | Barons Creek | Project Planning | 11.67 | Riverine | Fredericksburg | 10002910 | Multiple | No | \$100,000 | Yes, Unknown | 138 | 96 | 491 | 0 | 6 | 0 | 0.00 | 409.13 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 10100057 | 10 | Lower Colorado-Lavaca | Cross Mountain West | Drainage channel | 10000025 | Gillespie | 1000276,1000275,1000257,1000277,1000259 | 0 | Barons Creek | Project Planning | 11.67 | Riverine | Fredericksburg | 10002910 | Multiple | No | \$100,000 | Yes, Unknown | 138 | 96 | 491 | 0 | 6 | 0 | 0.00 | 409.13 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 10100058 | 10 | Lower Colorado-Lavaca | N Milam at West Travis | Curb inlets along Milam St | 10000025 | Gillespie | 1000276,1000275,1000257,1000277,1000259 | 0 | Barons Creek | Project Planning | 11.67 | Riverine | Fredericksburg | 10002910 | Multiple | No | \$150,000 | Yes, Unknown | 138 | 96 | 491 | 0 | 6 | 0 | 0.00 | 409.13 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000122 | 10 | Lower Colorado-Lavaca | Carriage Hills | Replace curb, add vegetated channel, increase capacity at Crabapple Pond, replace outlet structure | 10000025 | Gillespie | 1000276,1000275,1000257,1000277,1000259 | 0 | Barons Creek | Project Planning | 11.67 | Riverine | Fredericksburg | 10002910 | Multiple | No | \$100,000 | Yes, Unknown | 138 | 96 | 491 | 0 | 6 | 0 | 0.00 | 409.13 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000123 | 10 | Lower Colorado-Lavaca | Post Oak Subdivision | Improve channel from outlet to Pyka Rd; raise rd by 1/2 ft; add six 7'x3' box culverts | 10000025 | Gillespie | 1000276,1000275,1000257,1000277,1000259 | 0 | Muesebach Creek - Pedernales River | Project Planning | 11.67 | Riverine | Fredericksburg | 10002910 | Multiple | No | \$150,000 | Yes, Unknown | 138 | 96 | 491 | 0 | 6 | 0 | 0.00 | 409.13 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000207 | 10 | Lower Colorado-Lavaca | Highway St Improvements Project Planning | Project planning for vegetated channel system with two 10' x 4' box culverts in storm drain system to Baron Creek. Develop technical data required for FMP. | 10000025 | Gillespie | 12090206 | 0 | Muesebach Creek - Pedernales Rivet | Project Planning | 0.08 | Riverine, Urban/ Local | Fredericksburg | 10002910 | Multiple | No | \$600,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000177 | 10 | Lower Colorado-Lavaca | Countywide Floodplain Map Update | Update floodplain maps with Atlas 14 data and provided detailed study | 10000005 | Gillespie | 12090201,12090204,12090206,12100201,12100203 | 0 | Multiple Watersheds | Watershed Planning | 1057.22 | Riverine, Urban/ Local | Gillespie County | 00000030 | Multiple | No | \$250,000 | Yes, Unknown | 863 | 308 | 885 | 3 | 115 | 0 | 9.93 | 71866.57 | Yes, Unknown | No, Unknown | Yes | Meets TWDB criteria and RFPG Goals |

| FME ID | RFPG Number | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Sponsor_ID | 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 (year) | Existing or Anticipated Maps (year) | RFPG Recommendation (Yes / No) | Reason for Recommendation |
|-----------|-------------|-----------------------|---|--|---|-----------|--|---------------------------|------------------------------|--------------------|-----------------|------------------------|------------------|------------|-------------------------|----------------|----------------------|--|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|---------------------------------------|-------------------------------------|--------------------------------|------------------------------------|
| 101000178 | 10 | Lower Colorado-Lavaca | Low Water Crossings at 4 locations | Low water crossings turned into bridges in these areas | 10000005 | Gillespie | 12090201,12090204,12090206,12100201,12100203 | | Multiple Watersheds | Project Planning | 1057.22 | Riverine, Urban/ Local | Gillespie County | 00000030 | Multiple | No | \$200,000 | Yes, Unknown | 863 | 308 | 885 | 3 | 115 | 0 | 9.93 | 71866.57 | Yes, Unknown | No, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000153 | 10 | Lower Colorado-Lavaca | City of Buda Garlic Creek Culvert | Culvert improvements to Garlic Creek RM 967, TxDOT upgraded the road but chose not to touch the culvert. Needs to be upsized. Current roadway inundation just north of creekside by Hailey's Way | 10000025 | Hays | 12090205 | | Mustang Branch - Onion Creek | Project Planning | 4.42 | Riverine | Buda | 00002799 | Multiple | No | \$100,000 | Yes, Unknown | 16 | 13 | 17 | 0 | 2 | 0 | 0.38 | 195.20 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000059 | 10 | Lower Colorado-Lavaca | Repair of Little Barton Creek Dam | Continue working with FEMA on repair of Little Barton Creek Dam | 10000027 | Hays | 1000245,1000243,1000246 | | Headwaters Barton Creek | Project Planning | 7.83 | Riverine | Dripping Springs | 10002701 | Multiple | No | \$100,000 | Yes, Unknown | 5 | 4 | 8 | 0 | 1 | 0 | 0.08 | 238.33 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000226 | 10 | Lower Colorado-Lavaca | City of Hays Drainage Master Plan Update | Update data used for the 2017 DMP and available H&H models using Atlas 14 rainfall. Assess flood risk and exposure for the 10-, 25-, 100-, and 500-year flood events. Identify priority flood risk and evaluate to recommend flood risk reduction measures | 10000005,10000006,10000021,10000022,10000025,10000026 | Hays | 12090205 | 120902050406,120902050405 | Onion Creek-Colorado River | Project Planning | 4.92 | Riverine | Hays | 10002702 | Multiple | No | \$200,000 | Yes, Unknown | 83 | 80 | 148 | 0 | 6 | 0 | 0.93 | 210.6199951 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000201 | 10 | Lower Colorado-Lavaca | Hays County Buyout Project Planning | Project planning for action to mitigate 38 identified properties. Develop technical data required for FMP. | 10000021 | Hays | 12090205,12090206,12100203,12090301 | | Onion | Project Planning | 676.04 | Riverine, Urban/ Local | Hays County | 00000026 | Multiple | No | \$500,000 | Yes, Unknown | 581 | 377 | 1437 | 2 | 68 | 0 | 15.61 | 11874.71 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000061 | 10 | Lower Colorado-Lavaca | Prepare Evacuation Plan | Evacuation plan development | 10000004 | Hays | 12090205,12100203 | | Mustang Branch - Onion Creek | Preparedness | 0.42 | Riverine | Mountain City | 00002703 | Multiple | No | \$25,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.38 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000126 | 10 | Lower Colorado-Lavaca | Flood Proofing Repetitive Loss Structures | Flood-proofing repetitive loss structures identified by FEMA | 10000021 | Hays | 12090205,12100203 | | Mustang Branch - Onion Creek | Project Planning | 0.42 | Riverine | Mountain City | 00002703 | Multiple | No | \$50,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.38 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000062 | 10 | Lower Colorado-Lavaca | MLK Blvd to Mexico Street | Replace culverts with larger box culverts & parallel wings; MLK Blvd to Mexico St | 10000027 | Jackson | 12100101,12100102 | | Lavaca | Project Planning | 1.62 | Riverine | Edna | 10002696 | Multiple | No | \$100,000 | Yes, Unknown | 223 | 173 | 689 | 0 | 0 | 0 | 5.34 | 169.89 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000063 | 10 | Lower Colorado-Lavaca | Stormwater Diversion Project | Develop stormwater diversion project through town | 10000027 | Jackson | 12100101,12100102 | | Post Oak Branch - Dry Creek | Project Planning | 4.06 | Riverine | Edna | 10002696 | Multiple | No | \$200,000 | Yes, Unknown | 1223 | 1010 | 1908 | 2 | 1 | 0 | 26.26 | 137.26 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000127 | 10 | Lower Colorado-Lavaca | Wastewater Treatment Plant Flooding | Wastewater Treatment Plant Floodproofing | 10000021 | Jackson | 12100101,12100102 | | Post Oak Branch - Dry Creek | Project Planning | 4.06 | Riverine | Edna | 10002696 | Multiple | No | \$200,000 | Yes, Unknown | 1223 | 1010 | 1908 | 2 | 1 | 0 | 26.26 | 137.26 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000188 | 10 | Lower Colorado-Lavaca | City-wide Drainage Master Plan (integrate with Dry Creek Study) | Develop a City-wide Drainage Master Plan focused on local drainage issues. This plan will merge with the regional FIF study of Dry Creek | 10000007 | Jackson | 12100101,12100102 | | Post Oak Branch - Dry Creek | Watershed Planning | 4.06 | Riverine | Edna | 10002696 | Multiple | No | \$400,000 | Yes, Unknown | 1223 | 1010 | 1908 | 2 | 1 | 0 | 26.26 | 137.26 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000064 | 10 | Lower Colorado-Lavaca | Land Purchase for New EMS/Fire/Police Building | Purchase land; design/construct hardened EMS/Fire/Police facility | 10000021 | Jackson | 12100102 | | Devers Creek - Mustang Creek | Project Planning | 1.12 | Riverine | Ganado | 10002698 | Multiple | No | \$100,000 | Yes, Unknown | 28 | 17 | 77 | 0 | 0 | 0 | 0.42 | 27.73 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000128 | 10 | Lower Colorado-Lavaca | City Hall Hardening and Safe Room | City Hall Hardening and Safe Room | 10000021 | Jackson | 12100102 | | Devers Creek - Mustang Creek | Project Planning | 0.00 | Urban/ Local | Ganado | 10002698 | Multiple | No | \$100,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |

TABLE 15: FLOOD MANAGEMENT EVALUATIONS

| FME ID | RFPG Number | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Sponsor_ID | 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 (year) | Existing or Anticipated Maps (year) | RFPG Recommendation (Yes / No) | Reason for Recommendation |
|-----------|-------------|-----------------------|--|--|----------------------|-------------------|---|--------|---|--------------------|-----------------|------------------------|----------------|------------|-------------------------|----------------|----------------------|--|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|---------------------------------------|-------------------------------------|--------------------------------|------------------------------------|
| 101000190 | 10 | Lower Colorado-Lavaca | Devers Creek Regional Detention and Channel Improvements | Coordinate with JCCWDD to develop region detention and channel widening improvements along Devers Creek. | 10000007 | Jackson | 12100102 | 0 | Devers Creek-Mustang Creek | Project Planning | 1.23 | Riverine | Ganado | 10002698 | Multiple | No | \$250,000 | Yes, Unknown | 13 | 6 | 64 | 0 | 1 | 0 | 0.55 | 398.61 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000192 | 10 | Lower Colorado-Lavaca | City-wide Drainage Master Plan | Develop a drainage master plan with a focus on identifying flood reduction projects for local drainage issues. | 10000007 | Jackson | 12100102 | 0 | Devers Creek-Mustang Creek | Watershed Planning | 1.12 | Riverine | Ganado | 10002698 | Multiple | No | \$400,000 | Yes, Unknown | 28 | 17 | 77 | 0 | 0 | 0 | 0.42 | 27.73 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000065 | 10 | Lower Colorado-Lavaca | Jackson County Hospital District | Jackson County Hospital Flood Plan | 10000007, 10000021 | Jackson | 12100101 | 0 | Post Oak Branch - Dry Creek | Project Planning | 0.09 | Riverine | Jackson County | 10000098 | Multiple | No | \$150,000 | Yes, Unknown | 3 | 0 | 5 | 0 | 1 | 0 | 0.12 | 0.00 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000066 | 10 | Lower Colorado-Lavaca | County Road 480 | Strengthen County Road 480 with development of headwall | 10000027 | Jackson | 12100401 | 0 | Matagorda Bay, East Carancahu Creek - Frontal Carancahu a Bay | Project Planning | 0.06 | Riverine, Coastal | Jackson County | 10000098 | Multiple | No | \$100,000 | Yes, Unknown | 10 | 5 | 16 | 0 | 0 | 0 | 0.61 | 14.56 | Yes, Unknown | No, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000129 | 10 | Lower Colorado-Lavaca | Palmetto Bend Spillway | Emergency Stop Log Deployment System | 10000004 | Jackson | 12100102 | 0 | Chicolete Creek - Navidad River | Project Planning | 0.12 | Riverine | Jackson County | 10000098 | Multiple | No | \$250,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.10 | 13.34 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000196 | 10 | Lower Colorado-Lavaca | Navidad River - Stem Branch Erosion Control Structure Project Planning | Project planning for project to replace erosion control structure. Develop technical data required for FMP. | 10000023 | Jackson | 12100102 | 0 | Navidad | Project Planning | 0.02 | Riverine | Jackson County | 10000098 | Multiple | No | \$40,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.22 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000198 | 10 | Lower Colorado-Lavaca | Goat Trail Erosion Control Structure Project Planning | Project planning for project to replace erosion control structure. Develop technical data required for FMP. | 10000023 | Jackson | 1000416,1000461 | 0 | Lavaca | Project Planning | 2.82 | Riverine | Jackson County | 10000098 | Multiple | No | \$225,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 327.26 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000199 | 10 | Lower Colorado-Lavaca | County Road 106 Erosion Control Structure Project Planning | Project planning for project to replace erosion control structure. Develop technical data required for FMP. | 10000023 | Jackson | 12100402 | 0 | Leona Creek-Arenosa Creek | Project Planning | 0.06 | Riverine | Jackson County | 10000098 | Multiple | No | \$75,000 | Yes, Unknown | 2 | 0 | 0 | 0 | 0 | 0 | 0.00 | 35.26 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000209 | 10 | Lower Colorado-Lavaca | Jackson County Phase 2 DMP | Watershed Study conducted in multiple phases depending on local match available | 100000021, 100000025 | Jackson | 12100402,12100101,12100102,12100401 | 0 | Navidad, Central Matagorda Bay, West Matagorda Bay | Watershed Planning | 700.14 | Riverine, Urban/ Local | Jackson County | 10000098 | Multiple | No | \$4,000,000 | Yes, Unknown | 717 | 483 | 774 | 1 | 3 | 0 | 58.84 | 58758.91 | No, Unknown | No, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000193 | 10 | Lower Colorado-Lavaca | City-wide Drainage Master Plan | Develop a drainage master plan with a focus on local drainage issues using Atlas 14 rainfall | 10000007 | Jackson | 12100401 | 0 | Multiple Watersheds | Watershed Planning | 0.85 | Riverine | La Ward | 10002705 | Multiple | No | \$400,000 | Yes, Unknown | 17 | 7 | 17 | 0 | 0 | 0 | 1.05 | 133.90 | Yes, Unknown | No, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000197 | 10 | Lower Colorado-Lavaca | La Salle Erosion Control Structure Project Planning | Project planning for project to replace erosion control structure. Develop technical data required for FMP. | 10000023 | Jackson, Victoria | 1000469,1000413,1000417,1000416 | 0 | Arenosa Creek-Garcitas Creek | Project Planning | 20.69 | Riverine | Jackson County | 10000098 | Multiple | No | \$40,000 | Yes, Unknown | 3 | 1 | 2 | 0 | 0 | 0 | 1.86 | 480.69 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000179 | 10 | Lower Colorado-Lavaca | Various Streets - Install Flood Early Warning System | Detection warnings at low water crossings across the county | 10000004 | Kendall | 12090206,12100201,12100203 | 0 | Bear Creek-Pedernales River, South Grape Creek, Williams Creek - Pedernales River | Preparedness | 660.51 | Riverine | Kendall County | 00000017 | Multiple | No | \$15,000 | Yes, Unknown | 1 | 0 | 0 | 0 | 0 | 0 | 0.00 | 637.34 | Yes, Unknown | No, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000067 | 10 | Lower Colorado-Lavaca | Various Streets - Install Flood Early Warning System | Local Flood Warning System | 10000004 | Kerr | 12090204,12090206,12100201,1210106,12090203 | 0 | Multiple Watersheds | Preparedness | 1103.03 | Riverine, Urban/ Local | Kerr County | 00000022 | Multiple | No | \$50,000 | Yes, Unknown | 51 | 4 | 49 | 0 | 4 | 0 | 0.20 | 10644.26 | Yes, Unknown | No, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000068 | 10 | Lower Colorado-Lavaca | Lake Junction Dredging | Dredge Lake Junction | 10000027 | Kimble | 12090203 | 0 | Joy Creek - South Llano River | Project Planning | 0.07 | Riverine, Urban/ Local | Junction | 10003499 | Multiple | No | \$50,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 14.47 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |

| FME ID | RFPG Number | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Sponsor_ID | 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 (year) | Existing or Anticipated Maps (year) | RFPG Recommendation (Yes / No) | Reason for Recommendation |
|-----------|-------------|-----------------------|---|--|----------------------------------|-----------|----------------------------|--------------|---|------------------|-----------------|------------------------|-----------------------|------------|-------------------------|----------------|----------------------|--|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|---------------------------------------|-------------------------------------|--------------------------------|------------------------------------|
| 101000069 | 10 | Lower Colorado-Lavaca | Llano River Erosion | Develop/implement projects to prevent erosion | 10000027 | Kimble | 12090202,12090204,12090203 | | Elm Slough-North Llano River, Joy Creek - South Llano River | Project Planning | 2.39 | Riverine, Urban/ Local | Junction | 10003499 | Multiple | No | \$200,000 | Yes, Unknown | 130 | 83 | 192 | 0 | 0 | 0 | 0.04 | 426.63 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000183 | 10 | Lower Colorado-Lavaca | South Polk Street Study | Flooding study of South east side of the City of Giddings between South Polk Street and Madison. | 10000005 | Lee | 1000508 | | Upper Rabbs Creek | Project Planning | 0.26 | Riverine | Giddings | 00003143 | Multiple | No | \$150,000 | Yes, Unknown | 24 | 16 | 82 | 0 | 0 | 0 | 0.32 | 2.78 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000228 | 10 | Lower Colorado-Lavaca | Cummins Creek WS SCS Site 1 Dam Flood Management Evaluation | H&H modeling to quantify flood risk/exposure, prelim dam modification feasibility assessment, development of prelim dam modification costs, BCA, constraint evaluation/comparative analysis of other flood reduction measures in report with recommendations | 10000025,1000026,1000027,1000028 | Lee | 12090301 | 120903010601 | Onion Creek-Colorado River | Project Planning | 1.16 | Riverine | Lee County | 00000032 | Multiple | No | \$100,000 | Yes, Unknown | 47 | 36 | 44 | 0 | 1 | 0 | 1.1900001 | 579.4000244 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000070 | 10 | Lower Colorado-Lavaca | Llano River Channel Maintenance/Improvements | Implement a new program to clear and clean creeks/drains and Llano River bed | 10000027 | Llano | 12090204 | | Johnson Creek - Llano River, Pecan Creek - Llano River, Oatman Creek - Llano River, Wrights Creek - Llano River | Project Planning | 5.76 | Riverine | Llano | 10003259 | Multiple | No | \$100,000 | Yes, Unknown | 181 | 104 | 445 | 0 | 1 | 0 | 3.48 | 463.78 | Yes, Unknown | No, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000072 | 10 | Lower Colorado-Lavaca | Prepare Evacuation Plan | Create evacuation plan | 10000004 | Llano | 12090201,12090204,12090205 | | Multiple Watersheds | Preparedness | 962.44 | Riverine, Urban/ Local | Llano County | 10000045 | Multiple | No | \$25,000 | Yes, Unknown | 2739 | 2078 | 3718 | 3 | 142 | 0 | 15.17 | 44594.17 | No | No, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000073 | 10 | Lower Colorado-Lavaca | Comanche Rancherías Subdivision | Address severe flooding created by drainage from adjacent lands to Comanche Rancherías Subdivision | 10000027 | Llano | 12090201,12090204 | | Honey Creek - Lake Lyndon B Johnson | Project Planning | 5.79 | Riverine | Llano County | 10003259 | Multiple | No | \$100,000 | Yes, Unknown | 20 | 17 | 17 | 0 | 3 | 0 | 0.00 | 216.46 | Yes, Unknown | No, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000130 | 10 | Lower Colorado-Lavaca | Relocate Fire Department Building | Relocate Kingsland VFD building outside 100-year floodplain | 10000021,10000025 | Llano | 12090201 | | Peters Creek - Lake Lyndon B Johnson | Project Planning | 0.00 | Riverine | Llano County | 10000045 | Multiple | No | \$250,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | Yes, Unknown | No, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000071 | 10 | Lower Colorado-Lavaca | Drainage Ditch Maintenance/Improvements | Clean out and deepen the stormwater drainage ditches | 10000027 | Llano | 12090201 | | Sandy Creek - Lake Lyndon B Johnson | Project Planning | 2.64 | Riverine | Sunrise Beach Village | 10003567 | Multiple | No | \$100,000 | Yes, Unknown | 330 | 309 | 422 | 0 | 0 | 0 | 0.82 | 100.66 | Yes, Unknown | No, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000175 | 10 | Lower Colorado-Lavaca | 102 Beach Dr Low Water Crossing | Flood-prone problem low water crossing in need of flood study and solution, identified on sponsor outreach call. | 10000005 | Llano | 12090201 | | Sandy Creek - Lake Lyndon B Johnson | Project Planning | 0.50 | Riverine | Sunrise Beach Village | 10003567 | Multiple | No | \$100,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | Yes, Unknown | No, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000176 | 10 | Lower Colorado-Lavaca | 124 Sunrise Drive Low Water Crossing | Flood-prone problem low water crossing in need of flood study and solution, identified on sponsor outreach call. | 10000005 | Llano | 12090201 | | Sandy Creek - Lake Lyndon B Johnson | Project Planning | 0.44 | Urban/ Local | Sunrise Beach Village | 10003567 | Multiple | No | \$100,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | Yes, Unknown | No, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000076 | 10 | Lower Colorado-Lavaca | Tres Palacios River | Install automated flood warning systems on Tres Palacios River | 10000004 | Matagorda | 12090302,12100401,12100102 | | Multiple Watersheds | Preparedness | 365.91 | Riverine, Coastal | Matagorda County | 10000097 | Multiple | No | \$50,000 | Yes, Unknown | 1805 | 1207 | 3840 | 1 | 5 | 0 | 75.83 | 28385.59 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |

