

# Flood Management Evaluation (FME)



Title **Marshall Drive from Emerald to SW 3rd**

ID# **031000210**

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 - Storm Drain Improvements; \$3,603,100**

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

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

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

## 100-Year Flood Risk Summary

Population at risk **433** # of structures **42** Critical facilities **0**

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

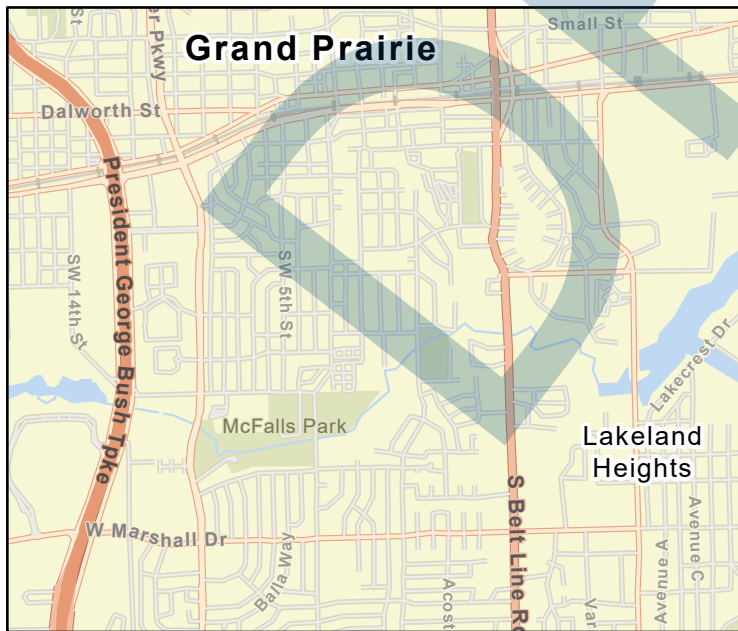
Farm/Ranch land impacted (acres) **8** Roadway(s) impacted (length) **1**

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

## Estimated Cost and Funding Availability

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

Funding source **-**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title Varsity Drive and Christy St from Varsity to Mountain Creek Lake

ID# 031000211

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 - Storm Drain Improvements; \$4,768,500

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

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

Drainage area (Square miles, est.) 8 Goal(s) 03000031, 03000032

## 100-Year Flood Risk Summary

Population at risk 23 # of structures 7 Critical facilities 0

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

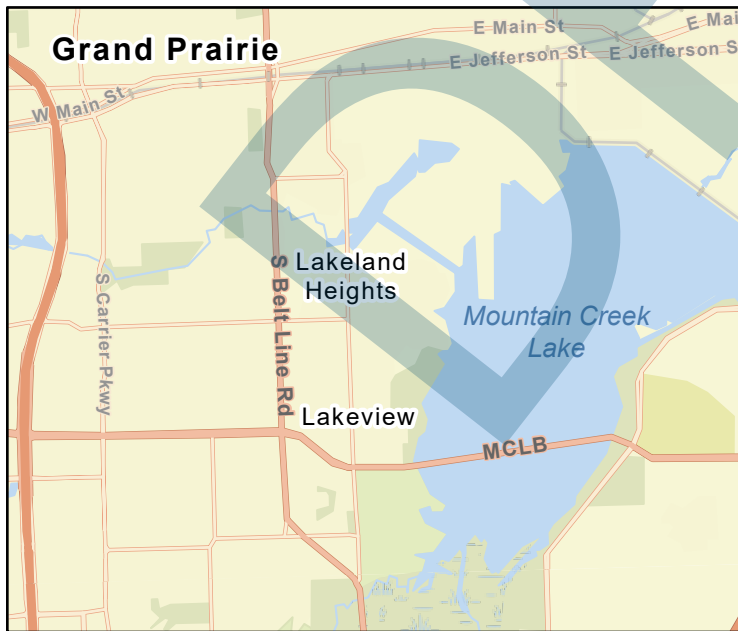
Farm/Ranch land impacted (acres) 31 Roadway(s) impacted (length) 1

Number of low water crossings 2 Historical road closures -

## Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding - Federal funding availability -

Funding source -



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title SE 10th Street and Avion Parkway from Perman South to Culvert Crossing

ID# 031000212

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 - Storm Drain Improvements; \$1,158,400

