

Flood Management Evaluation (FME)



Title **Turkey Creek Trail Bridge**

ID# **031000171**

Sponsor (name of entity, not person) **Bridgeport**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Study Details

Study type **Project Planning**

Study description **Evaluate alternatives to construct Bridge at Low-Water Crossing on Turkey Creek Trail.**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Wise** Watershed HUC# (if known) **120301010410,120301010411**

Drainage area (Square miles, est.) **5** Goal(s) **03000003, 03000004**

100-Year Flood Risk Summary

Population at risk **0** # of structures **0** Critical facilities **1**

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

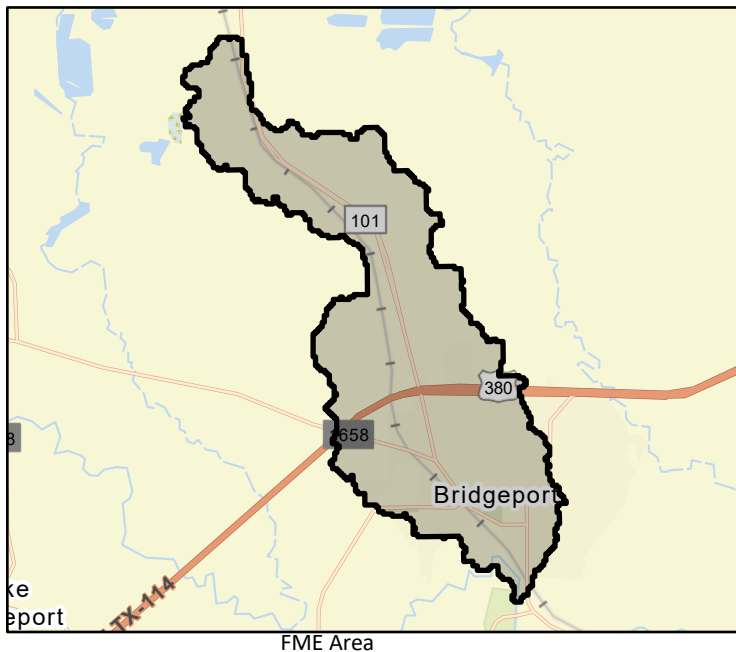
Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **4**

Number of low water crossings **1** Historical road closures **-**

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **25,000** Federal funding availability **Yes**

Funding source **Local, State**



Flood Management Evaluation (FME)



Title **Turkey Creek Trail Rebuild**

ID# **031000172**

Sponsor (name of entity, not person) **Bridgeport**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Study Details

Study type **Project Planning**

Study description **Evaluate alternatives to rebuild Turkey Creek Trail from 9th Street to State Highway 114.**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Wise** Watershed HUC# (if known) **120301010410,120301010411**

Drainage area (Square miles, est.) **5** Goal(s) **03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **275** # of structures **91** Critical facilities **1**

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

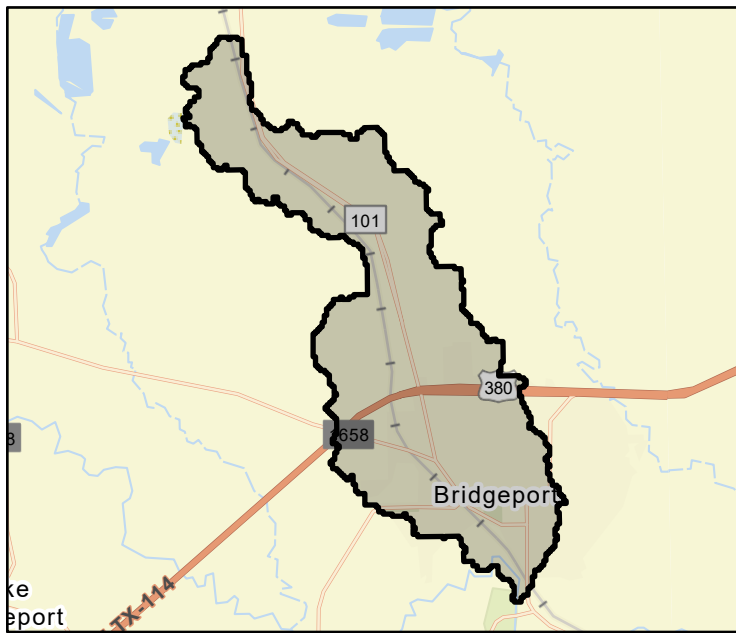
Farm/Ranch land impacted (acres) **168** Roadway(s) impacted (length) **4**

Number of low water crossings **1** Historical road closures **-**

Estimated Cost and Funding Availability

Total Cost **\$63,000** Amount of Available Funding **6,300** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **West Bridgeport Creek Channelization and Drainage Project**

ID# **031000173**

Sponsor (name of entity, not person) **Bridgeport**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Study Details

Study type **Project Planning**

Study description **West Bridgeport Creek Channelization and Drainage Project Feasibility Assessment.**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Wise** Watershed HUC# (if known) **120301010404,120301010405,120301010410,120301010411,120301010**

Drainage area (Square miles, est.) **28** Goal(s) **03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **308** # of structures **121** Critical facilities **1**

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

Farm/Ranch land impacted (acres) **2,778** Roadway(s) impacted (length) **7**

Number of low water crossings **2** Historical road closures **-**

Estimated Cost and Funding Availability

Total Cost **\$150,000** Amount of Available Funding **15,000** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **North Weatherford St and Oakwood St Structure Improvements**

ID# **031000174**

Sponsor (name of entity, not person) **Chico**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Study Details

Study type **Project Planning**

Study description **Structure improvements assessment - North Weatherford St in front of fire station and Oakwood St between Granada and El Camino.**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Wise** Watershed HUC# (if known) **120301010404,120301010410,120301010411,120301010508**

Drainage area (Square miles, est.) **6** Goal(s) **03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **35** # of structures **30** Critical facilities **2**

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

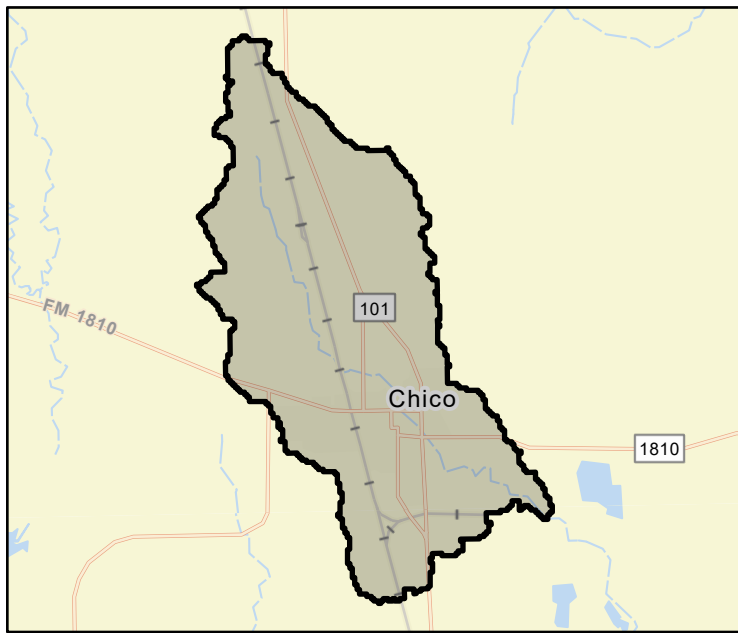
Farm/Ranch land impacted (acres) **303** Roadway(s) impacted (length) **2**

Number of low water crossings **0** Historical road closures **-**

Estimated Cost and Funding Availability

Total Cost **\$200,000** Amount of Available Funding **20,000** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Hurstview Drive Bridge Improvement**

ID# **031000175**

Sponsor (name of entity, not person) **Hurst**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Study Details

Study type **Project Planning**

Study description **Lorean watershed; \$ Estimated construction cost of 390,000 cost estimate; from 2013 study**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Tarrant** Watershed HUC# (if known) **120301020704,120301020505**

Drainage area (Square miles, est.) **4** Goal(s) **03000003, 03000004, 03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **189** # of structures **68** Critical facilities **1**