| FME ID | RFPG Number | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Sponsor_ID | 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 (year) | Existing or Anticipated Maps (year) | RFPG Recommendation (Yes / No) | Reason for Recommendation |
|-----------|-------------|-----------------------|---|---|-------------------|-----------|--|--------|--|--------------------|-----------------|------------------------|------------------|------------|-------------------------|----------------|----------------------|--|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|---------------------------------------|-------------------------------------|--------------------------------|------------------------------------|
| 10100077 | 10 | Lower Colorado-Lavaca | Update Flood Insurance Study & Flood Insurance Rate Maps | Update Flood Insurance Study & Flood Insurance Rate Maps. This project may be phased based on local available funds. | 10000009 | Matagorda | 12090402,12090302,12090401,12100401 | | Multiple Watersheds | Watershed Planning | 1136.08 | Riverine, Coastal | Matagorda County | 10000097 | Multiple | No | \$3,000,000 | Yes, Unknown | 7017 | 4945 | 10584 | 6 | 3 | 0 | 183.22 | 124178.52 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 10100074 | 10 | Lower Colorado-Lavaca | Construct Emergency Operation Center | Construct emergency operation center | 10000004 | Matagorda | 12100401 | 0 | Tres Palacios River - Frontal Tres Palacios Bay | Project Planning | 3.35 | Riverine, Coastal | Palacios | 10003494 | Multiple | No | \$100,000 | Yes, Unknown | 247 | 137 | 305 | 0 | 0 | 0 | 6.88 | 47.82 | Yes, Unknown | No, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 10100075 | 10 | Lower Colorado-Lavaca | Airport Drainage Improvements | Increase drainage for airport property | 10000027,10000016 | Matagorda | 12100401 | 0 | Tres Palacios River - Frontal Tres Palacios Bay | Project Planning | 0.70 | Riverine, Coastal | Palacios | 10003494 | Multiple | No | \$100,000 | Yes, Unknown | 3 | 0 | 2 | 0 | 0 | 0 | 0.00 | 4.39 | Yes, Unknown | No, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000131 | 10 | Lower Colorado-Lavaca | Police Station Relocation and Safe Room | Relocate police station outside flood zone B; build safe room inside | 10000021 | Matagorda | 12100401 | 0 | Tres Palacios River - Frontal Tres Palacios Bay | Project Planning | 0.00 | Riverine | Palacios | 10003494 | Multiple | No | \$250,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | Yes, Unknown | No, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000181 | 10 | Lower Colorado-Lavaca | Harris Hollow Neighborhood Flooding | Study area often flooded during large storm events. | 10000005 | Menard | 12090109 | 0 | Menard Irrigation Company Canal - San Saba River | Project Planning | 0.13 | Riverine, Urban/ Local | Menard | 00000050 | Multiple | No | \$100,000 | Yes, Unknown | 107 | 97 | 104 | 1 | 10 | 0 | 0.00 | 25.12 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000180 | 10 | Lower Colorado-Lavaca | Countywide Floodplain Map Update | Update floodplain maps with Atlas 14 data and provided detailed study | 10000005 | Menard | 12090109,12090110,12090202,12090204,12090105 | 0 | Multiple Watersheds | Watershed Planning | 898.47 | Riverine, Urban/ Local | Menard County | 10002764 | Multiple | No | \$250,000 | Yes, Unknown | 896 | 450 | 1256 | 5 | 31 | 0 | 12.15 | 93034.98 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000078 | 10 | Lower Colorado-Lavaca | Hooten Holler in Richland Springs | Develop engineering study of 'Hooten Holler' | 10000005 | San Saba | 12090109,12090106 | 0 | Lower Richland Springs Creek | Project Planning | 5.44 | Riverine, Urban/ Local | San Saba County | 10000066 | Multiple | No | \$100,000 | Yes, Unknown | 43 | 24 | 34 | 0 | 0 | 0 | 1.87 | 695.00 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000158 | 10 | Lower Colorado-Lavaca | Citywide Storm Drain Infrastructure Modeling | The goal of this project is to prepare 1D and 2D storm drain models for the entire City. | 10000005 | Travis | 12090205,12070205,12090301 | 0 | Multiple Watersheds | Watershed Planning | 279.33 | Riverine | Austin | 00002700 | Multiple | No | \$12,600,000 | Yes, Unknown | 5694 | 4028 | 45817 | 10 | 128 | 0 | 111.76 | 7305.66 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000203 | 10 | Lower Colorado-Lavaca | Highland Hills Crossing Improvements Project Planning | Project planning for project to upgrade the low crossing to reduce the frequency and depth of inundation and improve public safety. Develop technical data required for FMP. | 10000026 | Travis | 12090205 | 0 | Lake Austin | Project Planning | 0.47 | Riverine | Austin | 00002700 | Multiple | No | \$150,000 | Yes, Unknown | 3 | 3 | 8 | 0 | 1 | 0 | 0.02 | 1.29 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000204 | 10 | Lower Colorado-Lavaca | Shoal Creek - Nueces St Flood Risk Reduction Project Planning | Project planning for project which includes the construction of approximately 15,980 linear feet of upgraded storm drain pipe and numerous new storm drain inlets throughout the area. Develop technical data required for FMP. | 10000027 | Travis | 12090205 | 0 | Town Lake | Project Planning | 13.22 | Riverine | Austin | 00002700 | Multiple | No | \$100,000 | Yes, Unknown | 653 | 464 | 19198 | 1 | 12 | 0 | 13.96 | 51.67 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000080 | 10 | Lower Colorado-Lavaca | Community Evacuation Plan | Community Evacuation Plan | 10000004 | Travis | 12090205 | 0 | Hurst Creek - Lake Travis, Big Sandy Creek | Preparedness | 7.55 | Riverine | Jonestown | 10003455 | Multiple | No | \$25,000 | Yes, Unknown | 321 | 255 | 562 | 0 | 2 | 0 | 2.48 | 422.69 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000163 | 10 | Lower Colorado-Lavaca | Jones Brothers Park Flooding | Study area/ infrastructure often flooded during large storm events. Could also potentially be a buyout situation | 10000005 | Travis | 12090205,12070205 | 0 | Big Sandy Creek | Project Planning | 53.07 | Riverine | Jonestown | 10003455 | Multiple | No | \$100,000 | Yes, Unknown | 297 | 269 | 397 | 0 | 7 | 0 | 3.91 | 1595.41 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |

| FME ID | RFPG Number | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Sponsor_ID | 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 (year) | Existing or Anticipated Maps (year) | RFPG Recommendation (Yes / No) | Reason for Recommendation |
|-----------|-------------|-----------------------|---|--|---|----------|----------|--------------|--|--------------------|-----------------|-----------------|--------------|------------|-------------------------|----------------|----------------------|--|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|---------------------------------------|-------------------------------------|--------------------------------|------------------------------------|
| 101000164 | 10 | Lower Colorado-Lavaca | East Reed Park Road Flooding | Low water crossing upgrade for one of the most commonly closed low water crossings in Jonestown. The city has to section off road when it floods. | 10000027 | Travis | 12090205 | 0 | Hurst Creek - Lake Travis | Project Planning | 2.82 | Riverine | Jonestown | 10003455 | Multiple | No | \$100,000 | Yes, Unknown | 2 | 1 | 1 | 0 | 0 | 0 | 0.15 | 44.67 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000200 | 10 | Lower Colorado-Lavaca | Lake Travis/Cross Street Area Buyout Project Planning | Project planning for acquisition of property located in floodplain of Lake Travis and Cross St Area, or other mitigation actions. Develop technical data required for EAMP | 10000021 | Travis | 12090205 | 0 | Hurst Creek | Project Planning | 0.04 | Riverine | Jonestown | 10003455 | Multiple | No | \$100,000 | Yes, Unknown | 18 | 18 | 27 | 0 | 0 | 0 | 0.42 | 12.71 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000082 | 10 | Lower Colorado-Lavaca | Citywide Drainage Study | Conduct a drainage study and disseminate study results | 10000002, 10000005, 10000007 | Travis | 12090205 | 0 | Bee Creek - Lake Travis, Hurst Creek - Lake Travis | Watershed Planning | 15.51 | Riverine | Lago Vista | 10002612 | Multiple | No | \$250,000 | Yes, Unknown | 543 | 424 | 754 | 1 | 0 | 0 | 10.48 | 657.77 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000083 | 10 | Lower Colorado-Lavaca | Community Evacuation Plan | Community Evacuation Plan | 10000004 | Travis | 12090205 | 0 | Bee Creek - Lake Travis, Hurst Creek - Lake Travis | Preparedness | 15.51 | Riverine | Lago Vista | 10003455 | Multiple | No | \$25,000 | Yes, Unknown | 543 | 424 | 754 | 1 | 0 | 0 | 10.48 | 657.77 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000231 | 10 | Lower Colorado-Lavaca | Caldwell Elementary Improvements at Upper Gilleland Creek (DMP GC-01) | Evaluate proposed improvements to include H&H modeling with Atlas 14 rainfall, limited field survey and geotechnical investigations, prelim design of improvements, risk reduction analysis, NAI verification, cost estimate, BCA, and constraint evaluation | 10000007,10000008,10000025,10000026,10000027,10000028 | Travis | 12090301 | 120903010106 | Willbarger Creek-Colorado River | Project Planning | 0.39 | Riverine | Pflugerville | 00003458 | Multiple | No | \$680,000 | Yes, Unknown | 5 | 1 | 18 | 0 | 1 | 0 | 0.14 | 23.4099998 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000232 | 10 | Lower Colorado-Lavaca | Pflugerville Storm Drain CCTV Evaluation (DMP PF-03) | Assess the existing storm drain infrastructure within Pflugerville's business district utilizing closed-circuit television inspection. Analyze approximately 11,000' of storm drain infrastructure to develop a storm drain maintenance and improvement plan | 10000007,10000008,10000025,10000026,10000027,10000028 | Travis | 12090301 | 120903010106 | Willbarger Creek-Colorado River | Project Planning | 0.21 | Urban/ Local | Pflugerville | 00003458 | Multiple | No | \$250,000 | Yes, Unknown | 10 | 5 | 10 | 0 | 0 | 0 | 0 | 7.01 | No, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000233 | 10 | Lower Colorado-Lavaca | Hidden Lake Drive Improvements at Wilbarger Creek Tributary 200 (DMP WC-02) | Evaluate proposed improvements to include H&H modeling with Atlas 14 rainfall, limited field survey and geotechnical investigations, prelim design of improvements, risk reduction analysis, NAI verification, cost estimate, BCA, and constraint evaluation | 10000007,10000008,10000025,10000026,10000027,10000028 | Travis | 12090301 | 120903010103 | Willbarger Creek-Colorado River | Project Planning | 0.02 | Riverine | Pflugerville | 00003458 | Multiple | No | \$280,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.07 | 6 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |

| FME ID | RFPG Number | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Sponsor_ID | 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 (year) | Existing or Anticipated Maps (year) | RFPG Recommendation (Yes / No) | Reason for Recommendation |
|-----------|-------------|-----------------------|---|--|---|----------|----------|--------------|--|------------------|-----------------|-----------------|---------------|------------|-------------------------|----------------|----------------------|--|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|---------------------------------------|-------------------------------------|--------------------------------|------------------------------------|
| 101000234 | 10 | Lower Colorado-Lavaca | Kenemer Drive Improvements at Wilbarger Creek Tributary 200 (DMP WC-05) | Evaluate proposed improvements to include H&H modeling with Atlas 14 rainfall, limited field survey and geotechnical investigations, prelim design of improvements, risk reduction analysis, NAI verification, cost estimate, BCA, and constraint evaluation | 10000007,10000008,10000025,10000026,10000027,10000028 | Travis | 12090301 | 120903010103 | Willbarger Creek-Colorado River | Project Planning | 0.03 | Riverine | Pflugerville | 00003458 | Multiple | No | \$220,000 | Yes, Unknown | 2 | 2 | 8 | 0 | 0 | 0 | 0.08 | 1.97 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000235 | 10 | Lower Colorado-Lavaca | North Heatherwilde Improvements at Upper Gilleland Creek (DMP GC-02) | Evaluate proposed improvements to include H&H modeling with Atlas 14 rainfall, limited field survey and geotechnical investigations, prelim design of improvements, risk reduction analysis, NAI verification, cost estimate, BCA, and constraint evaluation | 10000007,10000008,10000025,10000026,10000027,10000028 | Travis | 12090301 | 120903010106 | Willbarger Creek-Colorado River | Project Planning | 0.03 | Riverine | Pflugerville | 00003458 | Multiple | No | \$1,200,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.03 | 5.72 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000237 | 10 | Lower Colorado-Lavaca | Railroad Avenue Improvements at Upper Gilleland Creek (DMP GC-04) | Evaluate proposed improvements to include H&H modeling with Atlas 14 rainfall, limited field survey and geotechnical investigations, prelim design of improvements, risk reduction analysis, NAI verification, cost estimate, BCA, and constraint evaluation | 10000007,10000008,10000025,10000026,10000027,10000028 | Travis | 12090301 | 120903010106 | Willbarger Creek-Colorado River | Project Planning | 0.11 | Riverine | Pflugerville | 00003458 | Multiple | No | \$1,200,000 | Yes, Unknown | 22 | 18 | 90 | 0 | 0 | 0 | 0.2 | 10.6599998 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000238 | 10 | Lower Colorado-Lavaca | Swenson Farms Improvements at Upper Gilleland Creek (DMP GC-03) | Evaluate proposed improvements to include H&H modeling with Atlas 14 rainfall, limited field survey and geotechnical investigations, prelim design of improvements, risk reduction analysis, NAI verification, cost estimate, BCA, and constraint evaluation | 10000007,10000008,10000025,10000026,10000027,10000028 | Travis | 12090301 | 120903010106 | Willbarger Creek-Colorado River | Project Planning | 0.09 | Riverine | Pflugerville | 00003458 | Multiple | No | \$370,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.09 | 17.7299995 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000239 | 10 | Lower Colorado-Lavaca | Weiss Lane Improvements at Wilbarger Creek (DMP WC-01) | Evaluate proposed improvements to include H&H modeling with Atlas 14 rainfall, limited field survey and geotechnical investigations, prelim design of improvements, risk reduction analysis, NAI verification, cost estimate, BCA, and constraint evaluation | 10000007,10000008,10000025,10000026,10000027,10000028 | Travis | 12090301 | 120903010103 | Willbarger Creek-Colorado River | Project Planning | 0.02 | Riverine | Pflugerville | 00003458 | Multiple | No | \$110,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.13 | 7.3200002 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000085 | 10 | Lower Colorado-Lavaca | Create Emergency Evacuation Plan | Create emergency evacuation plan | 10000004 | Travis | 12090205 | 0 | Bee Creek - Lake Travis, Hurst Creek - Lake Travis | Preparedness | 0.94 | Riverine | Point Venture | 10003528 | Multiple | No | \$25,000 | Yes, Unknown | 167 | 144 | 403 | 0 | 0 | 0 | 0.65 | 80.26 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |