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

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

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

## 100-Year Flood Risk Summary

Population at risk 433 # of structures 42 Critical facilities 0

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

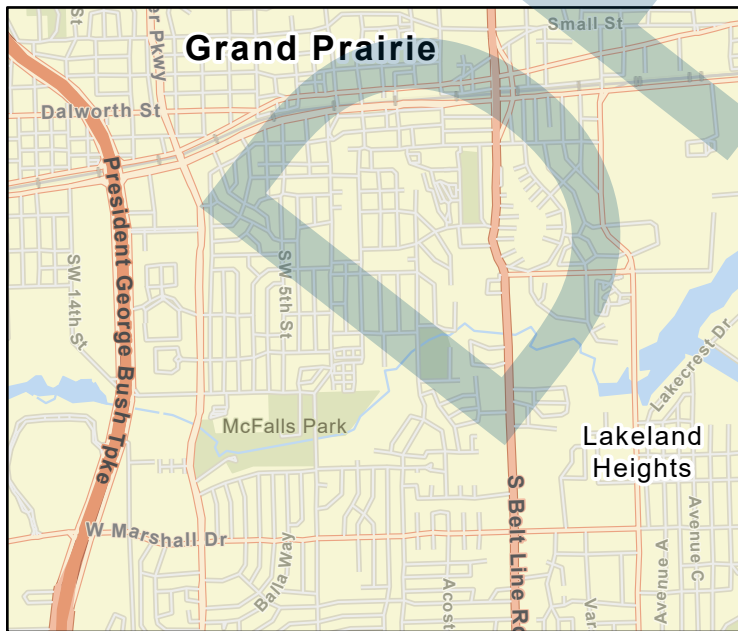
Farm/Ranch land impacted (acres) 8 Roadway(s) impacted (length) 1

Number of low water crossings 2 Historical road closures -

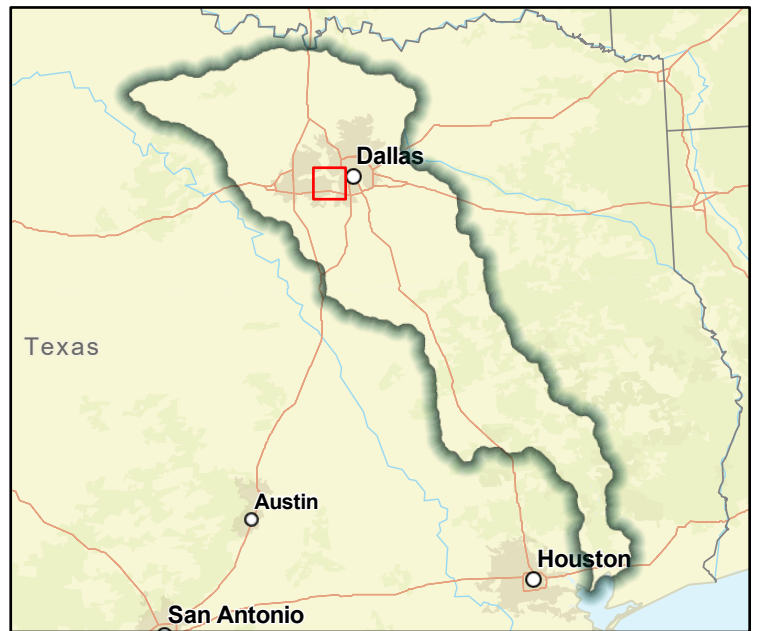
## Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding - Federal funding availability -

Funding source -



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title SW 3rd Street from Dorris North to Concrete Channel

ID# 031000213

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 - Storm Drain Improvements; \$4,024,800

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

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

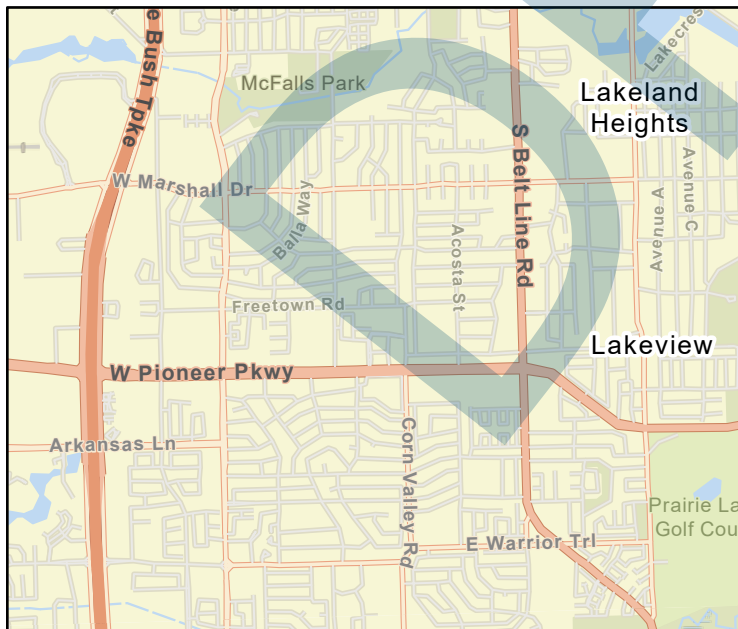
Farm/Ranch land impacted (acres) 3 Roadway(s) impacted (length) 0