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

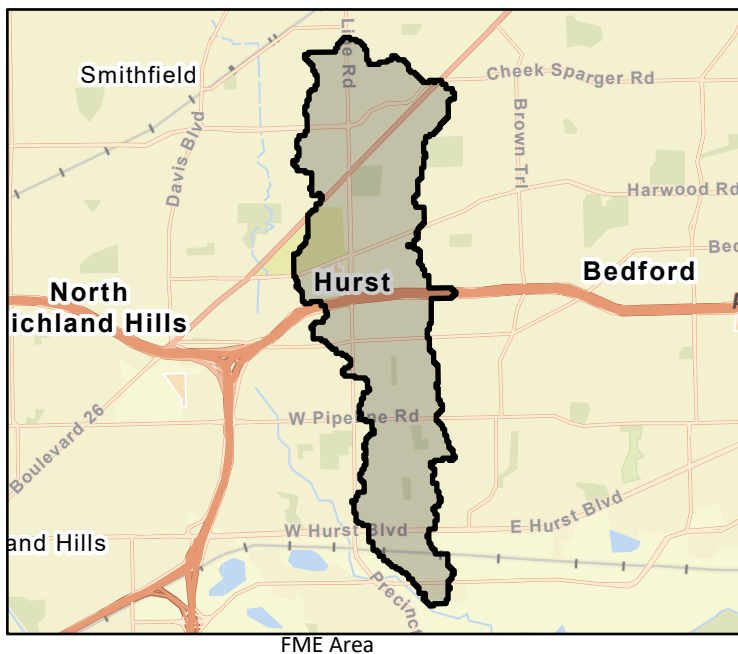
Farm/Ranch land impacted (acres) **16** Roadway(s) impacted (length) **3**

Number of low water crossings **1** Historical road closures **-**

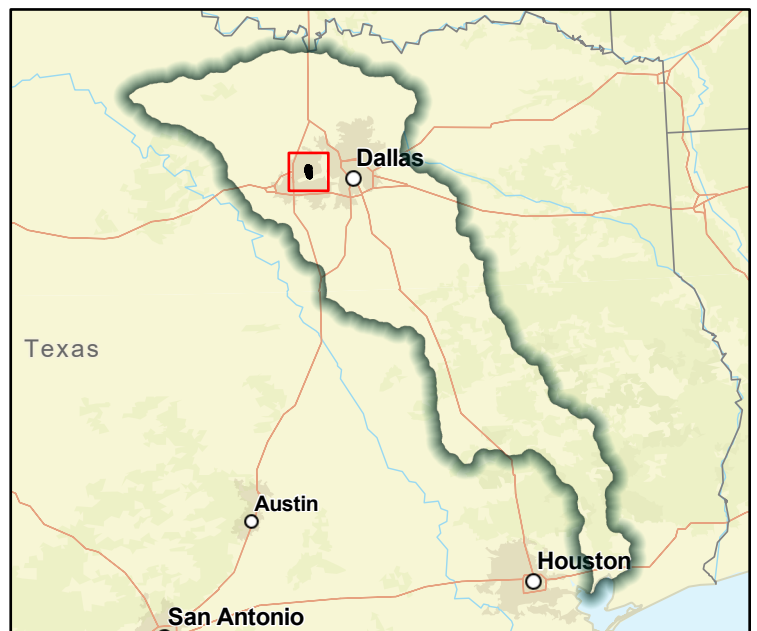
Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **25,000** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Regional Detention at Mayfair Park**

ID# **031000176**

Sponsor (name of entity, not person) **Hurst**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Study Details

Study type **Project Planning**

Study description **Valley View watershed; \$ Estimated construction cost of 1,900,000 cost estimate; from 2017 study**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Tarrant** Watershed HUC# (if known) **120301020704, 120301020505**

Drainage area (Square miles, est.) **3** Goal(s) **03000013, 03000014, 03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **1,199** # of structures **189** Critical facilities **1**

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

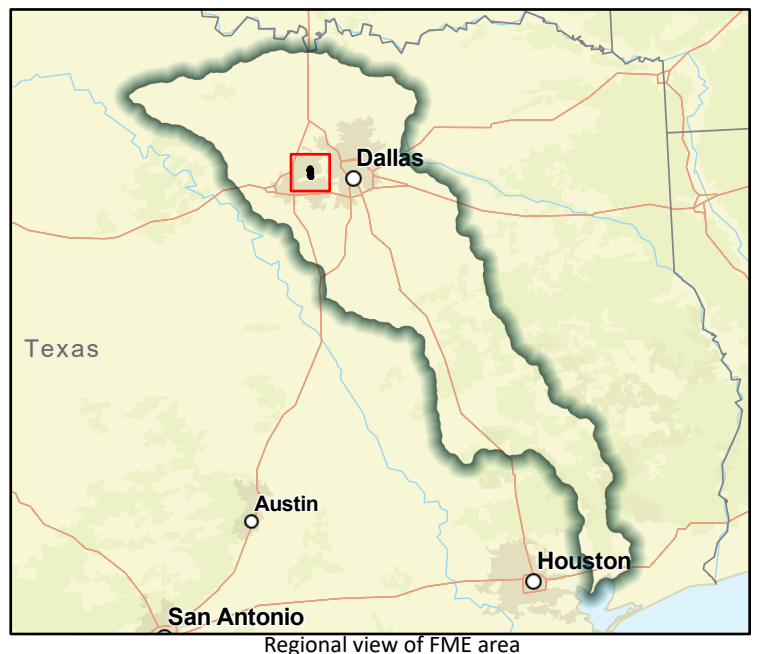
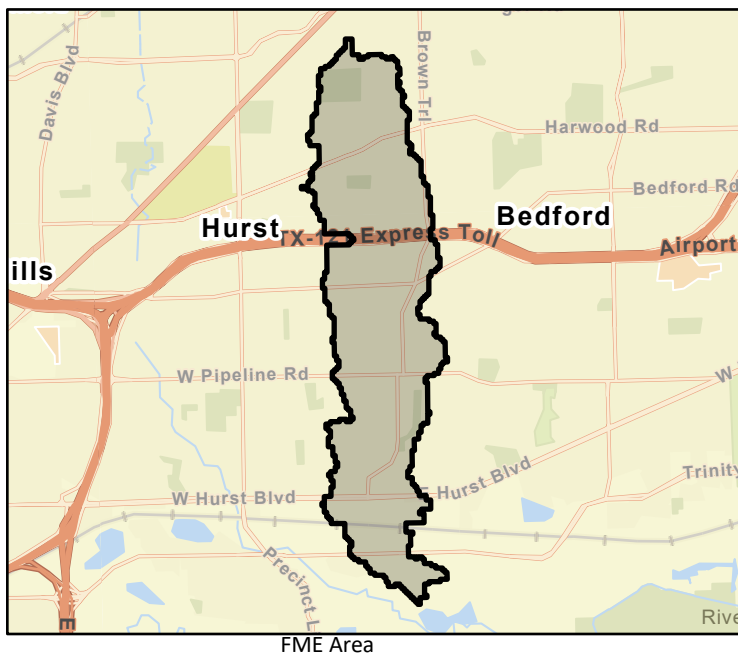
Farm/Ranch land impacted (acres) **9** Roadway(s) impacted (length) **5**

Number of low water crossings **12** Historical road closures **-**

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **25,000** Federal funding availability **Yes**

Funding source **Local, State**



Flood Management Evaluation (FME)



Title **TRE & SH-10 Culvert Improvements**

ID# **031000177**

Sponsor (name of entity, not person) **Hurst**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Study Details

Study type **Project Planning**

Study description **Valley View watershed; \$ Estimated construction cost of 750,000 cost estimate; from 2017 study**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Tarrant** Watershed HUC# (if known) **120301020506,120301020704,120301020505,120301020701,120301020**

Drainage area (Square miles, est.) **28** Goal(s) **03000003, 03000004, 03000009, 03000010, 03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **3,457** # of structures **584** Critical facilities **5**