| FME ID | RFPG Number | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Sponsor_ID | 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 (year) | Existing or Anticipated Maps (year) | RFPG Recommendation (Yes / No) | Reason for Recommendation |
|-----------|-------------|-----------------------|--|---|--------------------|----------|-------------------------------------|--------|---|--------------------|-----------------|-------------------|-----------------|------------|-------------------------|----------------|----------------------|--|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|---------------------------------------|-------------------------------------|--------------------------------|------------------------------------|
| 10100086 | 10 | Lower Colorado-Lavaca | Citywide Drainage Study | Complete engineering studies and determine project designs for stormwater flood prevention | 10000027 | Travis | 1000251,1000244 | 0 | Slaughter Creek - Onion Creek | Watershed Planning | 2.87 | Riverine | San Leanna | 10003192 | Multiple | No | \$250,000 | Yes, Unknown | 49 | 46 | 114 | 0 | 0 | 0 | 0.40 | 97.92 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000195 | 10 | Lower Colorado-Lavaca | Spicewood Springs Road Low Water Crossing #1 Project Planning | Project planning for bridge to replace undersized box culvert. Develop technical data required for FMP. | 10000027 | Travis | 12090205,12070205 | 0 | Bull Creek | Project Planning | 14.86 | Riverine | Travis County | 00000034 | Multiple | No | \$682,500 | Yes, Unknown | 10 | 8 | 13 | 0 | 7 | 0 | 1.64 | 282.51 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000088 | 10 | Lower Colorado-Lavaca | Review and Update Floodplain Management Plan | Review and update floodplain management plan; review annually | 10000014, 10000016 | Travis | 12090205 | 0 | Hurst Creek - Lake Travis, Cypress Creek - Lake Travis | Preparedness | 2.04 | Riverine | Volente | 10003461 | Multiple | No | \$25,000 | Yes, Unknown | 150 | 139 | 279 | 0 | 0 | 0 | 0.20 | 135.68 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000089 | 10 | Lower Colorado-Lavaca | Develop an Emergency Operations and Evacuation Plan | Develop an Emergency Operations and Evacuation Plan | 10000004 | Travis | 12090205 | 0 | Hurst Creek - Lake Travis, Cypress Creek - Lake Travis | Preparedness | 2.04 | Riverine | Volente | 10003461 | Multiple | No | \$25,000 | Yes, Unknown | 150 | 139 | 279 | 0 | 0 | 0 | 0.20 | 135.68 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000084 | 10 | Lower Colorado-Lavaca | Bee Creek Drainage Improvements | Complete Little Bee Creek Drainage Improvement Project | 10000027 | Travis | 12090205 | 0 | Lake Austin - Town Lake | Project Planning | 1.06 | Riverine | West Lake Hills | 10003460 | Multiple | No | \$100,000 | Yes, Unknown | 14 | 13 | 31 | 0 | 2 | 0 | 0.47 | 18.36 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000090 | 10 | Lower Colorado-Lavaca | Various Streets - Upgrade Existing Roadway Crossings | Increase dimensions of drainage culverts in flood prone areas | 10000025 | Victoria | 12100204,12100402 | 0 | Unnamed Watershed | Project Planning | 44.61 | Urban/ Local | Victoria | 00002428 | Multiple | No | \$100,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | Yes, Unknown | No, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000091 | 10 | Lower Colorado-Lavaca | Harden City Buildings, Critical Infrastructure | Harden city buildings, critical infrastructure | 10000021 | Victoria | 12100204,12100402 | 0 | Placedo Creek, Marcado Creek - Gracitas Creek | Project Planning | 36.71 | Riverine | Victoria | 00002428 | Multiple | No | \$100,000 | Yes, Unknown | 368 | 224 | 1942 | 1 | 0 | 0 | 0.00 | 849.05 | Yes, Unknown | No, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000092 | 10 | Lower Colorado-Lavaca | Citywide Drainage Study | Initiate study of storm water drainage system to assess impacts from flooding & flash flooding | 10000005 | Victoria | 12100204,12100402,12100403,12100101 | 0 | Multiple Watersheds | Watershed Planning | 885.81 | Riverine, Coastal | Victoria | 00002428 | Multiple | No | \$250,000 | Yes, Unknown | 776 | 521 | 2432 | 3 | 9 | 0 | 0.10 | 37405.84 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000093 | 10 | Lower Colorado-Lavaca | Various Streets - Upgrade Existing Roadway Crossings and Bridges | Increase dimensions of drainage culverts and Bridges | 10000025 | Victoria | 12100204,12100402,12100403,12100101 | 0 | Multiple Watersheds | Project Planning | 885.81 | Riverine, Coastal | Victoria County | 00000094 | Multiple | No | \$100,000 | Yes, Unknown | 776 | 521 | 2432 | 3 | 9 | 0 | 0.10 | 37405.84 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000095 | 10 | Lower Colorado-Lavaca | Identify and Buyout Repetitive Loss Properties | Implement a voluntary acquisition program for repetitive flood properties | 10000021 | Victoria | 12100204,12100402,12100403,12100101 | 0 | Multiple Watersheds | Project Planning | 885.81 | Riverine, Coastal | Victoria County | 00000094 | Multiple | No | \$250,000 | Yes, Unknown | 776 | 521 | 2432 | 3 | 9 | 0 | 0.1030893 | 37405.83984 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000096 | 10 | Lower Colorado-Lavaca | Harden County Buildings, Critical Infrastructure, and Government Buildings | Harden county buildings, critical infrastructure, and government buildings | 10000021 | Victoria | 12100204,12100402,12100403,12100101 | 0 | Multiple Watersheds | Project Planning | 885.81 | Riverine, Coastal | Victoria County | 00000094 | Multiple | No | \$100,000 | Yes, Unknown | 776 | 521 | 2432 | 3 | 9 | 0 | 0.10 | 37405.84 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000162 | 10 | Lower Colorado-Lavaca | City of Wharton Citywide Floodplain Map Update | Approx 70 homes are flooded along the San Bernard River during large storm events | 10000005 | Wharton | 12090401 | 0 | Boone Branch - San Bernard River | Watershed Planning | 3.78 | Riverine | East Bernard | 10002433 | Multiple | No | \$250,000 | Yes, Unknown | 158 | 142 | 223 | 0 | 0 | 0 | 4.14 | 253.20 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000098 | 10 | Lower Colorado-Lavaca | Tres Palacios, Blue Creek, East Mustang Creek | Construct regional detention/retention ponds | 10000025 | Wharton | 12090302,12100401,12100102 | 0 | Tres Palacios River - Frontal Tres Palacios Bay, Mud Creek - Blue Creek, East Mustang Creek | Watershed Planning | 9.69 | Riverine | El Campo | 10003136 | Multiple | No | \$150,000 | Yes, Unknown | 1589 | 1139 | 4199 | 1 | 3 | 0 | 34.72 | 873.98 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |

| FME ID | RFPG Number | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Sponsor_ID | 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 (year) | Existing or Anticipated Maps (year) | RFPG Recommendation (Yes / No) | Reason for Recommendation |
|-----------|-------------|-----------------------|--|---|---------------------------------|----------|--|--------|---|--------------------|-----------------|------------------------|----------------|------------|-------------------------|----------------|----------------------|--|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|---------------------------------------|-------------------------------------|--------------------------------|------------------------------------|
| 10100099 | 10 | Lower Colorado-Lavaca | Use Digital Maps of All Hazards and Educate Residents | Use GIS mapping to overlay properties with known hazards; notify residents | 10000002 | Wharton | 12090302,12100401,12100102 | | Tres Palacios River - Frontal Tres Palacios Bay, Mud Creek - Blue Creek, East Mustang Creek | Preparedness | 9.69 | Riverine | El Campo | 10003136 | Multiple | No | \$100,000 | Yes, Unknown | 1589 | 1139 | 4199 | 1 | 3 | 0 | 34.72 | 873.98 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000100 | 10 | Lower Colorado-Lavaca | Pecan Street | Install larger storm drainage | 10000025 | Wharton | 12100401 | | Tres Palacios River - Frontal Tres Palacios Bay | Project Planning | 0.00 | Urban/ Local | El Campo | 10003136 | Multiple | No | \$100,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000101 | 10 | Lower Colorado-Lavaca | Town & Country Drive | Install larger storm drainage | 10000025 | Wharton | 12100401 | | Tres Palacios River - Frontal Tres Palacios Bay | Project Planning | 0.00 | Urban/ Local | El Campo | 10003136 | Multiple | No | \$100,000 | Yes, Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000210 | 10 | Lower Colorado-Lavaca | City of El Campo Drainage Master Plan Update | Watershed Study, stormsewer study, and MDUS feasibility study | 100000021, 100000025 | Wharton | 12100102,12090302,12100401 | | Lower Colorado, Central Matagorda Bay, Navidad | Watershed Planning | 33.45 | Riverine, Urban/ Local | El Campo | 10003136 | Multiple | No | \$750,000 | Yes, Unknown | 1820 | 1293 | 4600 | 1 | 4 | 0 | 45.23 | 5707.29 | No, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000184 | 10 | Lower Colorado-Lavaca | City of Wharton City wide Flood Warning Systems | Implement warning systems | 10000003 | Wharton | 12090402,12090302,12090401 | | Multiple Watersheds | Preparedness | 7.50 | Riverine | Wharton | 10003431 | Multiple | No | \$250,000 | Yes, Unknown | 1901 | 1455 | 6429 | 6 | 0 | 0 | 57.10 | 1117.72 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000185 | 10 | Lower Colorado-Lavaca | City of Wharton City wide Drainage Master Plan | Update/implement Drainage Master Plan | 10000028 | Wharton | 12090402,12090302,12090401 | | Multiple Watersheds | Watershed Planning | 7.50 | Riverine | Wharton | 10003431 | Multiple | No | \$250,000 | Yes, Unknown | 1901 | 1455 | 6429 | 6 | 0 | 0 | 57.10 | 1117.72 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000208 | 10 | Lower Colorado-Lavaca | Glen Flora Drainage Master Plan and Levee Project | Watershed Study and Project Planning | 100000021, 100000025 | Wharton | 12090302,12090401 | | San Bernard, Lower Colorado | Watershed Planning | 0.60 | Riverine, Urban/ Local | Wharton County | 10000004 | Multiple | No | \$300,000 | Yes, Unknown | 48 | 31 | 65 | 0 | 0 | 0 | 1.41 | 112.05 | No, Unknown | No, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000211 | 10 | Lower Colorado-Lavaca | Jarvis Creek Channel Widening and Regional Detention Project | Drainage System Improvements | 100000021, 100000025, 100000027 | Wharton | 12090302,12090402 | | Lower Colorado | Project Planning | 31.41 | Riverine, Urban/ Local | Wharton County | 10000004 | Multiple | No | \$150,000 | Yes, Unknown | 755 | 618 | 1235 | 0 | 0 | 0 | 22.30 | 5475.36 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000212 | 10 | Lower Colorado-Lavaca | Louise Internal Drainage Master Plan | Drainage System Improvements | 100000021, 100000025 | Wharton | 12100102 | | Navidad | Watershed Planning | 0.82 | Riverine, Urban/ Local | Wharton County | 10000004 | Multiple | No | \$400,000 | Yes, Unknown | 20 | 12 | 21 | 0 | 0 | 0 | 0.09 | 16.19 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000213 | 10 | Lower Colorado-Lavaca | Wharton County Drainage Master Plan Update | Watershed Study, implemented in several phases by watershed and based on local match funds available | 100000021, 100000025 | Wharton | 12090302,12090401,12090402,12100102,12100401 | | Navidad, Central Matagorda Bay, Lower Colorado, East Matagorda Bay, San Bernard | Watershed Planning | 1090.72 | Riverine, Urban/ Local | Wharton County | 10000004 | Multiple | No | \$4,000,000 | Yes, Unknown | 7119 | 5091 | 15780 | 8 | 18 | 0 | 367.95 | 177474.02 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000240 | 10 | Lower Colorado-Lavaca | Town of Boling Drainage Master Plan | Drainage Master Plan to identify flood risk and potential mitigation actions including channel, storm drain, and streets | 10000025, 10000027 | Wharton | 12090402 | | Caney Creek | Project Planning | 0.94 | Riverine | Wharton County | 10000004 | Multiple | No | \$150,000 | Yes, Unknown | 14 | 4 | 42 | 0 | 0 | 0 | 0.0905655 | 37.27 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000241 | 10 | Lower Colorado-Lavaca | Louise Drainage Master Plan | Drainage Master Plan to identify flood risk and potential mitigation actions including channel, storm drain, and streets | 10000025, 10000027 | Wharton | 12100102 | | East Mustang Creek and Middle Mustang Creek | Project Planning | 8.27 | Riverine | Wharton County | 10000004 | Multiple | No | \$150,000 | Yes, Unknown | 50 | 30 | 63 | 0 | 0 | 0 | 5.1503282 | 1123.17 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000243 | 10 | Lower Colorado-Lavaca | Colorado River Levee Gate Structure Improvements | Evaluate BCA and define construction cost for new gate structures along the Eastern Colorado River Levee near Bay City, TX. | 10000025, 10000027 | Wharton | 12090302 | | Caney Creek | Project Planning | 361.18 | Riverine | Wharton County | 10000004 | Multiple | No | \$100,000 | Yes, Unknown | 3531 | 2570 | 6869 | 4 | 1 | 0 | 152.5576782 | 83082.54 | No, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |

| FME ID | RFPG Number | RFPG Name | FME Name | Description | Associated Goals | Counties | HUC8s | HUC12s | Watershed Name | Study Type | FME Area (sqmi) | Flood Risk Type | Sponsor | Sponsor_ID | 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 (year) | Existing or Anticipated Maps (year) | RFPG Recommendation (Yes / No) | Reason for Recommendation |
|-----------|-------------|-----------------------|---|---|--------------------|----------|----------|--------|-------------------|------------------|-----------------|-----------------|----------------|------------|-------------------------|----------------|----------------------|--|--|------------------------------------|------------------------------------|---------------------------------------|---|---------------------------------------|---|--|---------------------------------------|-------------------------------------|--------------------------------|------------------------------------|
| 101000244 | 10 | Lower Colorado-Lavaca | El Lobo Neighborhood Drainage Improvements | Evaluate BCA and define construction cost for levee improvements, channel improvements, and drainage improvements needed to reduce flood risk for the El Lobo Neighborhood. | 10000025, 10000027 | Wharton | 12090401 | 0 | San Bernard River | Project Planning | 1.97 | Riverine | Wharton County | 10000004 | Multiple | No | \$50,000 | Yes, Unknown | 136 | 117 | 223 | 0 | 0 | 0 | 5.6753368 | 561.89 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |
| 101000245 | 10 | Lower Colorado-Lavaca | Pecan Valley Phase 2 Preliminary Engineering Report | Develop revised 30% design, evaluate BCA, update RAS 2D model | 10000025 | Wharton | 12090302 | 0 | Colorado River | Project Planning | 2.29 | Riverine | Wharton County | 10000004 | Multiple | No | \$100,000 | Yes, Unknown | 86 | 69 | 141 | 0 | 0 | 0 | 4.6658211 | 1320.42 | Yes, Unknown | Yes, Unknown | Yes | Meets TWDB criteria and RFPG Goals |

Lower Colorado-Lavaca Region Flood Mitigation Projects Recommended by RFPG

| | | | | | | | | | | | | | | | | | | | Flood Risk | | | | | | | |
|-----------|-------------|-----------------------|---|---|-------------------------------------|----------|--------|---------------------------------|----------------|---------------------|---|-----------------|------------|-------------------------|-------------------------|-----------------------------|--|---|---|---|---|---|---|---|---------------------------------------|---|
| FMP ID | RFPG Number | RFPG Name | FMP Name | Description | Associated Goals (ID) | Counties | HUC12s | Watershed Name | Project Type | Project Area (sqmi) | Flood Risk Type (Riverine, Coastal, Urban, Playa Other) | Sponsor | Sponsor ID | Entities with Oversight | Emergency Need (Yes/No) | Estimated Project Cost (\$) | Potential Funding (Sources and Amount) | Area in 100yr Floodplain (1% annual chance) | Area in 500yr Floodplain (0.2% annual chance) | Estimated number of structures (100yr flood risk) | Residential structures (100yr flood risk) | Estimated Population (100yr flood risk) | Critical facilities (100yr flood risk, #) | Number of low water crossings at flood risk (#) | Estimated number of road closures (#) | |
| 103000057 | 10 | Lower Colorado-Lavaca | Detention Pond at Hunters Crossing (DMP SB-01) | Outlet weir structure, berm improvements | 10000027,10000028 | Bastrop | - | Piney Creek-Colorado River | Detention Pond | 0.12 | Riverine | Bastrop | 10003203 | Multiple | No | \$708,000 | Yes, Unknown | 0.02 | 0.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 103000059 | 10 | Lower Colorado-Lavaca | SH-95 Improvements at Gills Branch (DMP GB-01) | Addition of culverts at SH-95 | 10000027,10000028 | Bastrop | - | Piney Creek-Colorado River | LWC upgrade | 0.02 | Riverine | Bastrop | 10003203 | Multiple | No | \$688,000 | Yes, Unknown | 0.01 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 103000005 | 10 | Lower Colorado-Lavaca | Gills Branch Flood Mitigation Improvements | 5,050 LF channel benching, 175 LF channel improvements, increased capacity at 3 roadway creek crossings, landscape walls | 10000027 | Bastrop | - | Lower Colorado-Cummins | Channel | 2.97 | Riverine | Bastrop | 10003203 | Multiple | No | \$6,240,000 | Yes, Unknown | 0.41 | 0.09 | 362 | 278 | 1713 | 1 | 5 | 0 | |
| 103000001 | 10 | Lower Colorado-Lavaca | Alum Creek - Cardinal Drive Improvements | 2 box culverts: 4x3 west, 4 box culverts: 4x2 east, 310 LF raised roadway and channel widening adjacent to roadway | 10000027 | Bastrop | - | Lower Colorado-Cummins | LWC upgrade | 4.53 | Riverine | Bastrop County | 00000028 | Multiple | No | \$545,000 | Yes, Unknown | 0.22 | 0.21 | 1 | 1 | 3 | 0 | 0 | 0 | |
| 103000002 | 10 | Lower Colorado-Lavaca | Alum Creek - Cardinal Drive Improvements (Tributary 11) | 5 box culverts: 7x6, 360 LF raised roadway and channel widening | 10000027 | Bastrop | - | Lower Colorado-Cummins | LWC upgrade | 2.44 | Riverine | Bastrop County | 00000028 | Multiple | No | \$719,000 | Yes, Unknown | 0.13 | 0.16 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 103000003 | 10 | Lower Colorado-Lavaca | Alum Creek - Cardinal Drive Improvements (Tributary 87) | 3 box culverts: 8x6, 100 LF raised roadway and channel widening | 10000027 | Bastrop | - | Lower Colorado-Cummins | LWC upgrade | 0.45 | Riverine | Bastrop County | 00000028 | Multiple | No | \$352,000 | Yes, Unknown | 0.03 | 0.02 | 1 | 1 | 2 | 0 | 0 | 0 | |
| 103000004 | 10 | Lower Colorado-Lavaca | Alum Creek - Ponderosa Loop Improvements | 3 box culverts: 8x5, 192 LF raised roadway | 10000027 | Bastrop | - | Lower Colorado-Cummins | LWC upgrade | 0.96 | Riverine | Bastrop County | 00000028 | Multiple | No | \$431,000 | Yes, Unknown | 0.01 | 0.05 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 103000060 | 10 | Lower Colorado-Lavaca | FM 812 at Little Alum Creek | Replace existing culvert with bridge and channel benching at FM 812 | 10000025,10000026,10000027,10000028 | Bastrop | - | Walnut Creek-Cedar Creek | LWC upgrade | 0.06 | Riverine | Bastrop County | 00000028 | Multiple | No | \$8,289,000 | Yes, Unknown | 0.04 | 0.05 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 103000061 | 10 | Lower Colorado-Lavaca | Piney Creek Mitigation | Bridge improvements and channel benching at SH95, Main St, and UPRR | 10000025,10000026,10000027,10000028 | Bastrop | - | Piney Creek-Colorado River | LWC upgrade | 1.03 | Riverine | Bastrop County | 00000028 | Multiple | No | \$23,992,000 | Yes, Unknown | 0.50 | 0.78 | 29 | 27 | 90 | 1 | 1 | 0 | |
| 103000034 | 10 | Lower Colorado-Lavaca | 8 Low Water Crossings - Flood Warning System | Install flood warning signals at 8 identified low water crossings that frequently overtop. Additional flow gauge installations. | 10000004 | Burnet | - | Austin-Travis Lakes | Preparedness | 15.77 | Riverine | Marble Falls | 10003109 | Multiple | No | \$220,000 | Yes, Unknown | 2.21 | 0.28 | 411 | 279 | 2042 | 1 | 27 | 0 | |
| 103000066 | 10 | Lower Colorado-Lavaca | Broadway Avenue at Backbone Creek Low Water Crossing | This FMP replaces the Broadway Street bridge and does channel improvements adjacent to the bridge. The existing bridge is approximately 150 feet long. The new bridge length will be increased to approximately 350 feet long and be raised up 10.5 feet. | 10000025,10000026,10000027,10000028 | Burnet | - | Backbone Creek - Colorado River | LWC upgrade | 0.08 | Riverine | Marble Falls | 10003109 | Multiple | No | \$5,235,000 | Yes, Unknown | 0.04 | 0.01 | 28 | 21 | 752 | 0 | 2 | 0 | |
| 103000067 | 10 | Lower Colorado-Lavaca | Whitman Branch Industrial Area - Regional Detention | This FMP is regional stormwater detention that controls flows upstream of the Commerce Street area. The solution includes an approximately 36 ft tall earthen dam approximately 1750 feet long on Whitman Branch near Coach Drive. | 10000025,10000026,10000027,10000028 | Burnet | - | Backbone Creek - Colorado River | Dam | 0.92 | Riverine | Marble Falls | 10003109 | Multiple | No | \$28,000,000 | Yes, Unknown | 0.28 | 0.03 | 49 | 1 | 621 | 0 | 3 | 0 | |
| 103000062 | 10 | Lower Colorado-Lavaca | Cedar Creek Channel Improvements Near Christian Drive | Channel improvements to reduce residential flooding near Christian Drive | 10000025,10000027 | Caldwell | - | Cedar Creek | Channel | 0.33 | Riverine | Caldwell County | 00000016 | Multiple | No | \$14,654,000 | Yes, Unknown | 0.30 | 0.02 | 16 | 9 | 14 | 0 | 1 | 0 | |
| 103000063 | 10 | Lower Colorado-Lavaca | CR 170 Low Water Crossing Improvements @ Lytton Creek | Upgrade 2 existing low water crossings to include box culverts and channel improvements | 10000025,10000027 | Caldwell | - | Lytton Creek | LWC upgrade | 0.12 | Riverine | Caldwell County | 00000016 | Multiple | No | \$4,877,000 | Yes, Unknown | 0.06 | 0.01 | 0 | 0 | 0 | 0 | 2 | 0 | |
| 103000064 | 10 | Lower Colorado-Lavaca | CR 172 Low Water Crossing Improvements @ Lytton Creek | Upgrade existing low water crossing to include box culverts and channel improvements | 10000025,10000027 | Caldwell | - | Lytton Creek | LWC upgrade | 0.04 | Riverine | Caldwell County | 00000016 | Multiple | No | \$4,574,000 | Yes, Unknown | 0.03 | 0.00 | 0 | 0 | 0 | 0 | 1 | 0 | |