Number of low water crossings 1 Historical road closures -

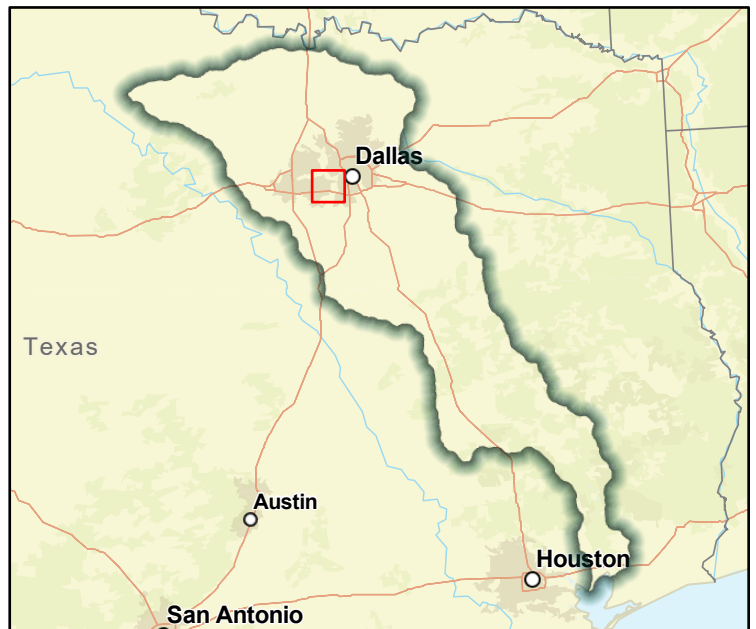
## Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding - Federal funding availability -

Funding source -



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Bowles St & Hensley Drive**

ID# **031000214**

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 - Storm Drain Improvements; \$1,295,700**

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

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

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

## 100-Year Flood Risk Summary

Population at risk **0** # of structures **5** Critical facilities **0**

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

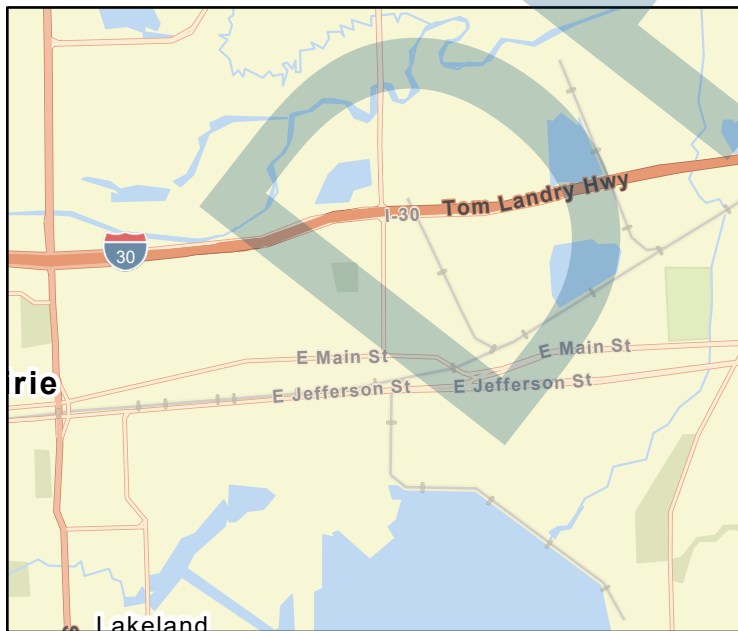
Farm/Ranch land impacted (acres) **10** Roadway(s) impacted (length) **1**