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

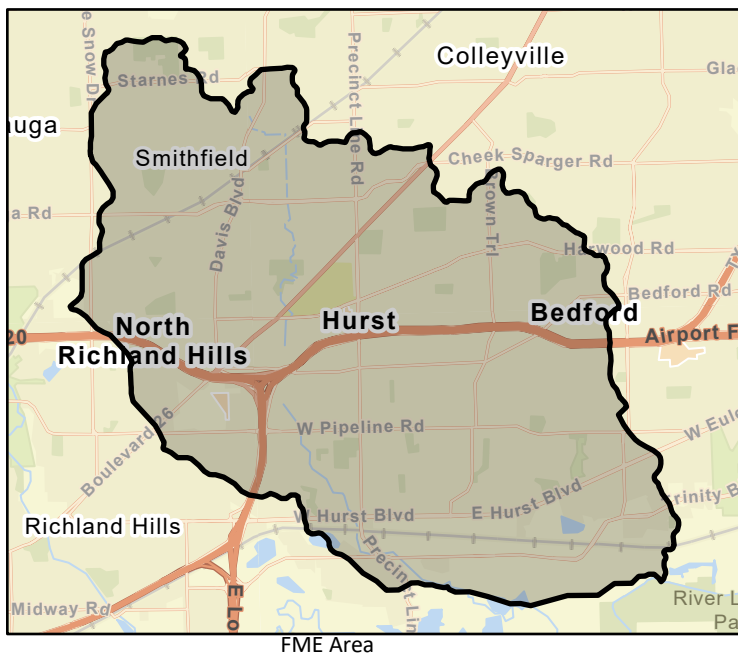
Farm/Ranch land impacted (acres) **335** Roadway(s) impacted (length) **22**

Number of low water crossings **25** Historical road closures **-**

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **25,000** Federal funding availability **Yes**

Funding source **Local, State**



Flood Management Evaluation (FME)



Title Pipeline Road Bridge Improvement
 ID# 031000178
 Sponsor (name of entity, not person) Hurst
 RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance

Study Details

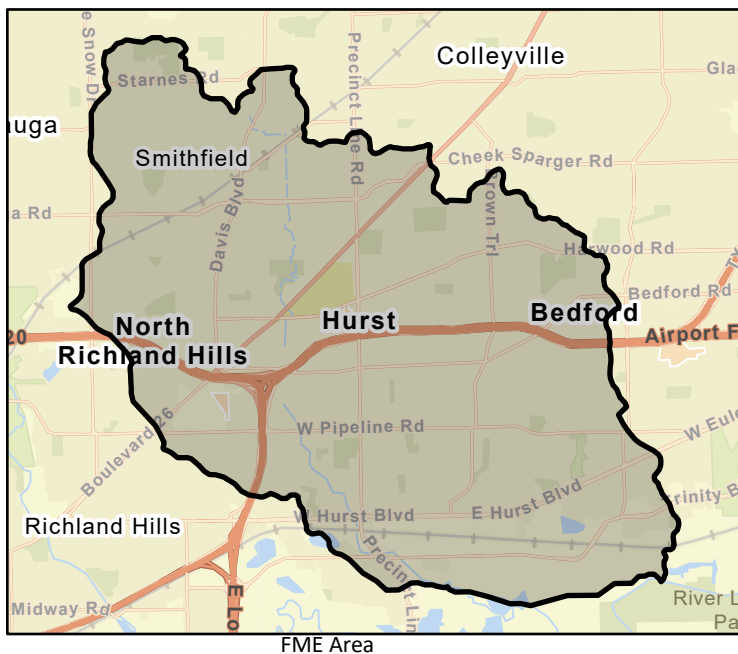
Study type Project Planning
 Study description Walker watershed; \$ Estimated construction cost of 1,700,000 cost estimate; from 2020 study
 New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Tarrant Watershed HUC# (if known) 120301020506,120301020704,120301020505,120301020701,120301020
 Drainage area (Square miles, est.) 28 Goal(s) 03000031, 03000032

100-Year Flood Risk Summary

Population at risk 3,457 # of structures 584 Critical facilities 5
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No
 Farm/Ranch land impacted (acres) 335 Roadway(s) impacted (length) 22
 Number of low water crossings 25 Historical road closures -

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 25,000 Federal funding availability Yes
 Funding source Local, State



Flood Management Evaluation (FME)



Title **Redbud Drive Bridge Improvement**

ID# **031000179**

Sponsor (name of entity, not person) **Hurst**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Study Details

Study type **Project Planning**

Study description **Walker watershed; \$ Estimated construction cost of 1,200,000 cost estimate; from 2020 study**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Tarrant** Watershed HUC# (if known) **120301020704, 120301020505**

Drainage area (Square miles, est.) **4** Goal(s) **03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **189** # of structures **68** Critical facilities **1**

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

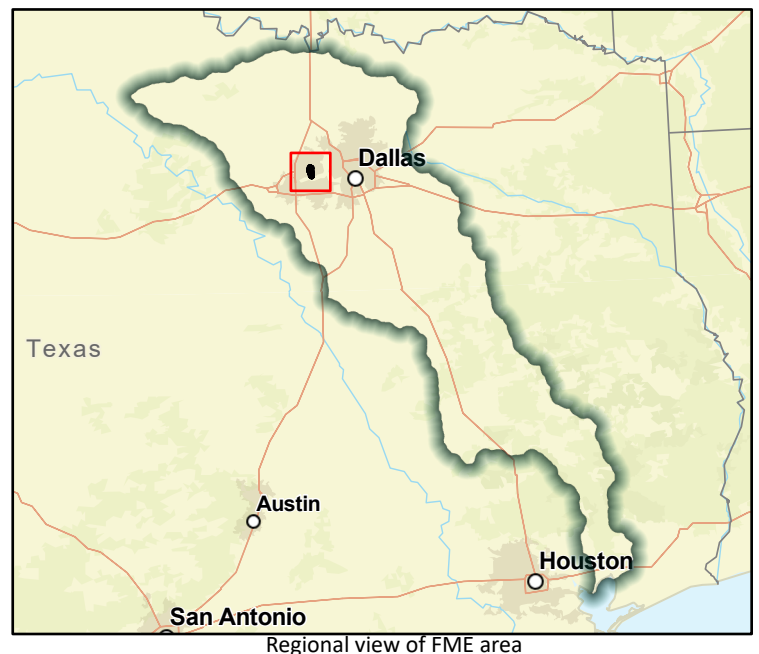
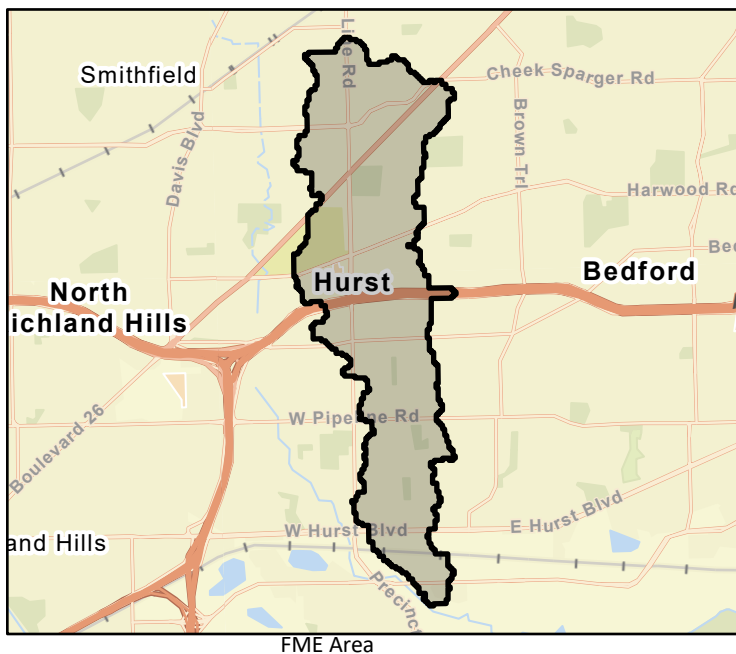
Farm/Ranch land impacted (acres) **16** Roadway(s) impacted (length) **3**

Number of low water crossings **1** Historical road closures **-**

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **25,000** Federal funding availability **Yes**

Funding source **Local, State**



Flood Management Evaluation (FME)



Title **Northeast Mall Culvert Improvement**

ID# **031000180**

Sponsor (name of entity, not person) **Hurst**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Study Details

Study type **Project Planning**

Study description **Walker watershed; \$ Estimated construction cost of 11,600,000 cost estimate; from 2020 study**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Tarrant** Watershed HUC# (if known) **120301020704, 120301020505**

Drainage area (Square miles, est.) **5** Goal(s) **03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **380** # of structures **91** Critical facilities **0**