| FMP ID | Estimated length of roads at flood risk (Miles) | Estimated active farm & ranch land at flood risk (acres) | Reduction in Flood Risk | | | | | | | | | | | | Pre-Project Level of Service | Post-Project Level of Service | Cost/ Structure removed | Percent Nature-based Solution (by cost) | Negative Impact (Yes/No) | Negative Impact Mitigation (Yes/No) | Social Vulnerability Index (svi) | Water Supply Benefit (Yes/No) | Traffic Count for Low Water Crossings | Benefit-Cost Ratio | RFPG Recommendation (Yes/No) | Reason for Recommendation | |
|-----------|---|--|---|---|---|---|---|--|--|---|---|--|--|--|------------------------------|-------------------------------|-------------------------|---|--------------------------|-------------------------------------|----------------------------------|-------------------------------|---------------------------------------|--------------------|------------------------------|------------------------------------|------------------------------------|
| | | | Number of structures with reduced 100yr Flood risk (1% annual chance) | Number of structures removed from 100yr Flood risk (1% annual chance) | Number of structures removed from 500yr Flood risk (0.2% annual chance) | Residential structures removed from 100yr Flood risk (1% annual chance) | Estimated Population removed from 100yr Flood risk (1% annual chance) | Critical facilities removed from 100yr (1% annual chance) Flood risk (#) | Number of low water crossings removed from 100yr (1% annual chance) Flood risk (#) | Estimated reduction in road closure occurrences | Estimated length of roads removed from 100yr flood risk (Miles) | Estimated active farm & ranch land removed from 100yr flood risk (acres) | Estimated reduction in fatalities (if available) | Estimated reduction in injuries (if available) | | | | | | | | | | | | | |
| 103000057 | 0.04 | 7.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 1.13 | Unknown | Unknown | >4% ACE | 1% ACE | | 0 | No | N/A | 0.399 | No | 815 | 0.03 | Yes | Meets TWDB criteria and RFPG Goals |
| 103000059 | 0.62 | 0.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | >10% ACE | 4% ACE | | 0 | No | N/A | 0.598 | No | 24882 | 0.20 | Yes | Meets TWDB criteria and RFPG Goals |
| 103000005 | 5.41 | 66.65 | 23 | 242 | 0 | 170 | 1051 | 1 | 4 | Unknown | 3 | 0.00 | Unknown | Unknown | >1% ACE | 1% ACE | \$25,785 | 0 | No | N/A | 0.419 | No | 0 | 1.15 | Yes | Meets TWDB criteria and RFPG Goals | |
| 103000001 | 0.02 | 133.56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | >50% ACE | 20% ACE | | 0 | No | N/A | 0.364 | No | 0 | 0.13 | Yes | Meets TWDB criteria and RFPG Goals | |
| 103000002 | 0.03 | 78.49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | >50% ACE | 10% ACE | | 0 | No | N/A | 0.259 | No | 0 | 0.47 | Yes | Meets TWDB criteria and RFPG Goals | |
| 103000003 | 0.02 | 14.00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | Unknown | 1 | 0.00 | Unknown | Unknown | >50% ACE | 1% ACE | | 0 | No | N/A | 0.259 | No | 0 | 0.05 | Yes | Meets TWDB criteria and RFPG Goals | |
| 103000004 | 0.03 | 4.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | >50% ACE | 10% ACE | | 0 | No | N/A | 0.259 | No | 0 | 0.01 | Yes | Meets TWDB criteria and RFPG Goals | |
| 103000060 | 0.80 | 20.22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 4.85 | Unknown | Unknown | >20% ACE | 1% ACE | | 39 | No | N/A | 0.315 | No | 2265 | 0.50 | Yes | Meets TWDB criteria and RFPG Goals | |
| 103000061 | 1.64 | 219.04 | 29 | 24 | 0 | 23 | 56 | 1 | 0 | Unknown | 1 | 80.14 | Unknown | Unknown | >50% ACE | 1% ACE | \$999,667 | 29 | No | N/A | 0.564 | No | 21028 | 0.60 | Yes | Meets TWDB criteria and RFPG Goals | |
| 103000034 | 10.05 | 604.68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | | 0 | No | N/A | 0.666 | No | 0 | 0.00 | Yes | Meets TWDB criteria and RFPG Goals | |
| 103000066 | 0.60 | 2.51 | 15 | 4 | 0 | 2 | 26 | 0 | 1 | 1 | 0 | 0.01 | Unknown | Unknown | 50% ACE | 1% ACE | \$1,308,750 | 10 | No | N/A | 0.692 | No | 0 | 0.70 | Yes | Meets TWDB criteria and RFPG Goals | |
| 103000067 | 0.84 | 109.04 | 11 | 38 | 0 | 1 | 91 | 0 | 1 | 2 | 0 | 5.26 | Unknown | Unknown | 50% ACE | 1% ACE | \$736,842 | 0 | No | N/A | 0.692 | No | 0 | 1.30 | Yes | Meets TWDB criteria and RFPG Goals | |
| 103000062 | 0.56 | 0.00 | 7 | 9 | 0 | 8 | 24 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | Unknown | Unknown | \$1,628,222 | 5 | No | N/A | 0.606 | No | 0 | 0.00 | Yes | Meets TWDB criteria and RFPG Goals | |
| 103000063 | 0.34 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | Unknown | 0 | 0.00 | Unknown | Unknown | Unknown | 50% ACE | | 5 | No | N/A | 0.606 | No | 0 | 0.10 | Yes | Meets TWDB criteria and RFPG Goals | |
| 103000064 | 0.11 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | Unknown | 1% ACE | | 5 | No | N/A | 0.606 | No | 0 | 0.50 | Yes | Meets TWDB criteria and RFPG Goals | |

| | | | | | | | | | | | | | | | | | | Flood Risk | | | | | | | | |
|-----------|-------------|-----------------------|--|---|-----------------------|-----------|--------|----------------------------------|------------------------|---------------------|---|----------------|------------|-------------------------|-------------------------|-----------------------------|--|---|---|---|---|---|---|---|---------------------------------------|---|
| FMP ID | RFPG Number | RFPG Name | FMP Name | Description | Associated Goals (ID) | Counties | HUC12s | Watershed Name | Project Type | Project Area (sqmi) | Flood Risk Type (Riverine, Coastal, Urban, Playa Other) | Sponsor | Sponsor ID | Entities with Oversight | Emergency Need (Yes/No) | Estimated Project Cost (\$) | Potential Funding (Sources and Amount) | Area in 100yr Floodplain (1% annual chance) | Area in 500yr Floodplain (0.2% annual chance) | Estimated number of structures (100yr flood risk) | Residential structures (100yr flood risk) | Estimated Population (100yr flood risk) | Critical facilities (100yr flood risk, #) | Number of low water crossings at flood risk (#) | Estimated number of road closures (#) | |
| 103000041 | 10 | Lower Colorado-Lavaca | City of Eagle Lake Water Plan Backup Generator | Retrofit plant with backup generator | 10000004 | Colorado | - | Lower Colorado | Preparedness | 0.00 | Riverine | Eagle Lake | 10003069 | Multiple | No | \$826,000 | Yes, Unknown | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 103000042 | 10 | Lower Colorado-Lavaca | Beasley City Hall Backup Generator | Emergency generator for VFW | 10000004 | Fort Bend | - | San Bernard | Preparedness | 0.00 | Riverine, Urban/ Local | Beasley | 00002921 | Multiple | No | \$83,000 | Yes, Unknown | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 103000043 | 10 | Lower Colorado-Lavaca | Beasley City Fire Department Backup Generator | Emergency generator for Fire Department | 10000004 | Fort Bend | - | San Bernard | Preparedness | 0.00 | Riverine, Urban/ Local | Beasley | 00002921 | Multiple | No | \$83,000 | Yes, Unknown | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 103000033 | 10 | Lower Colorado-Lavaca | S Bowie Low Water Crossing - Flood Warning System | Install FEWS with automatic gates & flashers | 10000004 | Gillespie | - | Buchanan-Lyndon B. Johnson Lakes | Preparedness | 17.67 | Riverine, Urban/ Local | Fredericksburg | 10002910 | Multiple | No | \$28,000 | Yes, Unknown | 0.97 | 0.32 | 30 | 18 | 36 | 0 | 1 | 0 | |
| 103000037 | 10 | Lower Colorado-Lavaca | Lady Bird Golf Course Low Water Crossing - Flood Warning System | Install FEWS with automatic gates & flashers | 10000004 | Gillespie | - | Pedernales | Preparedness | 0.00 | Riverine | Fredericksburg | 10002910 | Multiple | No | \$28,000 | Yes, Unknown | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 1 | 0 | |
| 103000038 | 10 | Lower Colorado-Lavaca | W Travis Low Water Crossing - Flood Warning System | Install FEWS with automatic gates & flashers | 10000004 | Gillespie | - | Pedernales | Preparedness | 0.00 | Riverine | Fredericksburg | 10002910 | Multiple | No | \$28,000 | Yes, Unknown | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 1 | 0 | |
| 103000039 | 10 | Lower Colorado-Lavaca | Windmill Oaks Subdivision - Flood Warning System | FNI proposes to install FEWS with automatic gates & flashers | 10000004 | Gillespie | - | Pedernales | Preparedness | 0.00 | Riverine | Fredericksburg | 10002910 | Multiple | No | \$28,000 | Yes, Unknown | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 103000065 | 10 | Lower Colorado-Lavaca | Creek Street at Barons Creek | Upgrade existing low water crossing and channel improvements | 10000027 | Gillespie | - | Barons Creek | LWC upgrade | 0.00 | Riverine | Fredericksburg | 10002910 | Multiple | No | \$2,027,000 | Yes, Unknown | 0.00 | 0.00 | 1 | 1 | 3 | 0 | 0 | 0 | |
| 103000044 | 10 | Lower Colorado-Lavaca | Emergency Management System Backup Generators | Purchase/install 30 kW generator to maintain government | 10000004 | Jackson | - | Lavaca | Preparedness | 0.00 | Riverine, Urban/ Local | Edna | 10002696 | Multiple | No | \$89,000 | Yes, Unknown | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 103000045 | 10 | Lower Colorado-Lavaca | City of Edna Safe Room Backup Generator | Purchase/install 100 kW generator to for Community Safe Room (triage center) | 10000004 | Jackson | - | Lavaca | Preparedness | 0.00 | Riverine | Edna | 10002696 | Multiple | No | \$150,000 | Yes, Unknown | 0.00 | 0.00 | 3 | 0 | 4 | 0 | 0 | 0 | |
| 103000046 | 10 | Lower Colorado-Lavaca | City of Edna Sewer Lift Station Backup Generator | Purchase/install 30 kW generator to maintain WWTP | 10000004 | Jackson | - | Lavaca | Preparedness | 0.00 | Riverine | Edna | 10002696 | Multiple | No | \$89,000 | Yes, Unknown | 0.00 | 0.00 | 1 | 0 | 2 | 0 | 0 | 0 | |
| 103000050 | 10 | Lower Colorado-Lavaca | City of Edna Hospital Backup Generator | Purchase permanent back-up generator for hospital | 10000004 | Jackson | - | Lavaca | Preparedness | 0.03 | Riverine | Edna | 10002696 | Multiple | No | \$500,000 | Yes, Unknown | 0.01 | 0.00 | 3 | 0 | 5 | 0 | 0 | 0 | |
| 103000047 | 10 | Lower Colorado-Lavaca | City of Ganado Sewer Lift Station Backup Generator | Emergency generators for sewer lift stations | 10000004 | Jackson | - | Navidad | Preparedness | 1.12 | Riverine | Ganado | 10002698 | Multiple | No | \$89,000 | Yes, Unknown | 0.10 | 0.05 | 28 | 17 | 77 | 0 | 0 | 0 | |
| 103000048 | 10 | Lower Colorado-Lavaca | Jackson County Courthouse Backup Generator | Purchase generator for courthouse | 10000004 | Jackson | - | Lavaca | Preparedness | 0.00 | Riverine, Urban/ Local | Jackson County | 10000098 | Multiple | No | \$89,000 | Yes, Unknown | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 103000054 | 10 | Lower Colorado-Lavaca | Portable Electronic Signs | Portable electronic signs | 10000004 | Jackson | - | East Matagorda Bay | Preparedness | 0.85 | Riverine | La Ward | 10002705 | Multiple | No | \$56,000 | Yes, Unknown | 0.24 | 0.01 | 17 | 7 | 17 | 0 | 0 | 0 | |
| 103000051 | 10 | Lower Colorado-Lavaca | Various Streets - Flood Warning System | Purchase flood early warning system | 10000004 | Menard | - | San Saba | Preparedness | 2.19 | Riverine, Urban/ Local | Menard | 10002764 | Multiple | No | \$310,000 | Yes, Unknown | 0.93 | 0.03 | 518 | 372 | 1020 | 5 | 11 | 0 | |
| 103000031 | 10 | Lower Colorado-Lavaca | South Austin Regional WWTP / Sand Hill Energy Center Flood Reduction | Structural flood mitigation measures to protect WWTP | 10000025 | Travis | - | Austin-Travis Lakes | Flood Walls and Levees | 0.38 | Riverine | Austin | 00002700 | Multiple | No | \$115,000,000 | Yes, Unknown | 0.35 | 0.03 | 57 | 0 | 239 | 2 | 0 | 0 | |
| 103000032 | 10 | Lower Colorado-Lavaca | Walnut Creek Wastewater Treatment Plant Flood Wall | Sheetpile floodwall installation to protect WWTP | 10000025 | Travis | - | Austin-Travis Lakes | Flood Walls and Levees | 0.19 | Riverine | Austin | 00002700 | Multiple | No | \$31,462,000 | Yes, Unknown | 0.04 | 0.05 | 1 | 0 | 0 | 1 | 0 | 0 | |
| 103000055 | 10 | Lower Colorado-Lavaca | Dalton Lane Low Water Crossing Improvements | Project replaces culverts of 2 exist. low water crossings (LWC) with new bridges. The LWC flood in the 2-yr storm and the project will prevent the LWCs from overtopping in the 100-yr storm. Creek restoration downstream of the crossings to prevent erosion. | 10000025 | Travis | - | Carson Creek | LWC upgrade | 2.29 | Riverine | Austin | 00002700 | Multiple | No | \$19,138,000 | Yes, Unknown | 0.33 | 0.04 | 0 | 0 | 0 | 0 | 2 | 0 | |
| 103000056 | 10 | Lower Colorado-Lavaca | Waller Creek - Guadalupe St Flood Risk Reduction Project | Install new storm drain, detention ponds, and LID | 10000025, 10000027 | Travis | - | Town Lake | Storm Drain | 2.71 | Riverine, Urban/ Local | Austin | 00002700 | Multiple | No | \$72,072,000 | Yes, Unknown | 0.12 | 0.03 | 207 | 179 | 1,053 | 0 | 5 | 0 | |
| 103000053 | 10 | Lower Colorado-Lavaca | Steiner Ranch WWTP Backup Generator | Purchase stand-by generator for WWTP | 10000004 | Travis | - | Austin-Travis Lakes | Preparedness | 0.00 | Riverine | Briarcliff | 10003188 | Multiple | No | \$809,000 | Yes, Unknown | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 103000023 | 10 | Lower Colorado-Lavaca | Sandy Creek/Pecan Park Areas Buyout | Acquisition of 11 residential properties located in the regulatory 1% ACE floodplain and floodway on Sandy Creek, Pecan Park area | 10000021 | Travis | - | Austin-Travis Lakes | Property Acquisition | 0.04 | Riverine | Jonestown | 10003455 | Multiple | No | \$1,050,000 | Yes, Unknown | 0.02 | 0.00 | 12 | 10 | 14 | 0 | 0 | 0 | |

| FMP ID | Estimated length of roads at flood risk (Miles) | Estimated active farm & ranch land at flood risk (acres) | Reduction in Flood Risk | | | | | | | | | | Pre-Project Level of Service | Post-Project Level of Service | Cost/ Structure removed | Percent Nature-based Solution (by cost) | Negative Impact (Yes/No) | Negative Impact Mitigation (Yes/No) | Social Vulnerability Index (svi) | Water Supply Benefit (Yes/No) | Traffic Count for Low Water Crossings | Benefit-Cost Ratio | RFPG Recommendation (Yes/No) | Reason for Recommendation | | | |
|-----------|---|--|---|---|---|---|---|--|--|---|---|--|------------------------------|-------------------------------|-------------------------|---|--------------------------|-------------------------------------|----------------------------------|-------------------------------|---------------------------------------|--------------------|------------------------------|---------------------------|--|--|------------------------------------|
| | | | Number of structures with reduced 100yr Flood risk (1% annual chance) | Number of structures removed from 100yr Flood risk (1% annual chance) | Number of structures removed from 500yr Flood risk (0.2% annual chance) | Residential structures removed from 100yr Flood risk (1% annual chance) | Estimated Population removed from 100yr Flood risk (1% annual chance) | Critical facilities removed from 100yr (1% annual chance) Flood risk (#) | Number of low water crossings removed from 100yr (1% annual chance) Flood risk (#) | Estimated reduction in road closure occurrences | Estimated length of roads removed from 100yr flood risk (Miles) | Estimated active farm & ranch land removed from 100yr flood risk (acres) | | | | | | | | | | | | | Estimated reduction in fatalities (if available) | Estimated reduction in injuries (if available) | |
| 103000041 | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | 0 | No | N/A | 0.706 | No | 0 | 0.00 | Yes | Meets TWDB criteria and RFPG Goals | |
| 103000042 | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | 0 | No | N/A | 0.483 | No | 0 | 0.00 | Yes | Meets TWDB criteria and RFPG Goals | |
| 103000043 | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | 0 | No | N/A | 0.483 | No | 0 | 0.00 | Yes | Meets TWDB criteria and RFPG Goals | |
| 103000033 | 0.00 | 575.36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | 0 | No | N/A | 0.380 | No | 0 | 0.00 | Yes | Meets TWDB criteria and RFPG Goals | |
| 103000037 | 0.00 | 0.12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | 0 | No | N/A | 0.641 | No | 0 | 0.00 | Yes | Meets TWDB criteria and RFPG Goals | |
| 103000038 | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | 0 | No | N/A | 0.380 | No | 0 | 0.00 | Yes | Meets TWDB criteria and RFPG Goals | |
| 103000039 | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | 0 | No | N/A | 0.641 | No | 0 | 0.00 | Yes | Meets TWDB criteria and RFPG Goals | |
| 103000065 | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | >50% ACE | 10% ACE | 0 | No | N/A | 0.443 | No | 0 | 0.30 | Yes | Meets TWDB criteria and RFPG Goals | |
| 103000044 | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | 0 | No | N/A | 0.558 | No | 0 | 0.00 | Yes | Meets TWDB criteria and RFPG Goals | |
| 103000045 | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | 0 | No | N/A | 0.635 | No | 0 | 0.00 | Yes | Meets TWDB criteria and RFPG Goals | |
| 103000046 | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | 0 | No | N/A | 0.635 | No | 0 | 0.00 | Yes | Meets TWDB criteria and RFPG Goals | |
| 103000050 | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | 0 | No | N/A | 0.558 | No | 0 | 0.00 | Yes | Meets TWDB criteria and RFPG Goals | |
| 103000047 | 0.42 | 27.73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | 0 | No | N/A | 0.513 | No | 0 | 0.00 | Yes | Meets TWDB criteria and RFPG Goals | |
| 103000048 | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | 0 | No | N/A | 0.558 | No | 0 | 0.00 | Yes | Meets TWDB criteria and RFPG Goals | |
| 103000054 | 1.05 | 133.90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | 0 | No | N/A | 0.513 | No | 0 | 0.00 | Yes | Meets TWDB criteria and RFPG Goals | |
| 103000051 | 0.00 | 243.27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | 0 | No | N/A | 0.541 | No | 0 | 0.00 | Yes | Meets TWDB criteria and RFPG Goals | |
| 103000031 | 0.00 | 130.33 | 0 | 57 | 12 | 0 | 0 | 1 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | >1% ACE | <1% ACE | \$2,017,544 | 0 | No | N/A | 0.541 | No | 0 | 7.21 | Yes | Meets TWDB criteria and RFPG Goals |
| 103000032 | 0.00 | 6.34 | 0 | 1 | 6 | 0 | 0 | 1 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | >1% ACE | <0.5% ACE | \$31,462,000 | 0 | No | N/A | 0.848 | No | 0 | 8.37 | Yes | Meets TWDB criteria and RFPG Goals |
| 103000055 | 0.40 | 10.00 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0.00 | Unknown | Unknown | 2% ACE | 1% ACE | 0 | No | N/A | 0.713 | No | 0 | 1.10 | Yes | Meets TWDB criteria and RFPG Goals | | |
| 103000056 | 2.58 | 0.00 | 122 | 86 | 0 | 0 | 618 | 0 | 0 | 86 | 1 | 0.00 | Unknown | Unknown | <50% ACE | 10% ACE | \$838,047 | 0 | No | N/A | 0.168 | No | 0 | 1.00 | Yes | Meets TWDB criteria and RFPG Goals | |
| 103000053 | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | 0 | No | N/A | 0.118 | No | 0 | 0.00 | Yes | Meets TWDB criteria and RFPG Goals | |
| 103000023 | 0.48 | 3.81 | 0 | 11 | 0 | 10 | 10 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | \$95,455 | 0 | No | N/A | 0.182 | No | 0 | 1.05 | Yes | Meets TWDB criteria and RFPG Goals |