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

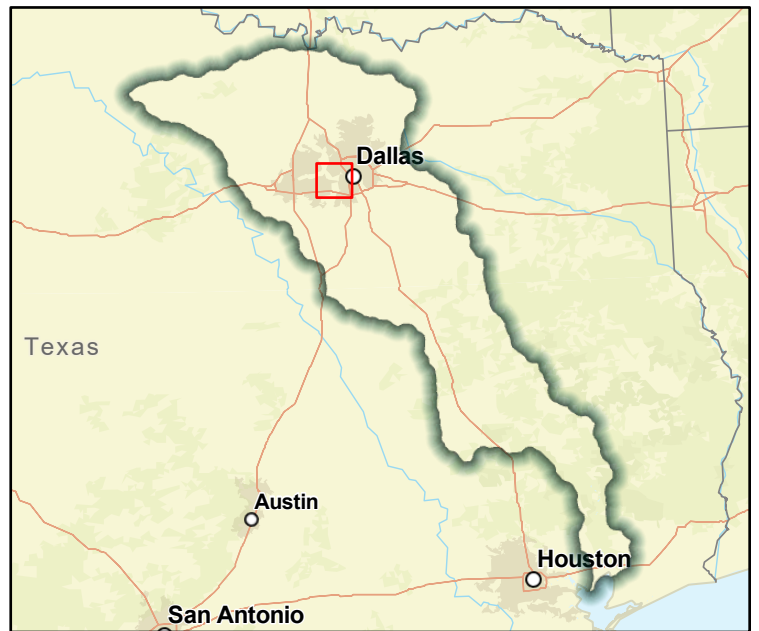
## Estimated Cost and Funding Availability

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

Funding source **-**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Manana Channel Improvements**

ID# **031000215**

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 - Storm Drain Improvements; \$967,600**

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

County **Dallas** Watershed HUC# (if known) **120301031006,120301020706,120301020705**

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

## 100-Year Flood Risk Summary

Population at risk **1,003** # of structures **75** Critical facilities **2**

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

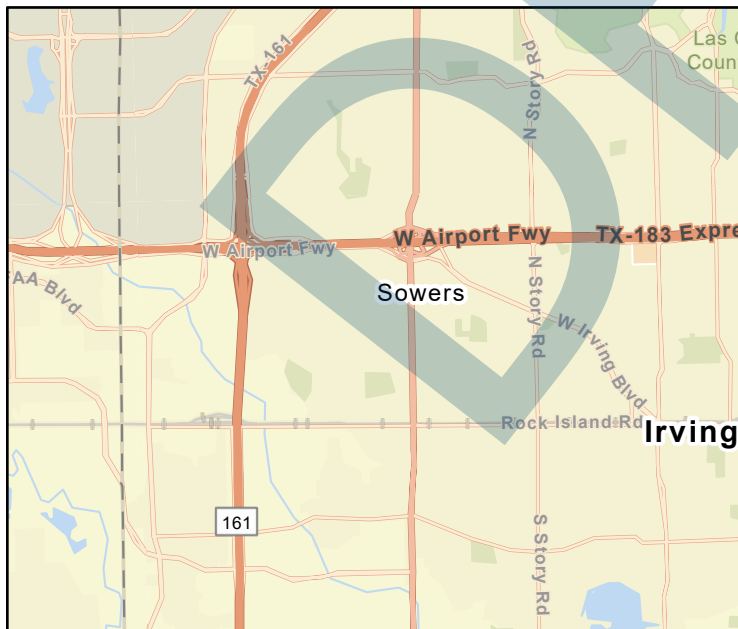
Farm/Ranch land impacted (acres) **1** Roadway(s) impacted (length) **1**

Number of low water crossings **4** Historical road closures **-**

## Estimated Cost and Funding Availability

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

Funding source **-**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

Title South of Bardin Rd and North of Newberry St

ID# 031000216

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 - Storm Drain Improvements; \$2,007,600

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

County Dallas Watershed HUC# (if known) 120301020606

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

## 100-Year Flood Risk Summary

Population at risk 314 # of structures 22 Critical facilities 0

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

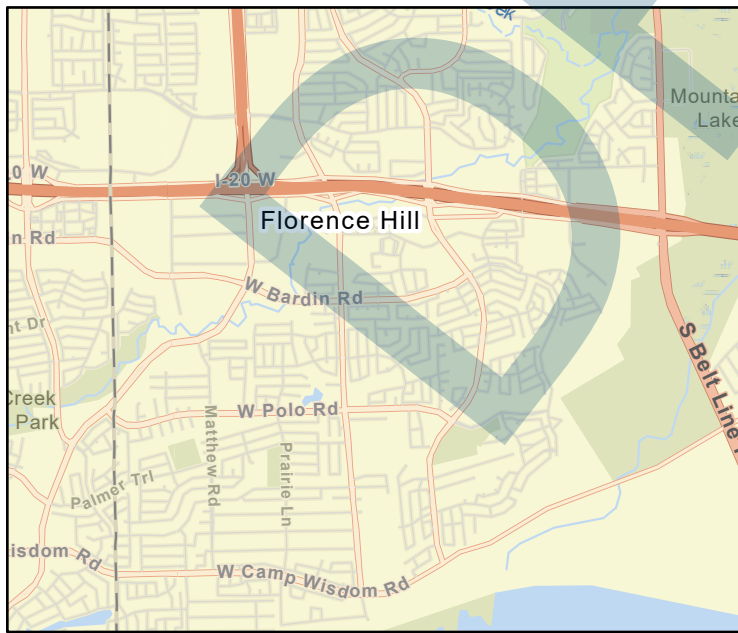
Farm/Ranch land impacted (acres) 27 Roadway(s) impacted (length) 1