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

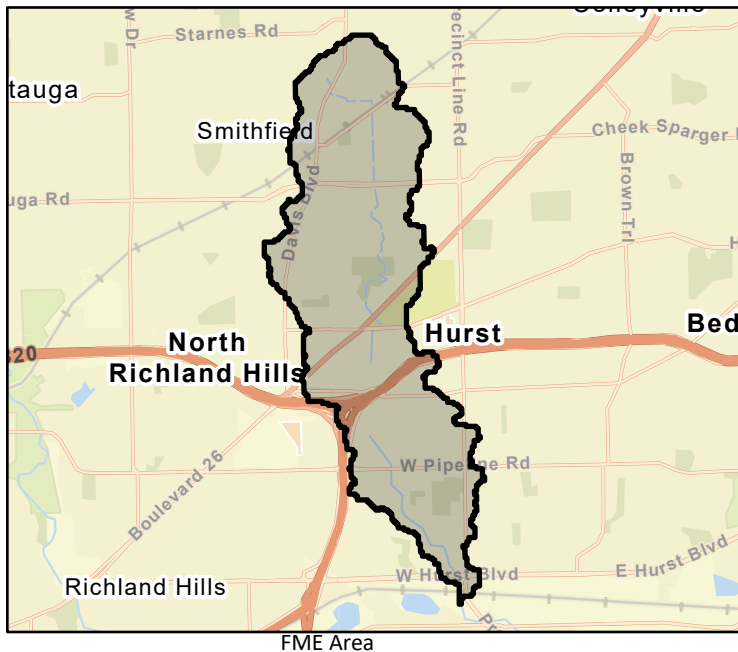
Farm/Ranch land impacted (acres) **8** Roadway(s) impacted (length) **2**

Number of low water crossings **1** Historical road closures **-**

Estimated Cost and Funding Availability

Total Cost **\$582,000** Amount of Available Funding **58,200** Federal funding availability **Yes**

Funding source **Local, State**



Flood Management Evaluation (FME)



Title **Grand Parkway Culvert Crossing**

ID# **031000181**

Sponsor (name of entity, not person) **Mont Belvieu**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Study Details

Study type **Project Planning**

Study description **Evaluate alternatives to upsize cross-culverts to allow for developed flow**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Chambers** Watershed HUC# (if known) **120402030105,120302030307,120402030106,120402030200,120302030**

Drainage area (Square miles, est.) **9** Goal(s) **03000003, 03000004, 03000009, 03000010, 03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **358** # of structures **209** Critical facilities **0**

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

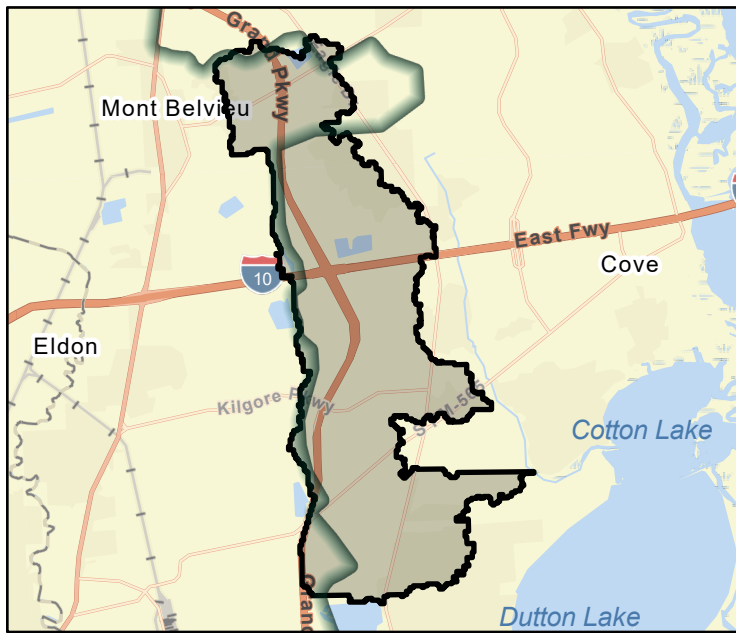
Farm/Ranch land impacted (acres) **742** Roadway(s) impacted (length) **4**

Number of low water crossings **0** Historical road closures **-**

Estimated Cost and Funding Availability

Total Cost **\$100,000** Amount of Available Funding **10,000** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Cherry Point Gully PER**

ID# **031000182**

Sponsor (name of entity, not person) **Mont Belvieu**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Study Details

Study type **Project Planning**

Study description **Evaluate alternatives to construct a diversion channel; channel improvements upstream of diversion; construction of regional detention basins as alternative to diversion channel construction**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Chambers** Watershed HUC# (if known) **120402030105,120302030304,120402030104**

Drainage area (Square miles, est.) **6** Goal(s) **03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **557** # of structures **252** Critical facilities **0**

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

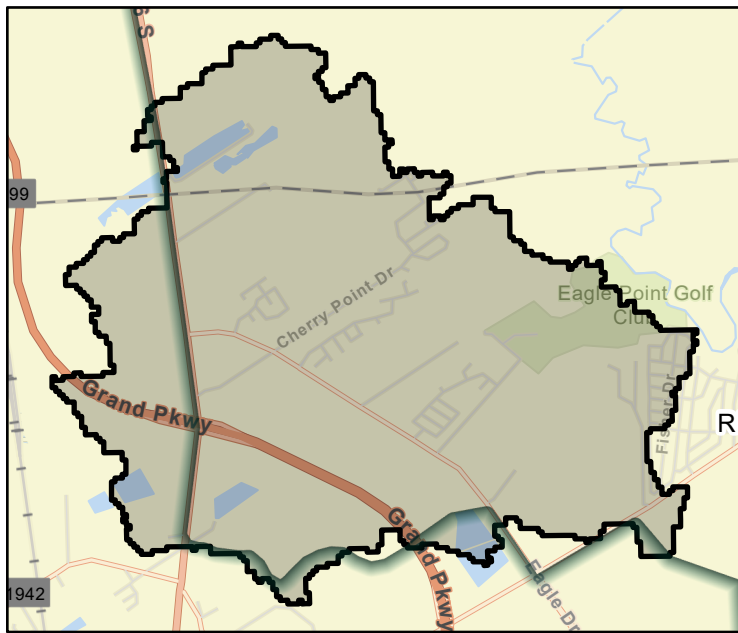
Farm/Ranch land impacted (acres) **755** Roadway(s) impacted (length) **4**

Number of low water crossings **0** Historical road closures **-**

Estimated Cost and Funding Availability

Total Cost **\$100,000** Amount of Available Funding **10,000** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Cotton Bayou PER**

ID# **031000183**

Sponsor (name of entity, not person) **Mont Belvieu**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Study Details

Study type **Project Planning**

Study description **Evaluate alternatives to construct a diversion channel within irrigation canal ROW to drain to Old River; construction of detention basins to serve new development; linear detention through channel improvements; expansion of existing detention basins**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Chambers** Watershed HUC# (if known) **120402030105,120302030307,120402030106,120402030200,120302030**

Drainage area (Square miles, est.) **25** Goal(s) **03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **3,070** # of structures **645** Critical facilities **12**

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

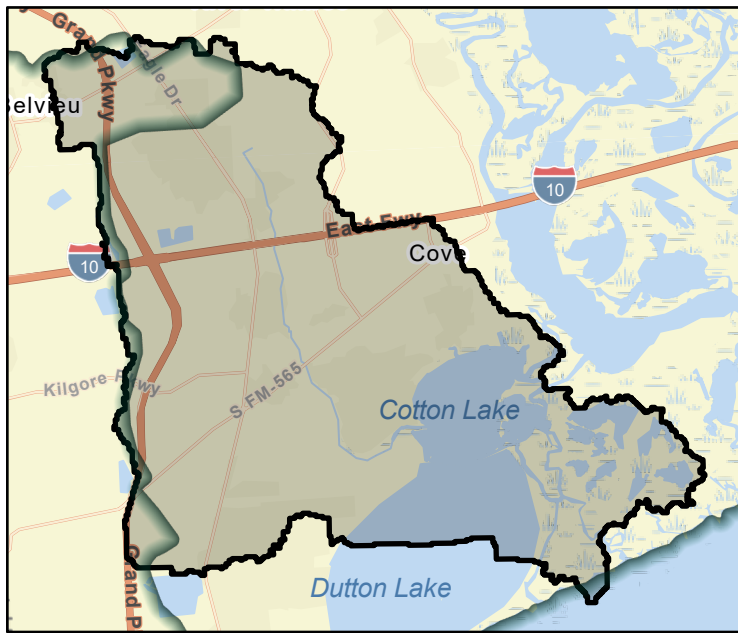
Farm/Ranch land impacted (acres) **749** Roadway(s) impacted (length) **14**