| | | | | | | | | | | | | | | | | | | Flood Risk | | | | | | | |
|-----------|-------------|-----------------------|---|--|-------------------------------------|----------|--------|------------------------|------------------------|---------------------|---|-----------------|------------|-------------------------|-------------------------|-----------------------------|--|---|---|---|---|---|---|---|---------------------------------------|
| FMP ID | RFPG Number | RFPG Name | FMP Name | Description | Associated Goals (ID) | Counties | HUC12s | Watershed Name | Project Type | Project Area (sqmi) | Flood Risk Type (Riverine, Coastal, Urban, Playa Other) | Sponsor | Sponsor ID | Entities with Oversight | Emergency Need (Yes/No) | Estimated Project Cost (\$) | Potential Funding (Sources and Amount) | Area in 100yr Floodplain (1% annual chance) | Area in 500yr Floodplain (0.2% annual chance) | Estimated number of structures (100yr flood risk) | Residential structures (100yr flood risk) | Estimated Population (100yr flood risk) | Critical facilities (100yr flood risk, #) | Number of low water crossings at flood risk (#) | Estimated number of road closures (#) |
| 103000052 | 10 | Lower Colorado-Lavaca | Jonestown Flood Warning System | Floodplain early warning system and local response plan | 10000004 | Travis | - | Austin-Travis Lakes | Preparedness | 7.55 | Riverine | Jonestown | 10003455 | Multiple | No | \$54,000 | Yes, Unknown | 1.99 | 0.16 | 321 | 255 | 562 | 0 | 2 | 0 |
| 103000006 | 10 | Lower Colorado-Lavaca | FM 685 Crossing Improvements | Integrated with E. Pflugerville Prkwy improvement, 100 FT wide channel bench 1,700 LF, four 50 FT span bridge, 810 LF raised roadway | 10000025, 10000027 | Travis | - | Lower Colorado-Cummins | Channel | 4.47 | Riverine | Pflugerville | 00003458 | Multiple | No | \$7,660,000 | Yes, Unknown | 0.40 | 0.13 | 13 | 10 | 47 | 0 | 0 | 0 |
| 103000007 | 10 | Lower Colorado-Lavaca | E. Pflugerville Parkway Crossing Improvements | Integrated with FM685 improvement, 100 FT wide channel bench 1,700 LF, four 50 FT span bridge, remove concrete drop structure | 10000025, 10000027 | Travis | - | Lower Colorado-Cummins | Channel | 4.47 | Riverine | Pflugerville | 00003458 | Multiple | No | \$2,860,000 | Yes, Unknown | 0.40 | 0.13 | 13 | 10 | 47 | 0 | 0 | 0 |
| 103000068 | 10 | Lower Colorado-Lavaca | Immanuel Road/Pecan Park at Upper Gilleland Creek (DMP GC-05) | Channel improvements and embankment construction | 10000025,10000026,10000027,10000028 | Travis | - | Wilbarger Creek | Flood Walls and Levees | 0.10 | Riverine | Pflugerville | 00003458 | Multiple | No | \$4,863,000 | Yes, Unknown | 0.05 | 0.00 | 20 | 20 | 185 | 0 | 0 | 0 |
| 103000008 | 10 | Lower Colorado-Lavaca | Highland Park Subdivision Culvert Improvements | Add two 8x4 RCBS; grading US overbank; 1.5 FT tall 150 FT long berm to prevent water flowing onto Crater of the Moon Blvd | 10000025, 10000027 | Travis | - | Lower Colorado-Cummins | LWC upgrade | 0.73 | Riverine | Travis County | 00000034 | Multiple | No | \$533,000 | Yes, Unknown | 0.02 | 0.01 | 3 | 3 | 9 | 0 | 0 | 0 |
| 103000009 | 10 | Lower Colorado-Lavaca | Cele Road Crossing Improvements | Four 50 FT span bridge, 1160 LF raised road | 10000025, 10000027 | Travis | - | Lower Colorado-Cummins | LWC upgrade | 4.32 | Riverine | Travis County | 00000034 | Multiple | No | \$3,970,000 | Yes, Unknown | 0.45 | 0.10 | 8 | 5 | 13 | 0 | 0 | 0 |
| 103000011 | 10 | Lower Colorado-Lavaca | Cameron Road Crossing Improvements | Six 50 FT span bridge, 1520 LF raised road, channel grading and widening | 10000025, 10000027 | Travis | - | Lower Colorado-Cummins | LWC upgrade | 23.83 | Riverine | Travis County | 00000034 | Multiple | No | \$2,860,000 | Yes, Unknown | 3.19 | 1.04 | 130 | 54 | 207 | 0 | 2 | 0 |
| 103000025 | 10 | Lower Colorado-Lavaca | Onion Creek Structure Elevation | Elevation of 15 residential properties in the 1% ACE floodplain at Arroyo Doble and Onion Creek Meadows neighborhoods | 10000021 | Travis | - | Austin-Travis Lakes | Property Elevation | 0.02 | Riverine | Travis County | 00000034 | Multiple | No | \$2,800,000 | Yes, Unknown | 0.02 | 0.00 | 19 | 19 | 28 | 0 | 0 | 0 |
| 103000026 | 10 | Lower Colorado-Lavaca | Bluff Springs Elevation | Elevation of 39 residential properties in the 1% ACE floodplain | 10000021 | Travis | - | Austin-Travis Lakes | Property Elevation | 0.15 | Riverine | Travis County | 00000034 | Multiple | No | \$6,980,000 | Yes, Unknown | 0.15 | 0.00 | 94 | 73 | 109 | 0 | 0 | 0 |
| 103000027 | 10 | Lower Colorado-Lavaca | Onion Creek Meadows Elevation | Elevation of 6 residential properties in the 1% ACE floodplain | 10000021 | Travis | - | Austin-Travis Lakes | Property Elevation | 0.01 | Riverine, Urban/ Local | Travis County | 00000034 | Multiple | No | \$894,000 | Yes, Unknown | 0.00 | 0.00 | 6 | 0 | 0 | 0 | 0 | 0 |
| 103000040 | 10 | Lower Colorado-Lavaca | Red Bud Trail - Flood Warning System | Install automatic warning system for Ullrich Water Treatment Plant | 10000004 | Travis | - | Austin-Travis Lakes | Preparedness | 0.06 | Riverine | West Lake Hills | 10003460 | Multiple | No | \$28,000 | Yes, Unknown | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 103000070 | 10 | Lower Colorado-Lavaca | Peach Creek Channel Improvements | Channel Benching along lower Peach Creek for approximately 22,900 liner feet. Easement Acquisition, and channel stabilization measures | 10000025, 10000027 | Wharton | - | Wilbarger Creek | Channel | 13.12 | Riverine | Wharton County | 10000004 | Multiple | No | \$2,100,000 | Yes, Unknown | 12.11 | 0.18 | 98 | 98 | 245 | 0 | 0 | 0 |

| FMP ID | Estimated length of roads at flood risk (Miles) | Estimated active farm & ranch land at flood risk (acres) | Reduction in Flood Risk | | | | | | | | | | | | Pre-Project Level of Service | Post-Project Level of Service | Cost/ Structure removed | Percent Nature-based Solution (by cost) | Negative Impact (Yes/No) | Negative Impact Mitigation (Yes/No) | Social Vulnerability Index (svi) | Water Supply Benefit (Yes/No) | Traffic Count for Low Water Crossings | Benefit-Cost Ratio | RFPG Recommendation (Yes/No) | Reason for Recommendation |
|-----------|---|--|---|---|---|---|---|--|--|---|---|--|--|--|------------------------------|-------------------------------|-------------------------|---|--------------------------|-------------------------------------|----------------------------------|-------------------------------|---------------------------------------|--------------------|------------------------------|------------------------------------|
| | | | Number of structures with reduced 100yr Flood risk (1% annual chance) | Number of structures removed from 100yr Flood risk (1% annual chance) | Number of structures removed from 500yr Flood risk (0.2% annual chance) | Residential structures removed from 100yr Flood risk (1% annual chance) | Estimated Population removed from 100yr Flood risk (1% annual chance) | Critical facilities removed from 100yr (1% annual chance) Flood risk (#) | Number of low water crossings removed from 100yr (1% annual chance) Flood risk (#) | Estimated reduction in road closure occurrences | Estimated length of roads removed from 100yr flood risk (Miles) | Estimated active farm & ranch land removed from 100yr flood risk (acres) | Estimated reduction in fatalities (if available) | Estimated reduction in injuries (if available) | | | | | | | | | | | | |
| 103000052 | 2.48 | 422.69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | 0 | No | N/A | 0.206 | No | 0 | 0.00 | Yes | Meets TWDB criteria and RFPG Goals |
| 103000006 | 1.02 | 178.10 | 0 | 5 | 0 | 0 | 37 | 0 | 1 | Unknown | 1 | 0.00 | Unknown | Unknown | 50% ACE | 1% ACE | \$1,532,000 | 0 | No | N/A | 0.193 | No | 0 | 0.10 | Yes | Meets TWDB criteria and RFPG Goals |
| 103000007 | 1.02 | 178.10 | 0 | 5 | 0 | 0 | 37 | 0 | 1 | Unknown | 1 | 0.00 | Unknown | Unknown | 10% ACE | 1% ACE | \$572,000 | 0 | No | N/A | 0.193 | No | 0 | 0.17 | Yes | Meets TWDB criteria and RFPG Goals |
| 103000068 | 0.62 | 13.49 | 20 | 20 | 0 | 20 | 185 | 0 | 0 | Unknown | 1 | 4.97 | Unknown | Unknown | >20% ACE | 10% ACE | \$243,150 | 46 | No | N/A | 0.348 | No | 7026 | 1.50 | Yes | Meets TWDB criteria and RFPG Goals |
| 103000008 | 0.00 | 8.62 | 0 | 3 | 3 | 3 | 0 | 0 | 1 | Unknown | 0 | 0.00 | Unknown | Unknown | >2% ACE | 1% ACE | \$177,667 | 0 | No | N/A | 0.214 | No | 0 | 0.30 | Yes | Meets TWDB criteria and RFPG Goals |
| 103000009 | 0.79 | 195.96 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | Unknown | 1 | 0.00 | Unknown | Unknown | >50% ACE | 1% ACE | | 0 | No | N/A | 0.024 | No | 0 | 0.02 | Yes | Meets TWDB criteria and RFPG Goals |
| 103000011 | 4.37 | 1388.77 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | Unknown | 1 | 0.00 | Unknown | Unknown | >50% ACE | 1% ACE | | 0 | No | N/A | 0.131 | No | 0 | 0.07 | Yes | Meets TWDB criteria and RFPG Goals |
| 103000025 | 0.11 | 7.79 | 0 | 15 | 0 | 15 | 28 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | \$186,667 | 0 | No | N/A | 0.344 | No | 0 | 1.00 | Yes | Meets TWDB criteria and RFPG Goals |
| 103000026 | 0.59 | 31.87 | 0 | 39 | 0 | 39 | 109 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | \$178,974 | 0 | No | N/A | 0.531 | No | 0 | 1.03 | Yes | Meets TWDB criteria and RFPG Goals |
| 103000027 | 0.00 | 0.00 | 0 | 6 | 0 | 6 | 13 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | \$149,000 | 0 | No | N/A | 0.344 | No | 0 | 1.51 | Yes | Meets TWDB criteria and RFPG Goals |
| 103000040 | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | N/A | N/A | | 0 | No | N/A | 0.274 | No | 0 | 0.00 | Yes | Meets TWDB criteria and RFPG Goals |
| 103000070 | 11.50 | 2560.00 | 54 | 79 | 0 | 79 | 197 | 0 | 0 | Unknown | 8 | 2179.00 | Unknown | Unknown | Unknown | Unknown | \$26,582 | 0 | No | N/A | 0.854 | No | 0 | 2.20 | Yes | Meets TWDB criteria and RFPG Goals |

| FMP ID | Estimated active farm & ranch land at flood risk (acres) | Reduction in Flood Risk | | | | | | | | | | | | Pre-Project Level of Service | Post-Project Level of Service | Cost/ Structure removed | Percent Nature-based Solution (by cost) | Negative Impact (Yes/No) | Negative Impact Mitigation (Yes/No) | Social Vulnerability Index (svi) | Water Supply Benefit (Yes/No) | Traffic Count for Low Water Crossings | Benefit-Cost Ratio | RFPG Recommendation (Yes/No) | Reason for Recommendation |
|-----------|--|---|---|---|---|---|--|--|---|---|--|--|--|------------------------------|-------------------------------|-------------------------|---|--------------------------|-------------------------------------|----------------------------------|-------------------------------|---------------------------------------|--------------------|------------------------------|------------------------------------|
| | | Number of structures with reduced 100yr Flood risk (1% annual chance) | Number of structures removed from 100yr Flood risk (1% annual chance) | Number of structures removed from 500yr Flood risk (0.2% annual chance) | Residential structures removed from 100yr Flood risk (1% annual chance) | Estimated Population removed from 100yr Flood risk (1% annual chance) | Critical facilities removed from 100yr (1% annual chance) Flood risk (#) | Number of low water crossings removed from 100yr (1% annual chance) Flood risk (#) | Estimated reduction in road closure occurrences | Estimated length of roads removed from 100yr flood risk (Miles) | Estimated active farm & ranch land removed from 100yr flood risk (acres) | Estimated reduction in fatalities (if available) | Estimated reduction in injuries (if available) | | | | | | | | | | | | |
| 103000056 | 0.00 | 122 | 86 | 0 | 0 | 618 | 0 | 0 | Unknown | 1.1 | 0.00 | Unknown | Unknown | <50% ACE | 10% ACE | 838048 | - | No | N/A | 0.17 | No | 0 | 1 | Yes | Meets TWDB criteria and RFPG Goals |
| 103000057 | 7.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 1.13 | Unknown | Unknown | >4% | 0.01 | 0 | - | No | N/A | 0.40 | No | 815 | 0.03 | Yes | Meets TWDB criteria and RFPG Goals |
| 103000059 | 0.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | >10% | 0.04 | 0 | - | No | N/A | 0.60 | No | 24882 | 0.2 | Yes | Meets TWDB criteria and RFPG Goals |
| 103000060 | 20.22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 4.85 | Unknown | Unknown | >20% | 0.01 | 0 | 39 | No | N/A | 0.31 | No | 2265 | 0.5 | Yes | Meets TWDB criteria and RFPG Goals |
| 103000061 | 219.04 | 29 | 24 | 0 | 23 | 56 | 1 | 0 | Unknown | 1 | 80.14 | Unknown | Unknown | >50% | 0.01 | 999647.94 | 29 | No | N/A | 0.56 | No | 21028 | 0.6 | Yes | Meets TWDB criteria and RFPG Goals |
| 103000062 | 0.00 | 7 | 9 | 0 | 8 | 24 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | Unknown | Unknown | 1628222.3 | - | No | N/A | 0.61 | No | 0 | 0 | Yes | Meets TWDB criteria and RFPG Goals |
| 103000063 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | Unknown | 0 | 0.00 | Unknown | Unknown | Unknown | 2 year | 0 | - | No | N/A | 0.61 | No | 0 | 0.1 | Yes | Meets TWDB criteria and RFPG Goals |
| 103000064 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | Unknown | 100 year | 0 | - | No | N/A | 0.61 | No | 0 | 0.5 | Yes | Meets TWDB criteria and RFPG Goals |
| 103000065 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unknown | 0 | 0.00 | Unknown | Unknown | >2 YR | 10 YR | 0 | - | No | N/A | 0.44 | No | 0 | 0.3 | Yes | Meets TWDB criteria and RFPG Goals |
| 103000066 | 2.51 | 15 | 4 | 0 | 2 | 26 | 0 | 1 | 1 | 0 | 0.01 | Unknown | Unknown | 2 YR | 100 YR | 1308750 | 10 | No | N/A | 0.69 | No | 0 | 0.7 | Yes | Meets TWDB criteria and RFPG Goals |
| 103000067 | 109.04 | 11 | 38 | 0 | 1 | 91 | 0 | 1 | 2 | 0 | 5.26 | Unknown | Unknown | 2 YR | 100 YR | 736842.13 | - | No | N/A | 0.69 | No | 0 | 1.3 | Yes | Meets TWDB criteria and RFPG Goals |
| 103000068 | 13.49 | 20 | 20 | 0 | 20 | 185 | 0 | 0 | Unknown | 1 | 4.97 | Unknown | Unknown | >20% | 0.1 | 243155 | 46 | No | N/A | 0.35 | No | 7026 | 1.5 | Yes | Meets TWDB criteria and RFPG Goals |
| 103000070 | 2560.00 | 54 | 79 | 0 | 79 | 197 | 0 | 0 | Unknown | 8 | 2179.00 | Unknown | Unknown | Unknown | Unknown | 0 | - | No | N/A | 0.85 | No | 0 | 2.2 | Yes | Meets TWDB criteria and RFPG Goals |