Number of low water crossings **0** Historical road closures **-**

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **25,000** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Belt Line Rd (FM1382) at Cottonwood Creek**

ID# **031000184**

Sponsor (name of entity, not person) **Grand Prairie**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Study Details

Study type **Project Planning**

Study description **Study update - Channel Improvements; Estimated construction cost of \$4,502,500**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Dallas, Tarrant** Watershed HUC# (if known) **120301020606,120301020607,120301020706,120301020702**

Drainage area (Square miles, est.) **13** Goal(s) **03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **890** # of structures **122** Critical facilities **1**

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

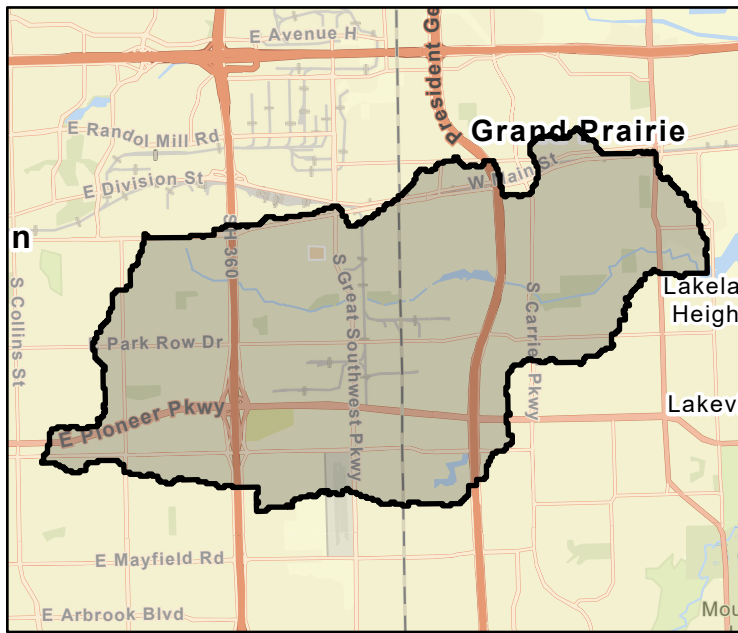
Farm/Ranch land impacted (acres) **32** Roadway(s) impacted (length) **6**

Number of low water crossings **12** Historical road closures **-**

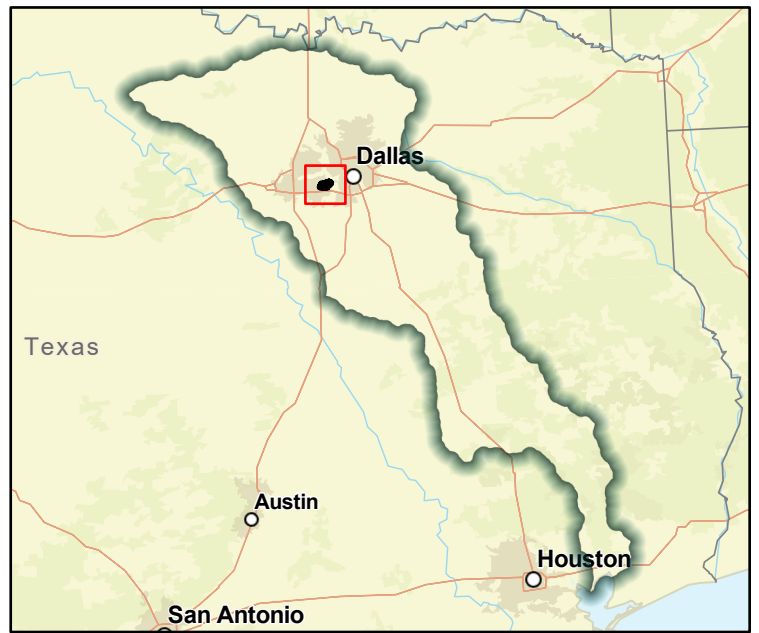
Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **25,000** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **North Grand Prairie High School Pond Crossing**

ID# **031000185**

Sponsor (name of entity, not person) **Grand Prairie**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Study Details

Study type **Project Planning**

Study description **Study update - Gopher Creek 430 feet north of Small Hill St; channel improvements; Estimated construction cost of \$159,500**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Dallas** Watershed HUC# (if known) **120301020607,120301020706,120301020705**

Drainage area (Square miles, est.) **4** Goal(s) **03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **1,107** # of structures **18** Critical facilities **2**

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

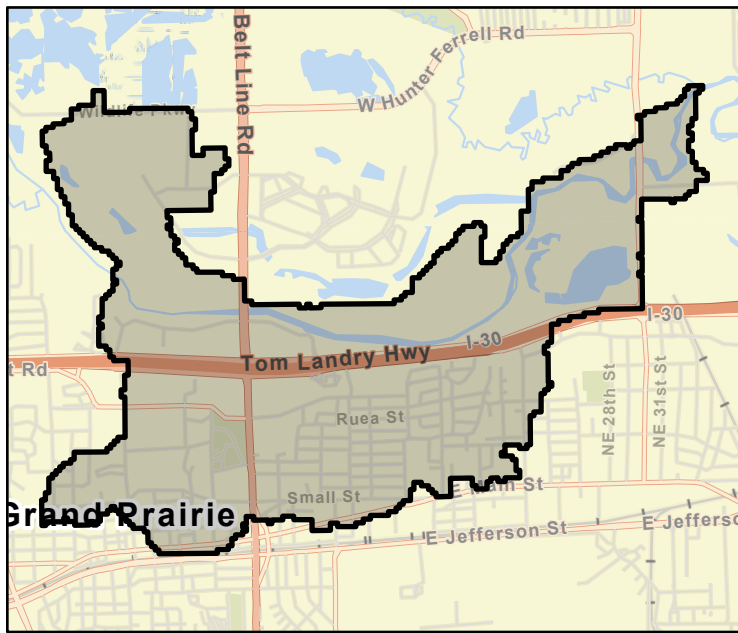
Farm/Ranch land impacted (acres) **161** Roadway(s) impacted (length) **3**

Number of low water crossings **0** Historical road closures **-**

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **25,000** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Belt Line Rd at Plattner Creek**

ID# **031000186**

Sponsor (name of entity, not person) **Grand Prairie**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Study Details

Study type **Project Planning**

Study description **Study update - Channel Improvements; Estimated construction cost of \$435,500**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Dallas** Watershed HUC# (if known) **120301020606,120301020607**

Drainage area (Square miles, est.) **3** Goal(s) **03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **23** # of structures **4** Critical facilities **0**

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

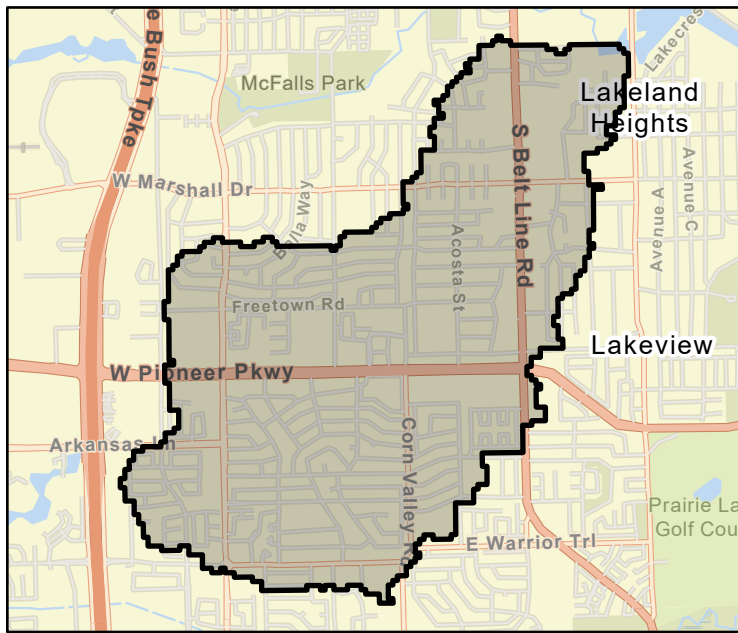
Farm/Ranch land impacted (acres) **3** Roadway(s) impacted (length) **0**