Lower Colorado-Lavaca Region Flood Management Strategies Recommended by RFPG

| FMS ID | RFPG Number | RFPG Name | FMS Name | Description | Associated Goals (ID) | Counties | HUC8s | HUC12s | Watershed Name | Project Type | Strategy Project Area (sqmi) | Flood Risk Type (Riverine, Coastal, Urban, Playa Other) | Sponsor | Entities with Oversight | Emergency Need (Yes/No) | Nonrecurring, Noncapital Cost (\$) | Estimated Total Strategy Cost (\$) | Potential Funding (Sources and Amount) | Flood Risk | | | | | | |
|-----------|-------------|-----------------------|---|--|--|----------|-------|--------|----------------|---|------------------------------|---|----------------------------|-------------------------|-------------------------|------------------------------------|------------------------------------|--|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Area in 100yr Floodplain (1% annual chance) | Area in 500yr Floodplain (0.2% annual chance) | Estimated number of structures (100yr flood risk) | Residential structures (100yr flood risk) | Estimated Population (100yr flood risk) | Critical facilities (100yr flood risk, #) | Number of low water crossings at flood risk (#) |
| 102000001 | 10 | Lower Colorado-Lavaca | Floodplain Management and Regulation | Education, outreach and direct technical assistance to cities and counties throughout Region 10, with a particular focus on providing targeted assistance cities that are eligible but not currently participating in the NFIP. | 10000012, 10000014, 10000016, 10000018 | All | All | - | All | Education and Outreach | 24288.76 | Riverine, Coastal, Urban | Lower Colorado-Lavaca RFPG | Multiple | No | - | - | Yes, Unknown | 4526.362793 | 725.553894 | 67825 | 45799 | 149869 | 94 | 1132 |
| 102000002 | 10 | Lower Colorado-Lavaca | Flood Awareness and Preparation Education and Outreach | Activities not limited to implementing/improving flood education and awareness programs for residents, elected officials, and real estate agents/developers; and flood insurance campaigns to reduce flood risk and increase NFIP participation. | 10000002 | All | All | - | All | Education and Outreach | 24288.76 | Riverine, Coastal, Urban | Lower Colorado-Lavaca RFPG | Multiple | No | - | - | Yes, Unknown | 4526.362793 | 725.553894 | 67825 | 45799 | 149869 | 94 | 1132 |
| 102000003 | 10 | Lower Colorado-Lavaca | Low Water Crossing Assessment, Prioritization, and Mitigation | Similar to the recommended regional strategy to conduct outreach and provide technical assistance to those with floodplain management and regulation, this strategy is to provide technical assistance with the assessment of flood risk at LWCs. | 10000027 | All | All | - | All | Infrastructure Projects | 24288.76 | Riverine, Coastal, Urban | Lower Colorado-Lavaca RFPG | Multiple | No | - | - | Yes, Unknown | 4526.362793 | 725.553894 | 67825 | 45799 | 149869 | 94 | 1132 |
| 102000004 | 10 | Lower Colorado-Lavaca | Stream Corridor Protection and Restoration | The essence of this strategy is open space acquisition, either through fee simple purchases of property within sensitive stream corridors or through voluntary agreements between governmental and/or non-governmental organizations and private landowners. | 10000023 | All | All | - | All | Property Acquisition and Structural Elevation | 24288.76 | Riverine, Coastal, Urban | Lower Colorado-Lavaca RFPG | Multiple | No | - | - | Yes, Unknown | 4526.362793 | 725.553894 | 67825 | 45799 | 149869 | 94 | 1132 |
| 102000005 | 10 | Lower Colorado-Lavaca | Watershed Modeling and Floodplain Mapping | Watershed Modeling and Floodplain Mapping | 10000012, 10000014, 10000016, 10000018 | All | All | - | All | Flood Measurement and Warning | 24288.76 | Riverine, Coastal, Urban | Lower Colorado-Lavaca RFPG | Multiple | No | - | - | Yes, Unknown | 4526.362793 | 725.553894 | 67825 | 45799 | 149869 | 94 | 1132 |

| FMS ID | Estimated number of road closures (#) | Estimated length of roads at flood risk (Miles) | Estimated active farm & ranch land at flood risk (acres) | Reduction in Flood Risk | | | | | | | | | | | | Cost/ Structure removed | Consideration of Nature-based Solution (Yes/No) | Negative Impact (Yes/No) | Negative Impact Mitigation (Yes/No) | Water Supply Benefit (Yes/No) | RFGP Recommendation (Yes/No) | Reason for Recommendation |
|-----------|---------------------------------------|---|--|---|---|---|---|---|--|--|---|---|--|--|--|-------------------------|---|--------------------------|-------------------------------------|-------------------------------|------------------------------|------------------------------------|
| | | | | Number of structures with reduced 100yr Flood risk (1% annual chance) | Number of structures removed from 100yr Flood risk (1% annual chance) | Number of structures removed from 500yr Flood risk (0.2% annual chance) | Residential structures removed from 100yr Flood risk (1% annual chance) | Estimated Population removed from 100yr Flood risk (1% annual chance) | Critical facilities removed from 100yr (1% annual chance) Flood risk (#) | Number of low water crossings removed from 100yr (1% annual chance) Flood risk (#) | Estimated reduction in road closure occurrences | Estimated length of roads removed from 100yr flood risk (Miles) | Estimated active farm & ranch land removed from 100yr flood risk (acres) | Estimated reduction in fatalities (if available) | Estimated reduction in injuries (if available) | | | | | | | |
| 102000001 | 0 | 2374 | 2268491.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | No | N/A | No | Yes | Meets TWDB criteria and RFGP Goals |
| 102000002 | 0 | 2374 | 2268491.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | No | N/A | No | Yes | Meets TWDB criteria and RFGP Goals |
| 102000003 | 0 | 2374 | 2268491.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | No | N/A | No | Yes | Meets TWDB criteria and RFGP Goals |
| 102000004 | 0 | 2374 | 2268491.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | No | N/A | No | Yes | Meets TWDB criteria and RFGP Goals |
| 102000005 | 0 | 2374 | 2268491.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | No | N/A | No | Yes | Meets TWDB criteria and RFGP Goals |

Lower Colorado-Lavaca Region FMS, FMP, FME Funding Survey

| RFPG Number | Sponsor | FMS or FMP or FME | FMS FMP FME - Name | Regional Plan's Unique FMS/FMP/FME Identification Number | Target Year of Full Implementation | Estimated Costs in Plan | | | Sponsor Funding | | | TOTAL |
|-------------|----------------|-------------------|---|--|------------------------------------|-------------------------|----------------------------|----------------------|--|--|--|-------|
| | | | | | | Non-construction Costs | Construction Related Costs | Total Estimated Cost | Anticipated Source of Sponsor Funding (e.g., taxes, general revenue, dedicated revenue incl. fees) | Funding to be Financed by Sponsor (Including local, county, or regional mechanisms available but not yet fully utilized) | Other Funding Needed (Including state, federal and/or other funding) | |
| 10 | Austin | FME | Citywide Storm Drain Infrastructure Modeling | 101000158 | TBD | \$12,600,000 | \$0 | \$12,600,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Austin | FME | Highland Hills Crossing Improvements Project Planning | 101000203 | TBD | \$150,000 | \$0 | \$150,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Austin | FME | Shoal Creek - Nueces St Flood Risk Reduction Project Project Planning | 101000204 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Austin | FMP | South Austin Regional WWTP / Sand Hill Energy Center Flood Reduction | 103000031 | TBD | \$0 | | \$115,000,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Austin | FMP | Walnut Creek Wastewater Treatment Plant Flood Wall | 103000032 | TBD | \$0 | | \$31,462,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Austin | FMP | Dalton Lane Low Water Crossing Improvements | 103000055 | | \$0 | | \$19,138,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Austin | FMP | Waller Creek - Guadalupe St Flood Risk Reduction Project | 103000056 | | \$0 | | \$72,072,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Bastrop | FME | Hill, Pecan, & Pine Street Drainage Improvements (DMP GB-04) | 101000215 | | \$600,000 | \$0 | \$600,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Bastrop | FME | Local Storm Drain Improvements Near Piney Creek (DMP PC-04) | 101000216 | | \$360,000 | \$0 | \$360,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Bastrop | FME | Pecan Street Bypass & Pond Diversion (DMP PC-05) | 101000217 | | \$1,700,000 | \$0 | \$1,700,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Bastrop | FME | Pecan, Beech, & Haysel Improvements to Gills Branch (DMP GB-05) | 101000218 | | \$1,400,000 | \$0 | \$1,400,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Bastrop | FME | Bastrop CCTV Storm Drain Evaluation (DMP COB-02) | 101000219 | | \$350,000 | \$0 | \$350,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Bastrop | FME | Water, Spring, & Cedar Street Drainage Improvements (DMP GB-03) | 101000220 | | \$1,800,000 | \$0 | \$1,800,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Bastrop | FME | Riverwood Drive Improvements at Piney Creek (DMP PC-02) | 101000246 | | \$160,000 | \$0 | \$160,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Bastrop | FMP | Gills Branch Flood Mitigation Improvements | 103000005 | TBD | \$0 | | \$6,240,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Bastrop | FMP | Detention Pond at Hunters Crossing (DMP SB-01) | 103000057 | | \$0 | | \$708,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Bastrop | FMP | SH-95 Improvements at Gills Branch (DMP GB-01) | 103000059 | | \$0 | | \$688,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Bastrop County | FME | Shiloh Road Bridge West of State HWY 304 | 101000002 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Bastrop County | FME | Willie May Way in Precinct 4 at Trib | 101000003 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Bastrop County | FME | Gotier Trace Low Water Crossing | 101000004 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Bastrop County | FME | Lakeview Drive & Tuck Street | 101000005 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Bastrop County | FME | Green Valley Drive in Precinct 1 | 101000006 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Bastrop County | FME | Old McDade Rd in Precinct 4 near Norwood Rd | 101000007 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Bastrop County | FME | Clear Springs Lake Dam | 101000008 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Bastrop County | FME | Pecan Shores Subdivision | 101000009 | TBD | \$150,000 | \$0 | \$150,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Bastrop County | FME | Hidden Shores Subdivision | 101000010 | TBD | \$150,000 | \$0 | \$150,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Bastrop County | FME | Waters Edge Terrace Subdivision | 101000011 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Bastrop County | FME | Old Sayers Rd & Little Sandy Creek | 101000012 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Bastrop County | FME | Paffen Rd & Grassy Creek Draw | 101000013 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Bastrop County | FME | Meduna Rd & Barton Oaks Draw 1 | 101000014 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Bastrop County | FME | Pine Canyon Dr & Wet Weather Creek | 101000015 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Bastrop County | FME | Hall Rd & Young's Branch | 101000016 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Bastrop County | FME | Friendship Rd & Turner Creek A and B | 101000017 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Bastrop County | FME | Patterson Rd & Barton's Creek | 101000018 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Bastrop County | FME | Upper Elgin River Rd & Cotton Creek | 101000019 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Bastrop County | FME | Old Sayers Rd & Big Sandy Creek | 101000020 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Bastrop County | FME | Caldwell Rd & Wet Weather Creek | 101000021 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Bastrop County | FME | FM 812 at Alum Creek South | 101000028 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Bastrop County | FME | Drainage System Improvements - JC Madison Addition | 101000103 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Bastrop County | FME | Alum Creek - Tributary 8, Bowie Drive | 101000125 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Bastrop County | FMP | Alum Creek - Cardinal Drive Improvements | 103000001 | TBD | \$0 | | \$545,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Bastrop County | FMP | Alum Creek - Cardinal Drive Improvements (Tributary 11) | 103000002 | TBD | \$0 | | \$719,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Bastrop County | FMP | Alum Creek - Cardinal Drive Improvements (Tributary 87) | 103000003 | TBD | \$0 | | \$352,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Bastrop County | FMP | Alum Creek - Ponderosa Loop Improvements | 103000004 | TBD | \$0 | | \$431,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Bastrop County | FMP | FM 812 at Little Alum Creek | 103000060 | | \$0 | | \$8,289,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Bastrop County | FMP | Piney Creek Mitigation | 103000061 | | \$0 | | \$23,992,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Beasley | FMP | Beasley City Fire Department Backup Generator | 103000043 | TBD | \$0 | | \$83,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Blanco County | FME | Update and Maintain Emergency Management Plan | 101000105 | TBD | \$25,000 | \$0 | \$25,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Blanco County | FME | Various Locations - Upgrade Low Water Crossings | 101000106 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |

TABLE 19: FMS, FMP, FME Funding Survey

| RFPG Number | Sponsor | FMS or FMP or FME | FMS FMP FME - Name | Regional Plan's Unique FMS/FMP/FME Identification Number | Target Year of Full Implementation | Estimated Costs in Plan | | | Sponsor Funding | | Other Funding Needed (Including state, federal and/or other funding) | TOTAL |
|-------------|------------------|-------------------|---|--|------------------------------------|-------------------------|----------------------------|----------------------|--|--|--|-------|
| | | | | | | Non-construction Costs | Construction Related Costs | Total Estimated Cost | Anticipated Source of Sponsor Funding (e.g., taxes, general revenue, dedicated revenue incl. fees) | Funding to be Financed by Sponsor (Including local, county, or regional mechanisms available but not yet fully utilized) | | |
| 10 | Briarcliff | FMP | City of Briarcliff WWTP Backup Generator | 103000053 | TBD | \$0 | | \$809,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Brown County | FME | CR257 at Pecan Bayou (Tenmile Crossing) | 101000137 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Brownwood | FME | Magnolia St | 101000029 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Brownwood | FME | Adopt Flood Insurance Rate Maps | 101000111 | TBD | \$250,000 | \$0 | \$250,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Brownwood | FME | Willis Creek Detention | 101000112 | TBD | \$250,000 | \$0 | \$250,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Brownwood | FME | Delaware Creek Flood Study | 101000160 | TBD | \$150,000 | \$0 | \$150,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Buda | FME | City of Buda Garlic Creek Culvert | 101000153 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Burnet | FME | Dam Emergency Action Plan | 101000138 | TBD | \$50,000 | \$0 | \$50,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Burnet | FME | Wastewater Treatment Plant Flood Study | 101000159 | TBD | \$150,000 | \$0 | \$150,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Burnet | FME | VFW Flood Study | 101000161 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Burnet | FMP | City of Burnet Veterans of Foreign Wars Backup Generator | 103000042 | TBD | \$0 | | \$83,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Burnet County | FME | Burnet County Lower Water Crossing Assessment | 101000221 | | \$150,000 | \$0 | \$150,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Burnet County | FME | Burnet County Modeling and Mapping Update | 101000222 | | \$4,000,000 | \$0 | \$4,000,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Caldwell County | FME | Caldwell County Flood Early Warning System | 101000223 | | \$50,000 | \$0 | \$50,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Caldwell County | FME | Lytton Springs Creek Near CR 174 | 101000224 | | \$40,000 | \$0 | \$40,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Caldwell County | FME | CR175 @ Cedar Creek Trib 1 | 101000225 | | \$40,000 | \$0 | \$40,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Caldwell County | FMP | Cedar Creek Channel Improvements Near Christian Drive | 103000062 | | \$0 | | \$14,654,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Caldwell County | FMP | CR 170 Low Water Crossing Improvements @ Lytton Creek | 103000063 | | \$0 | | \$4,877,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Caldwell County | FMP | CR 172 Low Water Crossing Improvements @ Lytton Creek | 103000064 | | \$0 | | \$4,574,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Colorado County | FME | Sandy Oaks Subdivision | 101000118 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Dripping Springs | FME | Repair of Little Barton Creek Dam | 101000059 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Eagle Lake | FMP | Davitt St Water Plant Backup Generator | 103000041 | TBD | \$0 | | \$826,000 | TBD | 10%* | 90%* | 100%* |
| 10 | East Bernard | FME | City of Wharton Citywide Floodplain Map Update | 101000162 | TBD | \$250,000 | \$0 | \$250,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Edna | FME | MLK Blvd to Mexico Street | 101000062 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Edna | FME | Stormwater Diversion Project | 101000063 | TBD | \$200,000 | \$0 | \$200,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Edna | FME | Wastewater Treatment Plant Flooding | 101000127 | TBD | \$200,000 | \$0 | \$200,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Edna | FME | City-wide Drainage Master Plan (integrate with Dry Creek Study) | 101000188 | TBD | \$400,000 | \$0 | \$400,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Edna | FMP | Emergency Management System Backup Generators | 103000044 | TBD | \$0 | | \$89,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Edna | FMP | City of Edna Safe Room Backup Generator | 103000045 | TBD | \$0 | | \$150,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Edna | FMP | City of Edna Sewer Lift Station Backup Generator | 103000046 | TBD | \$0 | | \$89,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Edna | FMP | City of Edna Hospital Backup Generator | 103000050 | TBD | \$0 | | \$500,000 | TBD | 10%* | 90%* | 100%* |
| 10 | El Campo | FME | Tres Palacios, Blue Creek, East Mustang Creek | 101000098 | TBD | \$150,000 | \$0 | \$150,000 | TBD | 10%* | 90%* | 100%* |
| 10 | El Campo | FME | Use Digital Maps of All Hazards and Educate Residents | 101000099 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | El Campo | FME | Pecan Street | 101000100 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | El Campo | FME | Town & Country Drive | 101000101 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | El Campo | FME | City of El Campo Drainage Master Plan Update | 101000210 | TBD | \$750,000 | \$0 | \$750,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Elgin | FME | Taylor Lane Drainage Improvements | 101000155 | TBD | \$100,000 | \$0 | \$100,000 | None | 0% | 100% | 100% |
| 10 | Elgin | FME | Storm Water Detention at Morris Park | 101000156 | TBD | \$150,000 | \$0 | \$150,000 | None | 0% | 100% | 100% |
| 10 | Fayette County | FME | Frisch Auf Buyout | 101000119 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Flatonia | FME | Flood Proof Wastewater Treatment Plants | 101000120 | TBD | \$50,000 | \$0 | \$50,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Fort Bend County | FME | Various Streets - Install Flood Early Warning Systems | 101000121 | TBD | \$150,000 | \$0 | \$150,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Fredericksburg | FME | 800 Block W San Antonio | 101000038 | TBD | \$50,000 | \$0 | \$50,000 | Municipal Drainage Utility Fee Revenue (Revenue Bond) | 20% | 80% | 100% |
| 10 | Fredericksburg | FME | South End of Acorn Street | 101000039 | TBD | \$50,000 | \$0 | \$50,000 | Municipal Drainage Utility Fee Revenue (Revenue Bond) | 20% | 80% | 100% |
| 10 | Fredericksburg | FME | Bowie & Peach Street | 101000042 | TBD | \$100,000 | \$0 | \$100,000 | Municipal Drainage Utility Fee Revenue (Revenue Bond) | 20% | 80% | 100% |
| 10 | Fredericksburg | FME | Barons Creek Watershed - Southwest City | 101000043 | TBD | \$150,000 | \$0 | \$150,000 | Municipal Drainage Utility Fee Revenue (Revenue Bond) | 20% | 80% | 100% |
| 10 | Fredericksburg | FME | 112 W Park | 101000044 | TBD | \$50,000 | \$0 | \$50,000 | Municipal Drainage Utility Fee Revenue (Revenue Bond) | 20% | 80% | 100% |