Number of low water crossings **1** Historical road closures **-**

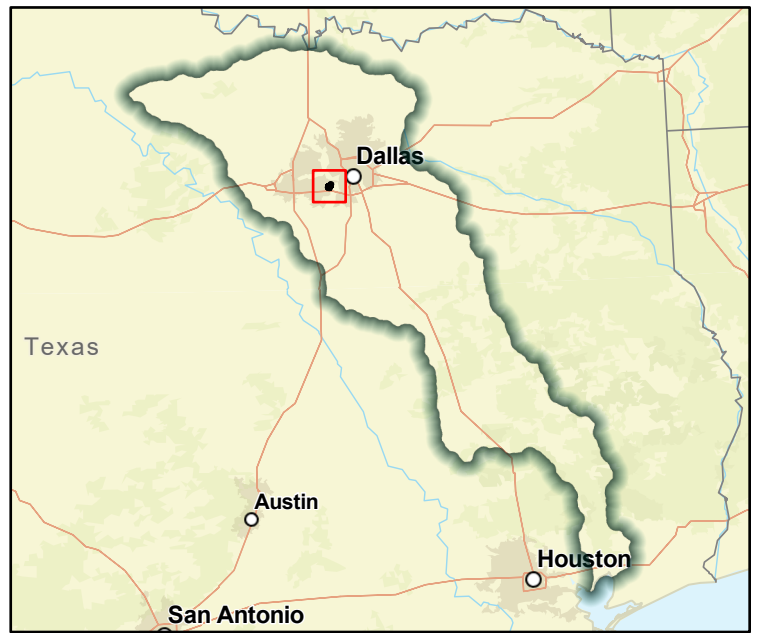
Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **25,000** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Small Hill St at Gopher Creek**

ID# **031000187**

Sponsor (name of entity, not person) **Grand Prairie**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Study Details

Study type **Project Planning**

Study description **Study update - Channel Improvements; Estimated construction cost of \$307,700**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Dallas** Watershed HUC# (if known) **120301020607,120301020706,120301020705**

Drainage area (Square miles, est.) **4** Goal(s) **03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **1,107** # of structures **18** Critical facilities **2**

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

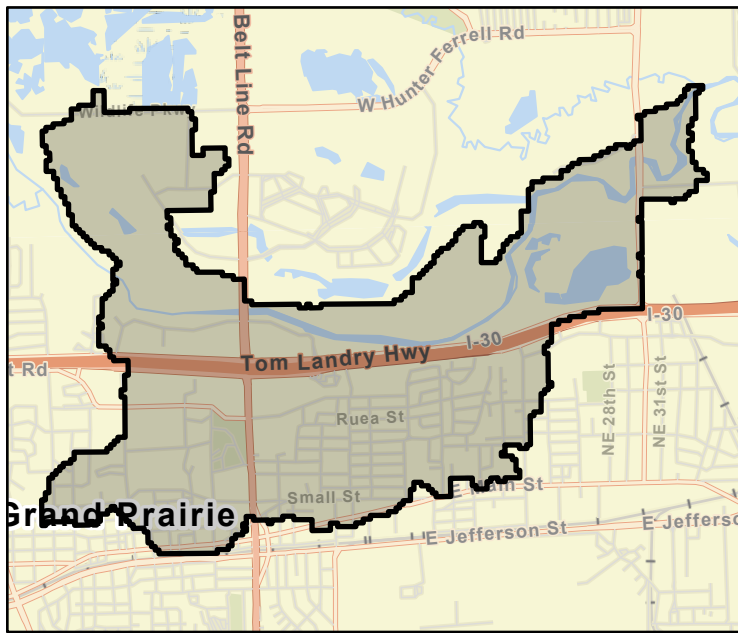
Farm/Ranch land impacted (acres) **161** Roadway(s) impacted (length) **3**

Number of low water crossings **0** Historical road closures **-**

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **25,000** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Carrier Parkway at Dalworth Creek**

ID# **031000188**

Sponsor (name of entity, not person) **Grand Prairie**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Study Details

Study type **Project Planning**

Study description **Study update - 190 feet southeast of Capetown; Channel Improvements; Estimated construction cost of \$1,092,000**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Dallas** Watershed HUC# (if known) **120301020607,120301020706,120301020702**

Drainage area (Square miles, est.) **2** Goal(s) **03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **112** # of structures **30** Critical facilities **0**

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

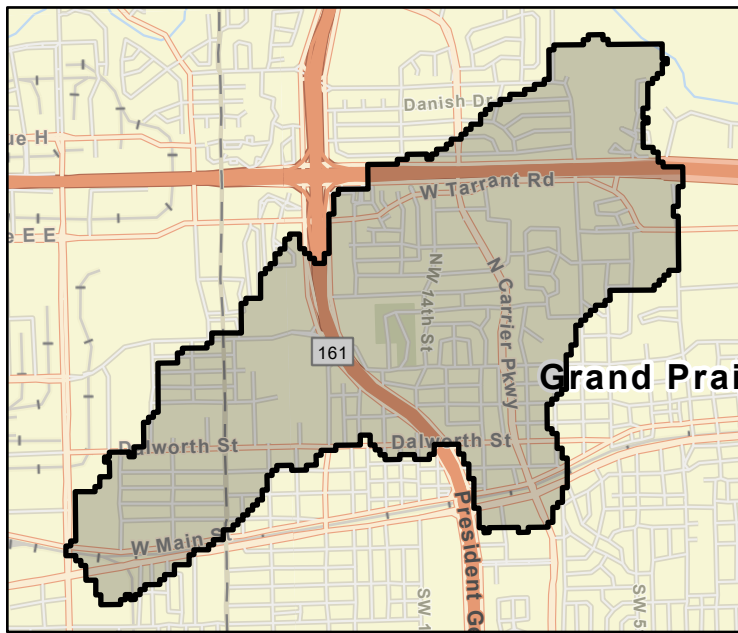
Farm/Ranch land impacted (acres) **10** Roadway(s) impacted (length) **1**

Number of low water crossings **3** Historical road closures **-**

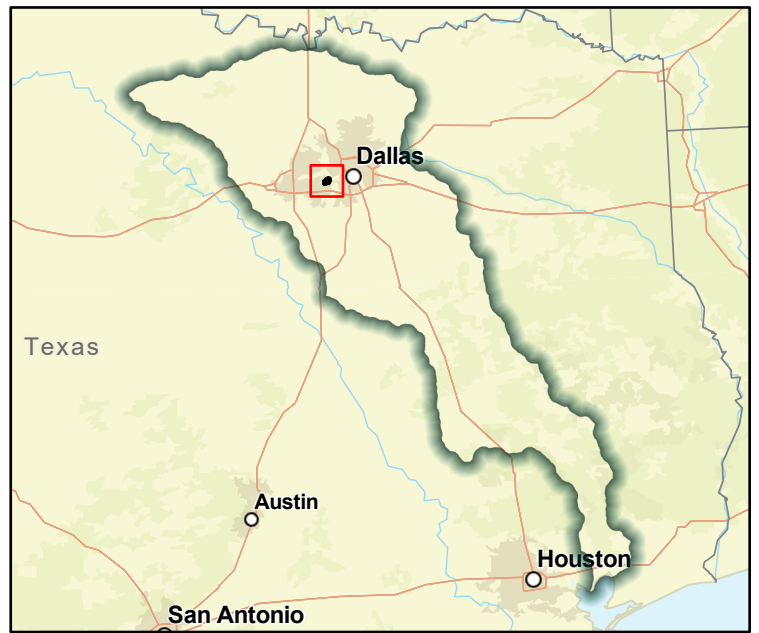
Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **25,000** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **East Tarrant Rd at Gopher Creek**

ID# **031000189**

Sponsor (name of entity, not person) **Grand Prairie**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Study Details