TABLE 19: FMS, FMP, FME Funding Survey

| RFPG Number | Sponsor | FMS or FMP or FME | FMS FMP FME - Name | Regional Plan's Unique FMS/FMP/FME Identification Number | Target Year of Full Implementation | Estimated Costs in Plan | | | Sponsor Funding | | Other Funding Needed (Including state, federal and/or other funding) | TOTAL |
|-------------|------------------|-------------------|--|--|------------------------------------|-------------------------|----------------------------|----------------------|--|--|--|-------|
| | | | | | | Non-construction Costs | Construction Related Costs | Total Estimated Cost | Anticipated Source of Sponsor Funding (e.g., taxes, general revenue, dedicated revenue incl. fees) | Funding to be Financed by Sponsor (Including local, county, or regional mechanisms available but not yet fully utilized) | | |
| 10 | Fredericksburg | FME | Trailmoor near Llano Hwy | 101000048 | TBD | \$250,000 | \$0 | \$250,000 | Municipal Drainage Utility Fee Revenue (Revenue Bond) | 20% | 80% | 100% |
| 10 | Fredericksburg | FME | Drainage Channel near EMS Building | 101000050 | TBD | \$50,000 | \$0 | \$50,000 | Municipal Drainage Utility Fee Revenue (Revenue Bond) | 20% | 80% | 100% |
| 10 | Fredericksburg | FME | Bob White Trail | 101000051 | TBD | \$50,000 | \$0 | \$50,000 | Municipal Drainage Utility Fee Revenue (Revenue Bond) | 20% | 80% | 100% |
| 10 | Fredericksburg | FME | N Edison Low Water Crossing | 101000053 | TBD | \$15,000 | \$0 | \$15,000 | Municipal Drainage Utility Fee Revenue (Revenue Bond) | 20% | 80% | 100% |
| 10 | Fredericksburg | FME | Schubert Low Water Crossing | 101000054 | TBD | \$50,000 | \$0 | \$50,000 | Municipal Drainage Utility Fee Revenue (Revenue Bond) | 20% | 80% | 100% |
| 10 | Fredericksburg | FME | 200 Block N Orange | 101000055 | TBD | \$50,000 | \$0 | \$50,000 | Municipal Drainage Utility Fee Revenue (Revenue Bond) | 20% | 80% | 100% |
| 10 | Fredericksburg | FME | Crockett Street South of Travis | 101000056 | TBD | \$100,000 | \$0 | \$100,000 | Municipal Drainage Utility Fee Revenue (Revenue Bond) | 20% | 80% | 100% |
| 10 | Fredericksburg | FME | Cross Mountain West | 101000057 | TBD | \$100,000 | \$0 | \$100,000 | Municipal Drainage Utility Fee Revenue (Revenue Bond) | 20% | 80% | 100% |
| 10 | Fredericksburg | FME | N Milam at West Travis | 101000058 | TBD | \$150,000 | \$0 | \$150,000 | Municipal Drainage Utility Fee Revenue (Revenue Bond) | 20% | 80% | 100% |
| 10 | Fredericksburg | FME | Carriage Hills | 101000122 | TBD | \$100,000 | \$0 | \$100,000 | Municipal Drainage Utility Fee Revenue (Revenue Bond) | 20% | 80% | 100% |
| 10 | Fredericksburg | FME | Post Oak Subdivision | 101000123 | TBD | \$150,000 | \$0 | \$150,000 | Municipal Drainage Utility Fee Revenue (Revenue Bond) | 20% | 80% | 100% |
| 10 | Fredericksburg | FME | Highway St Improvements Project Planning | 101000207 | TBD | \$600,000 | \$0 | \$600,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Fredericksburg | FMP | S Bowie Low Water Crossing - Flood Warning System | 103000033 | TBD | \$0 | | \$28,000 | Municipal Drainage Utility Fee Revenue (Revenue Bond) | 20% | 80% | 100% |
| 10 | Fredericksburg | FMP | Lady Bird Golf Course Low Water Crossing - Flood Warning System | 103000037 | TBD | \$0 | | \$28,000 | Municipal Drainage Utility Fee Revenue (Revenue Bond) | 20% | 80% | 100% |
| 10 | Fredericksburg | FMP | W Travis Low Water Crossing - Flood Warning System | 103000038 | TBD | \$0 | | \$28,000 | Municipal Drainage Utility Fee Revenue (Revenue Bond) | 20% | 80% | 100% |
| 10 | Fredericksburg | FMP | Windmill Oaks Subdivision - Flood Warning System | 103000039 | TBD | \$0 | | \$28,000 | Municipal Drainage Utility Fee Revenue (Revenue Bond) | 20% | 80% | 100% |
| 10 | Fredericksburg | FMP | Creek Street at Barons Creek | 103000065 | | \$0 | | \$2,027,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Ganado | FME | Land Purchase for New EMS/Fire/Police Building | 101000064 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Ganado | FME | City Hall Hardening and Safe Room | 101000128 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Ganado | FME | Devers Creek Regional Detention and Channel Improvements | 101000190 | TBD | \$250,000 | \$0 | \$250,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Ganado | FME | City-wide Drainage Master Plan | 101000192 | TBD | \$400,000 | \$0 | \$400,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Ganado | FMP | City of Ganado Sewer Lift Station Backup Generator | 103000047 | TBD | \$0 | | \$89,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Giddings | FME | South Polk Street Study | 101000183 | TBD | \$150,000 | \$0 | \$150,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Gillespie County | FME | Countywide Floodplain Map Update | 101000177 | TBD | \$250,000 | \$0 | \$250,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Gillespie County | FME | Low Water Crossings at 4 locations | 101000178 | TBD | \$200,000 | \$0 | \$200,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Hays | FME | City of Hays Drainage Master Plan Update | 101000226 | | \$200,000 | \$0 | \$200,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Hays County | FME | Hays County Buyout Project Planning | 101000201 | TBD | \$500,000 | \$0 | \$500,000 | TBD | 25% | 75% | 100% |
| 10 | Jackson County | FME | Jackson County Hospital District | 101000065 | TBD | \$150,000 | \$0 | \$150,000 | TBD | 25% | 75% | 100% |
| 10 | Jackson County | FME | County Road 480 | 101000066 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 5% | 95% | 100% |
| 10 | Jackson County | FME | Palmetto Bend Spillway | 101000129 | TBD | \$250,000 | \$0 | \$250,000 | TBD | 25% | 75% | 100% |
| 10 | Jackson County | FME | Navidad River - Stem Branch Erosion Control Structure Project Planning | 101000196 | TBD | \$40,000 | \$0 | \$40,000 | TBD | 25% | 75% | 100% |
| 10 | Jackson County | FME | La Salle Erosion Control Structure Project Planning | 101000197 | TBD | \$40,000 | \$0 | \$40,000 | TBD | 25% | 75% | 100% |
| 10 | Jackson County | FME | Goat Trail Erosion Control Structure Project Planning | 101000198 | TBD | \$225,000 | \$0 | \$225,000 | TBD | 25% | 75% | 100% |
| 10 | Jackson County | FME | County Road 106 Erosion Control Structure Project Planning | 101000199 | TBD | \$75,000 | \$0 | \$75,000 | TBD | 25% | 75% | 100% |
| 10 | Jackson County | FME | Jackson County Phase 2 DMP | 101000209 | TBD | \$4,000,000 | \$0 | \$4,000,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Jackson County | FMP | Jackson County Courthouse Backup Generator | 103000048 | TBD | \$0 | | \$89,000 | TBD | 5% | 95% | 100% |
| 10 | Johnson City | FME | Citywide Drainage Plan | 101000107 | TBD | \$250,000 | \$0 | \$250,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Johnson City | FME | Develop New/Updated Floodplain Maps | 101000108 | TBD | \$250,000 | \$0 | \$250,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Jones Creek | FME | Highway Drainage | 101000136 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Jonestown | FME | Community Evacuation Plan | 101000080 | TBD | \$25,000 | \$0 | \$25,000 | TBD | 10%* | 90%* | 100%* |

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| RFPG Number | Sponsor | FMS or FMP or FME | FMS FMP FME - Name | Regional Plan's Unique FMS/FMP/FME Identification Number | Target Year of Full Implementation | Estimated Costs in Plan | | | Sponsor Funding | | | TOTAL |
|-------------|--|-------------------|---|--|------------------------------------|-------------------------|----------------------------|----------------------|--|--|--|-------|
| | | | | | | Non-construction Costs | Construction Related Costs | Total Estimated Cost | Anticipated Source of Sponsor Funding (e.g., taxes, general revenue, dedicated revenue incl. fees) | Funding to be Financed by Sponsor (Including local, county, or regional mechanisms available but not yet fully utilized) | Other Funding Needed (Including state, federal and/or other funding) | |
| 10 | Jonestown | FME | Jones Brothers Park Flooding | 101000163 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Jonestown | FME | East Reed Park Road Flooding | 101000164 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Jonestown | FME | Lake Travis/Cross Street Area Buyout Project Planning | 101000200 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Jonestown | FMP | Sandy Creek/Pecan Park Areas Buyout | 103000023 | TBD | \$0 | | \$1,050,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Jonestown | FMP | Jonestown Flood Warning System | 103000052 | TBD | \$0 | | \$54,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Junction | FME | Lake Junction Dredging | 101000068 | TBD | \$50,000 | \$0 | \$50,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Junction | FME | Llano River Erosion | 101000069 | TBD | \$200,000 | \$0 | \$200,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Kendall County | FME | Various Streets - Install Flood Early Warning System | 101000179 | TBD | \$15,000 | \$0 | \$15,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Kendleton | FME | Lump Rd, Hilltop Rd, FM 2919 N | 101000034 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Kendleton | FME | Drainage Improvements to Crawford Outlet Right-of-Way | 101000035 | TBD | \$50,000 | \$0 | \$50,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Kerr County | FME | Various Streets - Install Flood Early Warning System | 101000067 | TBD | \$50,000 | \$0 | \$50,000 | TBD | 10%* | 90%* | 100%* |
| 10 | La Ward | FME | City-wide Drainage Master Plan | 101000193 | TBD | \$400,000 | \$0 | \$400,000 | TBD | 10%* | 90%* | 100%* |
| 10 | La Ward | FMP | Portable Electronic Signs | 103000054 | TBD | \$0 | | \$56,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Lago Vista | FME | Citywide Drainage Study | 101000082 | TBD | \$250,000 | \$0 | \$250,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Lago Vista | FME | Community Evacuation Plan | 101000083 | TBD | \$25,000 | \$0 | \$25,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Lee County | FME | Cummins Creek WS SCS Site 1 Dam Flood Management Evaluation | 101000228 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Llano | FME | Llano River Channel Maintenance/Improvements | 101000070 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Llano County | FME | Prepare Evacuation Plan | 101000072 | TBD | \$25,000 | \$0 | \$25,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Llano County | FME | Comanche Rancherías Subdivision | 101000073 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Llano County | FME | Relocate Fire Department Building | 101000130 | TBD | \$250,000 | \$0 | \$250,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Lower Colorado River Authority | FME | Identify and Assess Flood Risk and Potential Mitigation Solutions for Low SVI Communities | 101000194 | TBD | \$150,000 | \$0 | \$150,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Marble Falls | FME | Mission Hills Street | 101000032 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Marble Falls | FME | Ave J Bridge Replacement | 101000166 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Marble Falls | FME | 1431/281 Detention | 101000168 | TBD | \$150,000 | \$0 | \$150,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Marble Falls | FME | Backbone Branch Detention Pond | 101000169 | TBD | \$150,000 | \$0 | \$150,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Marble Falls | FME | Marble Falls Creek Walk | 101000170 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Marble Falls | FME | Citywide Floodplain Remapping | 101000171 | TBD | \$250,000 | \$0 | \$250,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Marble Falls | FME | 2nd Street at Backbone Creek Low Water Crossing | 101000172 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Marble Falls | FME | Ave L at Whitman Creek Low Water Crossing | 101000173 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Marble Falls | FME | Broadway at Backbone Creek Low Water Crossing | 101000174 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Marble Falls | FMP | 8 Low Water Crossings - Flood Warning System | 103000034 | TBD | \$0 | | \$220,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Marble Falls | FMP | Broadway Avenue at Backbone Creek Low Water Crossing | 103000066 | TBD | \$0 | | \$5,235,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Marble Falls | FMP | Whitman Branch Industrial Area - Regional Detention | 103000067 | TBD | \$0 | | \$28,000,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Matagorda County | FME | Tres Palacios River | 101000076 | TBD | \$50,000 | \$0 | \$50,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Matagorda County | FME | Update Flood Insurance Study & Flood Insurance Rate Maps | 101000077 | TBD | \$3,000,000 | \$0 | \$3,000,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Matagorda County Conservation Reclamation District | FME | Colorado River Levee Gate Structure Improvements | 101000243 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Menard | FME | Harris Hollow Neighborhood Flooding | 101000181 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Menard | FMP | Various Streets - Flood Warning System | 103000051 | TBD | \$0 | | \$310,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Menard County | FME | Countywide Floodplain Map Update | 101000180 | TBD | \$250,000 | \$0 | \$250,000 | TBD | 0% | 100% | 100% |
| 10 | Mountain City | FME | Prepare Evacuation Plan | 101000061 | TBD | \$25,000 | \$0 | \$25,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Mountain City | FME | Flood Proofing Repetitive Loss Structures | 101000126 | TBD | \$50,000 | \$0 | \$50,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Needville | FME | Gene and Church Streets | 101000037 | TBD | \$50,000 | \$0 | \$50,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Needville | FME | Needville Wastewater Treatment Plant Floodproofing | 101000229 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Needville | FME | Fairchild Creek Drainage Mitigation Study | 101000230 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Palacios | FME | Construct Emergency Operation Center | 101000074 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Palacios | FME | Airport Drainage Improvements | 101000075 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Palacios | FME | Police Station Relocation and Safe Room | 101000131 | TBD | \$250,000 | \$0 | \$250,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Pflugerville | FMP | FM 685 Crossing Improvements | 103000006 | TBD | \$0 | | \$7,660,000 | TBD | 10%* | 90%* | 100%* |

TABLE 19: FMS, FMP, FME Funding Survey

| RFPG Number | Sponsor | FMS or FMP or FME | FMS FMP FME - Name | Regional Plan's Unique FMS/FMP/FME Identification Number | Target Year of Full Implementation | Estimated Costs in Plan | | | Sponsor Funding | | Other Funding Needed (Including state, federal and/or other funding) | TOTAL |
|-------------|--|-------------------|---|--|------------------------------------|-------------------------|----------------------------|----------------------|--|--|--|-------|
| | | | | | | Non-construction Costs | Construction Related Costs | Total Estimated Cost | Anticipated Source of Sponsor Funding (e.g., taxes, general revenue, dedicated revenue incl. fees) | Funding to be Financed by Sponsor (Including local, county, or regional mechanisms available but not yet fully utilized) | | |
| 10 | Pflugerville | FMP | E. Pflugerville Parkway Crossing Improvements | 103000007 | TBD | \$0 | | \$2,860,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Pflugerville | FME | Caldwell Elementary Improvements at Upper Gilleland Creek (DMP GC-01) | 101000231 | | \$680,000 | \$0 | \$680,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Pflugerville | FME | Pflugerville Storm Drain CCTV Evaluation (DMP Pf-03) | 101000232 | | \$250,000 | \$0 | \$250,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Pflugerville | FME | Hidden Lake Drive Improvements at Wilbarger Creek Tributary 200 (DMP WC-02) | 101000233 | | \$280,000 | \$0 | \$280,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Pflugerville | FME | Kenemer Drive Improvements at Wilbarger Creek Tributary 200 (DMP WC-05) | 101000234 | | \$220,000 | \$0 | \$220,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Pflugerville | FME | North Heatherwilde Improvements at Upper Gilleland Creek (DMP GC-02) | 101000235 | | \$1,200,000 | \$0 | \$1,200,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Pflugerville | FME | Railroad Avenue Improvements at Upper Gilleland Creek (DMP GC-04) | 101000237 | | \$1,200,000 | \$0 | \$1,200,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Pflugerville | FME | Swenson Farms Improvements at Upper Gilleland Creek (DMP GC-03) | 101000238 | | \$370,000 | \$0 | \$370,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Pflugerville | FME | Weiss Lane Improvements at Wilbarger Creek (DMP WC-01) | 101000239 | | \$110,000 | \$0 | \$110,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Pflugerville | FMP | Immanuel Road/Pecan Park at Upper Gilleland Creek (DMP GC-05) | 103000068 | | \$0 | | \$4,863,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Point Venture | FME | Create Emergency Evacuation Plan | 101000085 | TBD | \$25,000 | \$0 | \$25,000 | TBD | 10%* | 90%* | 100%* |
| 10 | San Leanna | FME | Citywide Drainage Study | 101000086 | TBD | \$250,000 | \$0 | \$250,000 | TBD | 10%* | 90%* | 100%* |
| 10 | San Saba County | FME | Hooten Holler in Richland Springs | 101000078 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Smithville | FME | Willow-Gazley Local Drainage Alternative 3 | 101000001 | TBD | \$250,000 | \$0 | \$250,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Smithville | FME | Smithville Recreation Center Expansion | 101000026 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Smithville | FME | Citywide Drainage System Improvements | 101000104 | TBD | \$500,000 | \$0 | \$500,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Sunrise Beach Village | FME | Drainage Ditch Maintenance/Improvements | 101000071 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Sunrise Beach Village | FME | 102 Beach Dr Low Water Crossing | 101000175 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Sunrise Beach Village | FME | 124 Sunrise Drive Low Water Crossing | 101000176 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Sweeny | FME | CR 332 Drainage Improvements | 101000109 | TBD | \$50,000 | \$0 | \$50,000 | Taxes | 10% | 90% | 100% |
| 10 | Sweeny | FME | Various Culverts Along Stevenson Slough | 101000110 | TBD | \$125,000 | \$0 | \$125,000 | Taxes | 10% | 90% | 100% |
| 10 | Travis County | FME | Spicewood Springs Road Low Water Crossing #1 Project Planning | 101000195 | TBD | \$682,500 | \$0 | \$682,500 | TBD | 10%* | 90%* | 100%* |
| 10 | Travis County | FMP | Highland Park Subdivision Culvert Improvements | 103000008 | TBD | \$0 | | \$533,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Travis County | FMP | Cele Road Crossing Improvements | 103000009 | TBD | \$0 | | \$3,970,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Travis County | FMP | Cameron Road Crossing Improvements | 103000011 | TBD | \$0 | | \$2,860,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Travis County | FMP | Onion Creek Structure Elevation | 103000025 | TBD | \$0 | | \$2,800,000 | TBD | 25% | 75% | 100% |
| 10 | Travis County | FMP | Bluff Springs Elevation | 103000026 | TBD | \$0 | | \$6,980,000 | TBD | 25% | 75% | 100% |
| 10 | Travis County | FMP | Onion Creek Meadows Elevation | 103000027 | TBD | \$0 | | \$894,000 | TBD | 25% | 75% | 100% |
| 10 | Victoria | FME | Various Streets - Upgrade Existing Roadway Crossings | 101000090 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Victoria | FME | Harden City Buildings, Critical Infrastructure | 101000091 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Victoria | FME | Citywide Drainage Study | 101000092 | TBD | \$250,000 | \$0 | \$250,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Victoria County | FME | Various Streets - Upgrade Existing Roadway Crossings and Bridges | 101000093 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Victoria County | FME | Identify and Buyout Repetitive Loss Properties | 101000095 | TBD | \$250,000 | \$0 | \$250,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Victoria County | FME | Harden County Buildings, Critical Infrastructure, and Government Buildings | 101000096 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Volente | FME | Review and Update Floodplain Management Plan | 101000088 | TBD | \$25,000 | \$0 | \$25,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Volente | FME | Develop an Emergency Operations and Evacuation Plan | 101000089 | TBD | \$25,000 | \$0 | \$25,000 | TBD | 10%* | 90%* | 100%* |
| 10 | West Brazoria County Drainage District #11 | FME | West Brazoria County Drainage District #11 | 101000214 | TBD | \$990,000 | \$0 | \$990,000 | TBD | 10%* | 90%* | 100%* |
| 10 | West Lake Hills | FME | Bee Creek Drainage Improvements | 101000084 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |
| 10 | West Lake Hills | FMP | Red Bud Trail - Flood Warning System | 103000040 | TBD | \$0 | | \$28,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Wharton | FME | City of Wharton City-wide Flood Warning Systems | 101000184 | TBD | \$250,000 | \$0 | \$250,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Wharton | FME | City of Wharton City-wide Drainage Master Plan | 101000185 | TBD | \$250,000 | \$0 | \$250,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Wharton County | FME | Glen Flora Drainage Master Plan and Levee Project | 101000208 | TBD | \$300,000 | \$0 | \$300,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Wharton County | FME | Jarvis Creek Channel Widening and Regional Detention Project | 101000211 | TBD | \$150,000 | \$0 | \$150,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Wharton County | FME | Louise Internal Drainage Master Plan | 101000212 | TBD | \$400,000 | \$0 | \$400,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Wharton County | FME | Wharton County Drainage Master Plan Update | 101000213 | TBD | \$4,000,000 | \$0 | \$4,000,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Wharton County | FME | Town of Boling Drainage Master Plan | 101000240 | TBD | \$150,000 | \$0 | \$150,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Wharton County | FME | Louise Drainage Master Plan | 101000241 | TBD | \$150,000 | \$0 | \$150,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Wharton County | FME | El Lobo Neighborhood Drainage Improvements | 101000244 | TBD | \$50,000 | \$0 | \$50,000 | TBD | 10%* | 90%* | 100%* |
| 10 | Wharton County | FME | Pecan Valley Phase 2 Preliminary Engineering Report | 101000245 | TBD | \$100,000 | \$0 | \$100,000 | TBD | 10%* | 90%* | 100%* |

| | | | | | | Estimated Costs in Plan | | | Sponsor Funding | | | |
|-------------|----------------|-------------------|----------------------------------|--|------------------------------------|-------------------------|----------------------------|----------------------|--|--|--|-------|
| RFPG Number | Sponsor | FMS or FMP or FME | FMS FMP FME - Name | Regional Plan's Unique FMS/FMP/FME Identification Number | Target Year of Full Implementation | Non-construction Costs | Construction Related Costs | Total Estimated Cost | Anticipated Source of Sponsor Funding (e.g., taxes, general revenue, dedicated revenue incl. fees) | Funding to be Financed by Sponsor (Including local, county, or regional mechanisms available but not yet fully utilized) | Other Funding Needed (Including state, federal and/or other funding) | TOTAL |
| 10 | Wharton County | FMP | Peach Creek Channel Improvements | 103000070 | | \$0 | | \$2,100,000 | TBD | 10%* | 90%* | 100%* |

*Orange text indicates assumed 10% to be financed by local sponsor when there was no sponsor response.

Black text rows indicate a sponsor response.

Lower Colorado-Lavaca Region Flood Mitigation Projects Recommended by RFPG - Sources for Determining No Negative Impact and Models

| RFPG Number | FMP ID | FMP Name | FMP Meets ALL No Negative Impacts Requirements from Exhibit C Section 3.6.A | 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 Type | Date Model Submitted | Study Name and Location | Engineer of Record (optional) | Engineering Judgement Description | Associated FMX IDs |
|-------------|-----------|--|---|---|---|---|---|--------------|---------------|------------------|----------------------|--|-------------------------------|---|---------------------------------|
| 10 | 103000001 | Alum Creek - Cardinal Drive Improvements | Yes | No | EOR provided No Negative Impact Memorandum (November 2022) | Yes | Model | 100000000001 | AC | HEC-RAS v. 5.0.7 | 01/10/23 | Alum Creek Watershed Study Bastrop County, Texas Flood Protection Planning Grant (October 2020) | Half Associates, Inc. | EOR provided No Negative Impact Memorandum (November 2022) | 103000001 |
| 10 | 103000002 | Alum Creek - Cardinal Drive Improvements (Tributary 11) | Yes | No | EOR provided No Negative Impact Memorandum (November 2022) | Yes | Model | 100000000002 | AC_T11 | HEC-RAS v. 5.0.7 | 01/10/23 | Alum Creek Watershed Study Bastrop County, Texas Flood Protection Planning Grant (October 2020) | Half Associates, Inc. | EOR provided No Negative Impact Memorandum (November 2022) | 103000002 |
| 10 | 103000003 | Alum Creek - Cardinal Drive Improvements (Tributary 87) | Yes | No | EOR provided No Negative Impact Memorandum (November 2022) | Yes | Model | 100000000003 | AC_T087 | HEC-RAS v. 5.0.7 | 01/10/23 | Alum Creek Watershed Study Bastrop County, Texas Flood Protection Planning Grant (October 2020) | Half Associates, Inc. | EOR provided No Negative Impact Memorandum (November 2022) | 103000003 |
| 10 | 103000004 | Alum Creek - Ponderosa Loop Improvements | Yes | No | EOR provided No Negative Impact Memorandum (November 2022) | Yes | Model | 100000000004 | AC_T8 | HEC-RAS v. 5.0.7 | 01/10/23 | Alum Creek Watershed Study Bastrop County, Texas Flood Protection Planning Grant (October 2020) | Half Associates, Inc. | EOR provided No Negative Impact Memorandum (November 2022) | 103000004 |
| 10 | 103000005 | Gills Branch Flood Mitigation Improvements | Yes | No | EOR provided No Negative Impact Memorandum (November 2022) | Yes | Model | 100000000005 | GillsBranch2D | HEC-RAS v. 5.0.7 | 01/10/23 | 100% Engineering Design Report Gills Branch - Flood Mitigation Improvements (March 2021) | Half Associates, Inc. | EOR provided No Negative Impact Memorandum (November 2022) | 103000005 |
| 10 | 103000006 | FM 685 Crossing Improvements | Yes | No | EOR provided No Negative Impact Memorandum (November 2022) | Yes | Model | 100000000011 | WC | HEC-RAS v. 5.0.7 | 01/10/23 | Wilbarger Creek Watershed Study Bastrop County, Travis County & City of Pflugerville, Texas Bastrop County Flood Protection Planning Grant (August 2021) | Half Associates, Inc. | EOR provided No Negative Impact Memorandum (November 2022) | 103000006, 103000007, 103000011 |
| 10 | 103000007 | E. Pflugerville Parkway Crossing Improvements | Yes | No | EOR provided No Negative Impact Memorandum (November 2022) | Yes | Model | 100000000011 | WC | HEC-RAS v. 5.0.7 | 01/10/23 | Wilbarger Creek Watershed Study Bastrop County, Travis County & City of Pflugerville, Texas Bastrop County Flood Protection Planning Grant (August 2021) | Half Associates, Inc. | EOR provided No Negative Impact Memorandum (November 2022) | 103000006, 103000007, 103000011 |
| 10 | 103000008 | Highland Park Subdivision Culvert Improvements | Yes | No | EOR provided No Negative Impact Memorandum (November 2022) | Yes | Model | 100000000008 | WC_T185 | HEC-RAS v. 5.0.7 | 01/10/23 | Wilbarger Creek Watershed Study Bastrop County, Travis County & City of Pflugerville, Texas Bastrop County Flood Protection Planning Grant (August 2021) | Half Associates, Inc. | EOR provided No Negative Impact Memorandum (November 2022) | 103000008 |
| 10 | 103000009 | Cele Road Crossing Improvements | Yes | No | EOR provided No Negative Impact Memorandum (November 2022) | Yes | Model | 100000000009 | WC_T210 | HEC-RAS v. 5.0.7 | 01/10/23 | Wilbarger Creek Watershed Study Bastrop County, Travis County & City of Pflugerville, Texas Bastrop County Flood Protection Planning Grant (August 2021) | Half Associates, Inc. | EOR provided No Negative Impact Memorandum (November 2022) | 103000009 |
| 10 | 103000011 | Cameron Road Crossing Improvements | Yes | No | EOR provided No Negative Impact Memorandum (November 2022) | Yes | Model | 100000000011 | WC | HEC-RAS v. 5.0.7 | 01/10/23 | Wilbarger Creek Watershed Study Bastrop County, Travis County & City of Pflugerville, Texas Bastrop County Flood Protection Planning Grant (August 2021) | Half Associates, Inc. | EOR provided No Negative Impact Memorandum (November 2022) | 103000006, 103000007, 103000011 |
| 10 | 103000023 | Sandy Creek/Pecan Park Areas Buyout | Yes | No | NA | Yes | Engineering Judgement | NA | NA | NA | NA | NA | NA | Proposed buyout; project type not anticipated to cause increases in water surface elevations or discharges. | 103000023 |
| 10 | 103000025 | Onion Creek Structure Elevation | Yes | No | NA | Yes | Engineering Judgement | NA | NA | NA | NA | Travis County Flood Mitigation Study Arroyo Doble, Bluff Springs, Onion Creek Meadows, Thoroughbred Farms, and Twin Creeks Neighborhoods (November 2017) | Half Associates, Inc. | Proposed elevation; construction type not anticipated to cause increases in water surface elevations or discharges. | 103000025 |
| 10 | 103000026 | Bluff Springs Elevation | Yes | No | EOR provided No Negative Impact Memorandum (November 2022) | Yes | Engineering Judgement | NA | NA | NA | NA | Travis County Flood Mitigation Study Arroyo Doble, Bluff Springs, Onion Creek Meadows, Thoroughbred Farms, and Twin Creeks Neighborhoods (November 2017) | Half Associates, Inc. | EOR provided No Negative Impact Memorandum (November 2022) | 103000026 |
| 10 | 103000027 | Onion Creek Meadows Elevation | Yes | No | EOR provided No Negative Impact Memorandum (November 2022) | Yes | Engineering Judgement | NA | NA | NA | NA | Travis County Flood Mitigation Study Arroyo Doble, Bluff Springs, Onion Creek Meadows, Thoroughbred Farms, and Twin Creeks Neighborhoods (November 2017) | Half Associates, Inc. | EOR provided No Negative Impact Memorandum (November 2022) | 103000027 |
| 10 | 103000031 | South Austin Regional WWTP / Sand Hill Energy Center Flood Reduction | Yes | No | NAI Memo: Hydraulic impacts proposed to be mitigated through channel benching/ excavating and/or acquisition of drainage easement on affected properties; confirm with final design | Yes | Model | 100000000031 | Fallwell | HEC-RAS v. 5.0.3 | 01/10/23 | Preliminary Engineering Report Fallwell Lane Capital Renewal Project (August 2018) | Half Associates, Inc. | EOR provided No Negative Impact statement in report | 103000031 |

TABLE 20: FLOOD MITIGATION PROJECT SUPPORT

| RFPG Number | FMP ID | FMP Name | FMP Meets ALL No Negative Impacts Requirements from Exhibit C Section 3.6.A | 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 Type | Date Model Submitted | Study Name and Location | Engineer of Record (optional) | Engineering Judgement Description | Associated FMX IDs |
|-------------|-----------|---|---|---|--|---|---|--------------|---------------------|------------------|----------------------|--|-----------------------------------|--|--------------------|
| 10 | 103000032 | Walnut Creek Wastewater Treatment Plant Flood Wall | Yes | No | Hydraulic impacts proposed to be mitigated through floodwall alignment adjustments and provision of compensatory storage; Confirm NAI with final design. | Yes | Study | NA | NA | NA | NA | Walnut Creek WWTP Expansion to 100 MGD/ TM 11 - Hydraulic Evaluation/ LR 11.2 - Flood Control (Draft January 2022) | AECOM; Crespo Consulting Services | EOR provided No Negative Impact statement in report | 103000032 |
| 10 | 103000033 | S Bowie Low Water Crossing - Flood Warning System | Yes | No | NA | Yes | Engineering Judgement | NA | NA | NA | NA | NA | - | Project type not anticipated to cause hydrologic or hydraulic impacts | 103000033 |
| 10 | 103000034 | 8 Low Water Crossings - Flood Warning System | Yes | No | NA | Yes | Engineering Judgement | NA | NA | NA | NA | NA | - | Project type not anticipated to cause hydrologic or hydraulic impacts | 103000034 |
| 10 | 103000037 | Lady Bird Golf Course Low Water Crossing - Flood Warning System | Yes | No | NA | Yes | Engineering Judgement | NA | NA | NA | NA | NA | - | Project type not anticipated to cause hydrologic or hydraulic impacts | 103000037 |
| 10 | 103000038 | W Travis Low Water Crossing - Flood Warning System | Yes | No | NA | Yes | Engineering Judgement | NA | NA | NA | NA | NA | - | Project type not anticipated to cause hydrologic or hydraulic impacts | 103000038 |
| 10 | 103000039 | Windmill Oaks Subdivision - Flood Warning System | Yes | No | NA | Yes | Engineering Judgement | NA | NA | NA | NA | NA | - | Project type not anticipated to cause hydrologic or hydraulic impacts | 103000039 |
| 10 | 103000040 | Red Bud Trail - Flood Warning System | Yes | No | NA | Yes | Engineering Judgement | NA | NA | NA | NA | NA | - | Project type not anticipated to cause hydrologic or hydraulic impacts | 103000040 |
| 10 | 103000041 | Davitt St Water Plant Backup Generator | Yes | No | NA | Yes | Engineering Judgement | NA | NA | NA | NA | NA | - | Project type not anticipated to cause hydrologic or hydraulic impacts | 103000041 |
| 10 | 103000042 | Beasley City Hall Backup Generator | Yes | No | NA | Yes | Engineering Judgement | NA | NA | NA | NA | NA | - | Project type not anticipated to cause hydrologic or hydraulic impacts | 103000042 |
| 10 | 103000043 | Beasley City Fire Department Backup Generator | Yes | No | NA | Yes | Engineering Judgement | NA | NA | NA | NA | NA | - | Project type not anticipated to cause hydrologic or hydraulic impacts | 103000043 |
| 10 | 103000044 | Emergency Management System Backup Generators | Yes | No | NA | Yes | Engineering Judgement | NA | NA | NA | NA | NA | - | Project type not anticipated to cause hydrologic or hydraulic impacts | 103000044 |
| 10 | 103000045 | City of Edna Safe Room Backup Generator | Yes | No | NA | Yes | Engineering Judgement | NA | NA | NA | NA | NA | - | Project type not anticipated to cause hydrologic or hydraulic impacts | 103000045 |
| 10 | 103000046 | City of Edna Sewer Lift Station Backup Generator | Yes | No | NA | Yes | Engineering Judgement | NA | NA | NA | NA | NA | - | Project type not anticipated to cause hydrologic or hydraulic impacts | 103000046 |
| 10 | 103000047 | City of Ganado Sewer Lift Station Backup Generator | Yes | No | NA | Yes | Engineering Judgement | NA | NA | NA | NA | NA | - | Project type not anticipated to cause hydrologic or hydraulic impacts | 103000047 |
| 10 | 103000048 | Jackson County Courthouse Backup Generator | Yes | No | NA | Yes | Engineering Judgement | NA | NA | NA | NA | NA | - | Project type not anticipated to cause hydrologic or hydraulic impacts | 103000048 |
| 10 | 103000050 | City of Edna Hospital Backup Generator | Yes | No | NA | Yes | Engineering Judgement | NA | NA | NA | NA | NA | - | Project type not anticipated to cause hydrologic or hydraulic impacts | 103000050 |
| 10 | 103000051 | Various Streets - Flood Warning System | Yes | No | NA | Yes | Engineering Judgement | NA | NA | NA | NA | NA | - | Project type not anticipated to cause hydrologic or hydraulic impacts | 103000051 |
| 10 | 103000052 | Jonestown Flood Warning System | Yes | No | NA | Yes | Engineering Judgement | NA | NA | NA | NA | NA | - | Project type not anticipated to cause hydrologic or hydraulic impacts | 103000052 |
| 10 | 103000053 | City of Briarcliff WWTP Backup Generator | Yes | No | NA | Yes | Engineering Judgement | NA | NA | NA | NA | NA | - | Project type not anticipated to cause hydrologic or hydraulic impacts | 103000053 |
| 10 | 103000054 | Portable Electronic Signs | Yes | No | NA | Yes | Engineering Judgement | NA | NA | NA | NA | NA | - | Project type not anticipated to cause hydrologic or hydraulic impacts | 103000054 |
| 10 | 103000055 | Dalton Lane Low Water Crossing Improvements | Yes | Yes | Easement acquisition | Yes | Model | 100000000055 | CarsonCreek | HEC-HMS v. 4.2.1 | 7/13/2023 | Carson Creek - Dalton Lane Low Water Crossing Improvements (September 2022) | Lockwood, Andrews & Newnam, Inc. | Land acquisition combined with proposed construction will eliminate negative impacts | 103000055 |
| 10 | 103000056 | Waller Creek - Guadalupe St Flood Risk Reduction Project | Yes | No | NA | Yes | Model | 100000000056 | GuadSDI_Impacts_MHR | HEC-RAS v. 6.0.0 | 7/13/2023 | Guadalupe Street Storm Drain Improvements H&H Impact Analysis (Draft November 2021) | Freese and Nichols, Inc | EOR provided No Negative Impact statement in Impact Analysis report section 4.6 | 103000056 |
| 10 | 103000057 | Detention Pond at Hunters Crossing (DMP SB-01) | Yes | No | NA | Yes | Model | 100000000057 | SB | HEC-RAS v. 5.0.3 | 7/13/2023 | City of Bastrop, Texas Drainage Master Plan and Drainage Fund Study (April 2023) Bastrop DMP Memo (July 2023) | Half Associates, Inc. | EOR provided No Negative Impact statement in Memorandum | 103000057 |

| RFPG Number | FMP ID | FMP Name | FMP Meets ALL No Negative Impacts Requirements from Exhibit C Section 3.6.A | 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 Type | Date Model Submitted | Study Name and Location | Engineer of Record (optional) | Engineering Judgement Description | Associated FMX IDs |
|-------------|-----------|---|---|---|-----------------------------|---|---|--------------|--------------------|------------------|----------------------|---|-------------------------------|---|--------------------|
| 10 | 103000057 | Detention Pond at Hunters Crossing (DMP SB-01) | Yes | No | NA | Yes | Model | 100000000072 | SpringBranch | HEC-HMS v. 4.2.0 | 6/12/2023 | City of Bastrop, Texas Drainage Master Plan and Drainage Fund Study (April 2023) Bastrop DMP Memo (July 2023) | Half Associates, Inc. | EOR provided No Negative Impact statement in Memorandum | 103000057 |
| 10 | 103000059 | SH-95 Improvements at Gills Branch (DMP GB-01) | Yes | No | NA | Yes | Model | 100000000059 | GillsBranch | HEC-RAS v. 5.0.7 | 7/13/2023 | City of Bastrop, Texas Drainage Master Plan and Drainage Fund Study (April 2023) Bastrop DMP Memo (July 2023) | Half Associates, Inc. | EOR provided No Negative Impact statement in Memorandum | 103000059 |
| 10 | 103000060 | FM 812 at Little Alum Creek | Yes | No | NA | Yes | Model | 100000000060 | LittleAlumSouth | HEC-RAS v. 5.0.3 | 7/13/2023 | RFPG10_Task12Memo_BastropCo_FM 812-LittleAlum (May 2023) | Half Associates, Inc. | EOR provided No Negative Impact statement in Memorandum | 103000060 |
| 10 | 103000061 | Piney Creek Mitigation | Yes | No | NA | Yes | Model | 100000000061 | Piney Creek | HEC-RAS v. 5.0.3 | 7/13/2023 | RFPG10_Task12Memo_BastropCo_PineyCreek Mitigation (May 2023) | Half Associates, Inc. | EOR provided No Negative Impact statement in Memorandum | 103000061 |
| 10 | 103000062 | Cedar Creek Channel Improvements Near Christian Drive | Yes | No | NA | Yes | Model | 100000000062 | CFPP_CED_CHRISTIAN | HEC-RAS v. 6.3.0 | 7/13/2023 | Cedar Creek Channel Improvements Near Christian Drive Memorandum (May 2023) | Doucet and Associates | EOR provided No Negative Impact statement in Memorandum | 103000062 |
| 10 | 103000063 | CR 170 Low Water Crossing Improvements @ Lytton Creek | Yes | No | NA | Yes | Model | 100000000063 | CFPP_LYT_CR170 | HEC-RAS v. 6.3.0 | 7/13/2023 | CR 170 Low Water Crossing Improvements @ Lytton Creek Memorandum (May 2023) | Doucet and Associates | EOR provided No Negative Impact statement in Memorandum | 103000063 |
| 10 | 103000064 | CR 172 Low Water Crossing Improvements @ Lytton Creek | Yes | No | NA | Yes | Model | 100000000064 | CFPP_LYT_CR172 | HEC-RAS v. 6.3.0 | 7/13/2023 | CR 172 Low Water Crossing Improvements @ Lytton Creek Memorandum (May 2023) | Doucet and Associates | EOR provided No Negative Impact statement in Memorandum | 103000064 |
| 10 | 103000065 | Creek Street at Barons Creek | Yes | No | NA | Yes | Model | 100000000065 | BARONS CREEK | HEC-RAS v. 6.3.1 | 7/13/2023 | RFPG10_Task12Memo_Fredericksburg_CreekSt (May 2023) | Freese and Nichols, Inc | EOR provided No Negative Impact statement in Memorandum | 103000065 |
| 10 | 103000066 | Broadway Avenue at Backbone Creek Low Water Crossing | Yes | No | NA | Yes | Model | 100000000066 | BCB | HEC-RAS v. 6.3.1 | 7/13/2023 | RFPG10_Task12Memo_MarbleFalls_BroadwaySt (May 2023) | HDR Inc. | EOR provided No Negative Impact statement in Memorandum | 103000066 |
| 10 | 103000067 | Whitman Branch Industrial Area - Regional Detention | Yes | No | NA | Yes | Model | 100000000067 | WTM | HEC-RAS v. 6.3.1 | 7/13/2023 | RFPG10_Task12Memo_MarbleFalls_Whitman Detention (May 2023) | HDR Inc. | EOR provided No Negative Impact statement in Memorandum | 103000067 |
| 10 | 103000068 | Immanuel Road/Pecan Park at Upper Gilleland Creek (DMP GC-05) | Yes | No | NA | Yes | Model | 100000000068 | U_Gilleland | HEC-RAS v. 4.1.0 | 7/13/2023 | City of Pflugerville, Texas Drainage Master Plan (August 2022) Pflugerville DMP GC-05 Memo (July 2023) | Half Associates, Inc. | EOR provided No Negative Impact statement in Memorandum | 103000068 |
| 10 | 103000070 | Peach Creek Channel Improvements | Yes | No | NA | Yes | Model | 100000000070 | PeachCreek | HEC-RAS v. 6.0.0 | 7/13/2023 | Peach Creek Planning Study Final Engineering Report (April 2023) | Scheibe and Associates | EOR provided No Negative Impact statement in report | 103000070 |