Study type **Project Planning**

Study description **Study update - Channel Improvements; Estimated construction cost of \$381,300**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Dallas** Watershed HUC# (if known) **120301020607,120301020706,120301020705**

Drainage area (Square miles, est.) **4** Goal(s) **03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **1,107** # of structures **18** Critical facilities **2**

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

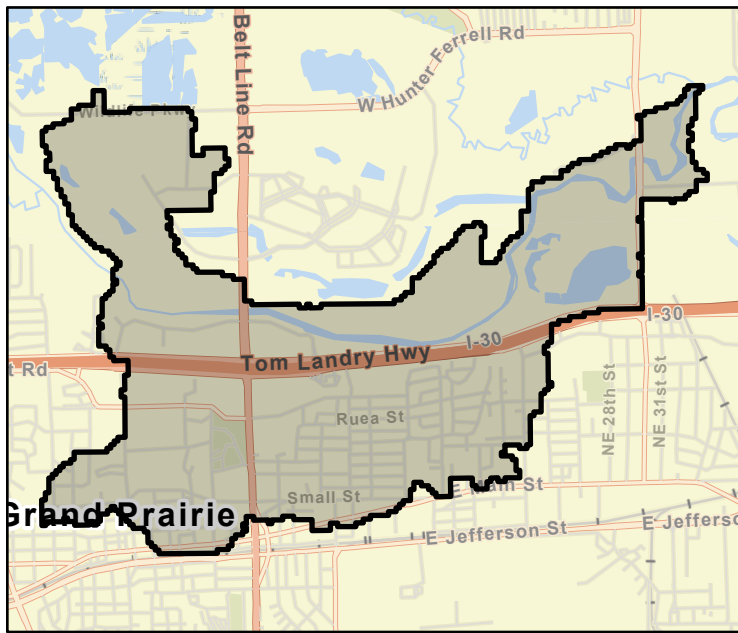
Farm/Ranch land impacted (acres) **161** Roadway(s) impacted (length) **3**

Number of low water crossings **0** Historical road closures **-**

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **25,000** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **NE 5th St at Gopher Creek**
 ID# **031000190**
 Sponsor (name of entity, not person) **Grand Prairie**
 RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Study Details

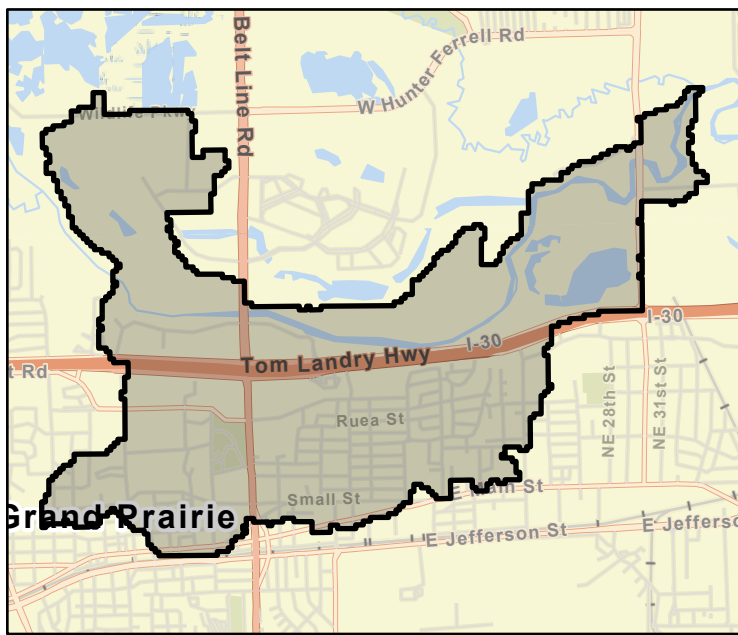
Study type **Project Planning**
 Study description **Study update - Channel Improvements; Estimated construction cost of \$390,200**
 New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**
 County **Dallas** Watershed HUC# (if known) **120301020607,120301020706,120301020705**
 Drainage area (Square miles, est.) **4** Goal(s) **03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **1,107** # of structures **18** Critical facilities **2**
 Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**
 Farm/Ranch land impacted (acres) **161** Roadway(s) impacted (length) **3**
 Number of low water crossings **0** Historical road closures **-**

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **25,000** Federal funding availability **Yes**
 Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Grass-covered Culvert at Dalworth Creek**

ID# **031000191**

Sponsor (name of entity, not person) **Grand Prairie**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Study Details

Study type **Project Planning**

Study description **Study update - 520 feet west of Carrier Parkway; Channel Improvements; Estimated construction cost of \$1,048,700**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Dallas** Watershed HUC# (if known) **120301020607,120301020706,120301020702**

Drainage area (Square miles, est.) **2** Goal(s) **03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **112** # of structures **30** Critical facilities **0**

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

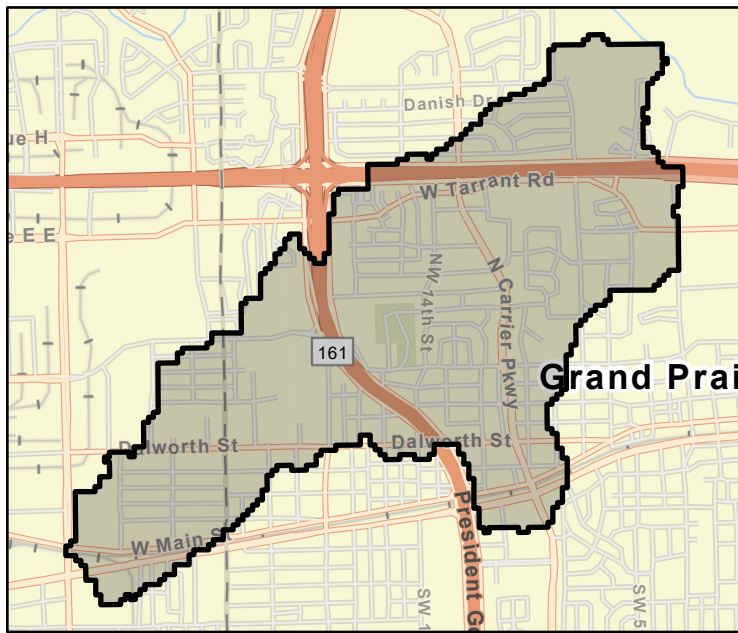
Farm/Ranch land impacted (acres) **10** Roadway(s) impacted (length) **1**

Number of low water crossings **3** Historical road closures **-**

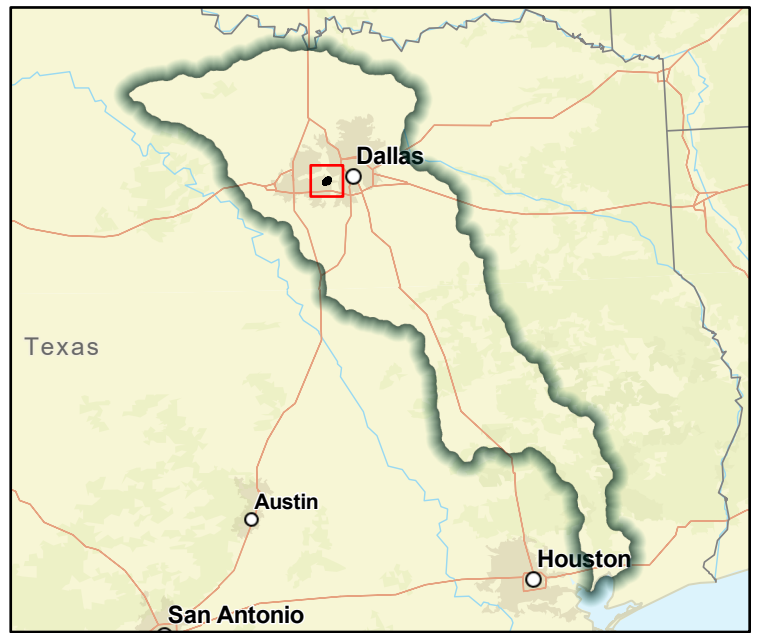
Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **25,000** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **High School Drive at Gopher Creek**

ID# **031000192**

Sponsor (name of entity, not person) **Grand Prairie**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Study Details

Study type **Project Planning**

Study description **Study update - Channel Improvements; Estimated construction cost of \$402,400**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Dallas** Watershed HUC# (if known) **120301020607,120301020706,120301020705**

Drainage area (Square miles, est.) **4** Goal(s) **03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **1,107** # of structures **18** Critical facilities **2**

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

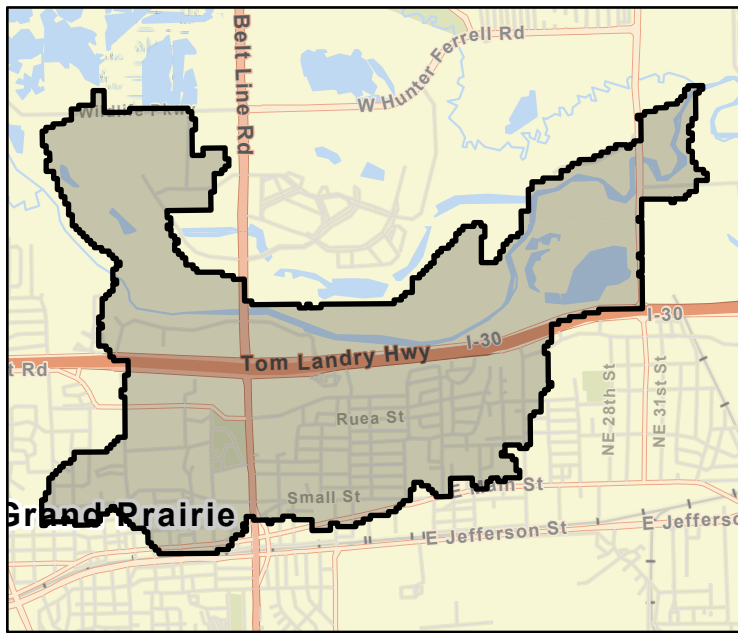
Farm/Ranch land impacted (acres) **161** Roadway(s) impacted (length) **3**

Number of low water crossings **0** Historical road closures **-**

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **25,000** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Duncan Perry Rd at Johnson Creek**

ID# **031000193**

Sponsor (name of entity, not person) **Grand Prairie**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Study Details

Study type **Project Planning**

Study description **Study update - Channel Improvements; Estimated construction cost of \$5,374,200**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Dallas, Tarrant** Watershed HUC# (if known) **120301020606,120301020607,120301020706,120301020701,120301020**

Drainage area (Square miles, est.) **21** Goal(s) **03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **4,090** # of structures **405** Critical facilities **8**

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

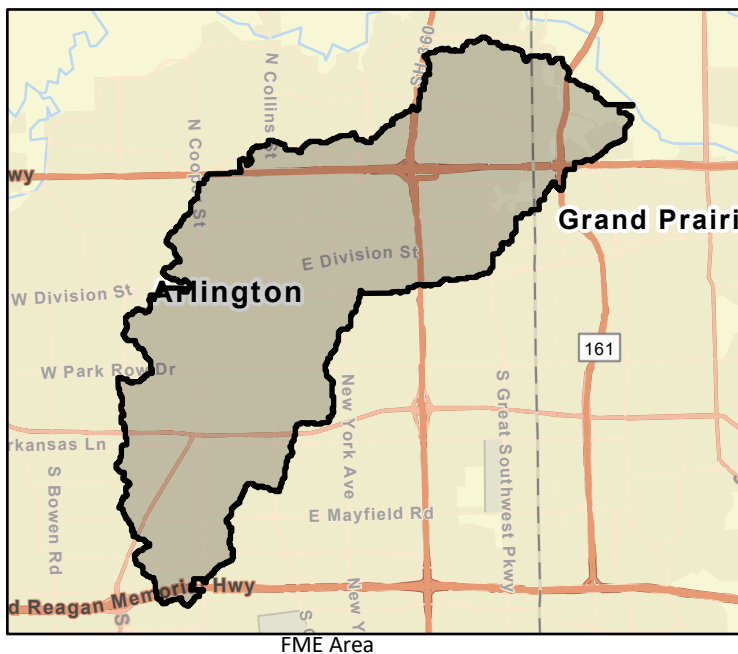
Farm/Ranch land impacted (acres) **50** Roadway(s) impacted (length) **13**

Number of low water crossings **16** Historical road closures **-**

Estimated Cost and Funding Availability

Total Cost **\$269,000** Amount of Available Funding **26,900** Federal funding availability **Yes**

Funding source **Local, State**



Flood Management Evaluation (FME)



Title **Great Southwest Parkway at Cottonwood Creek Bridge and Roadway Raising Improvements (Stream Station 104+64)**

ID# **031000194**

Sponsor (name of entity, not person) **Grand Prairie**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Study Details

Study type **Project Planning**

Study description **Study update - Channel Improvements; Estimated construction cost of \$9,538,300**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Dallas, Tarrant** Watershed HUC# (if known) **120301020607,120301020706,120301020702**

Drainage area (Square miles, est.) **6** Goal(s) **03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **350** # of structures **61** Critical facilities **1**

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

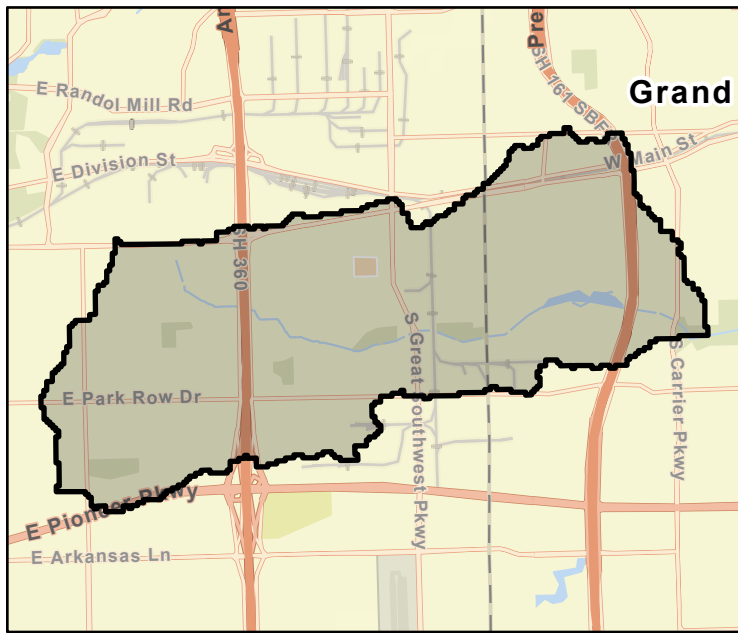
Farm/Ranch land impacted (acres) **16** Roadway(s) impacted (length) **3**

Number of low water crossings **5** Historical road closures **-**

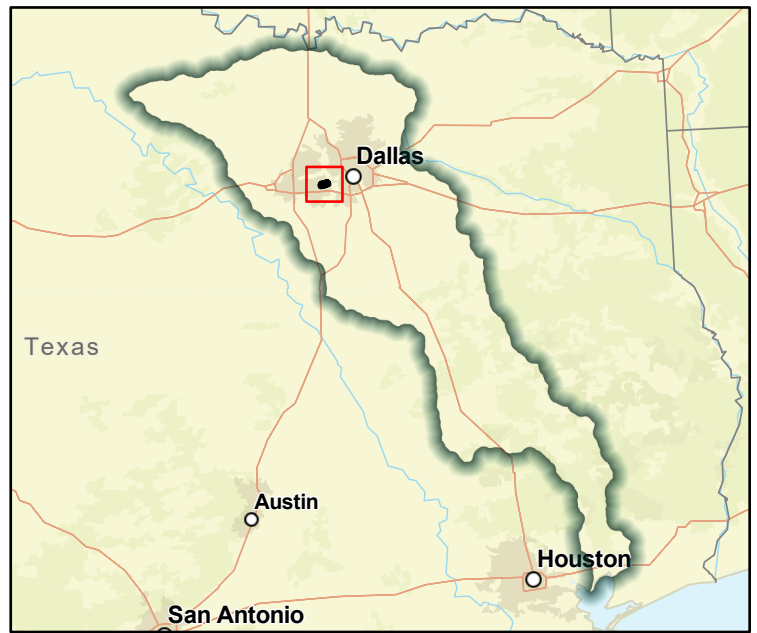
Estimated Cost and Funding Availability

Total Cost **\$477,000** Amount of Available Funding **47,700** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area