Number of low water crossings 1 Historical road closures -

## Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding - Federal funding availability -

Funding source -



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title Cherokee Trace and Choctaw Trace to Clarice

ID# 031000217

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 - Storm Drain Improvements; \$2,715,600

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

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

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

## 100-Year Flood Risk Summary

Population at risk 433 # of structures 42 Critical facilities 0

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

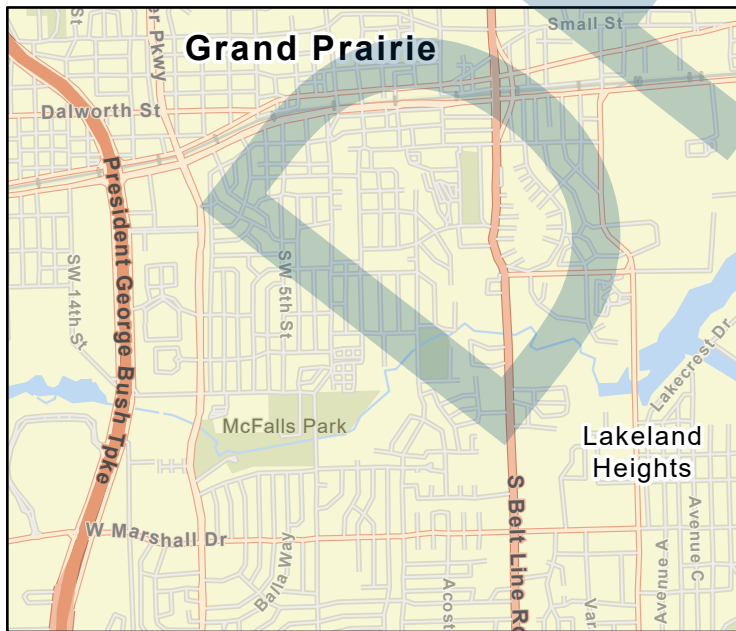
Farm/Ranch land impacted (acres) 8 Roadway(s) impacted (length) 1

Number of low water crossings 2 Historical road closures -

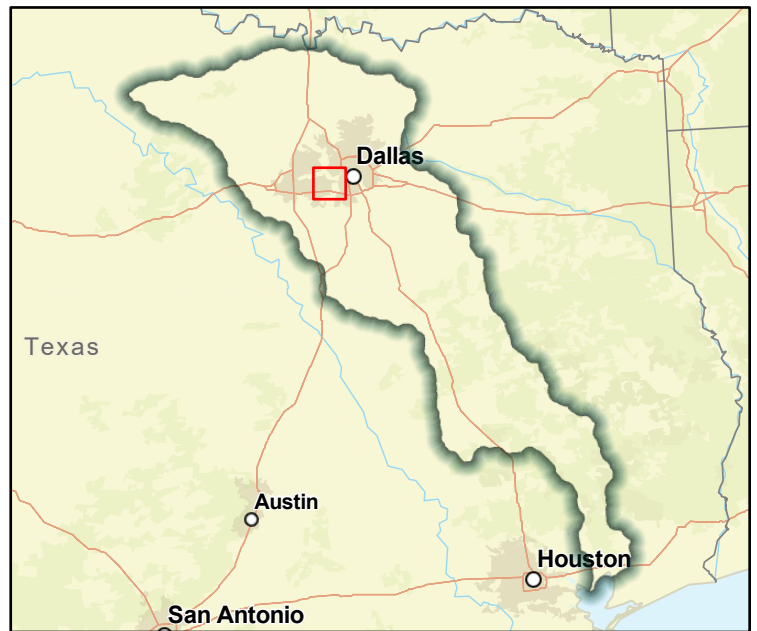
## Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding - Federal funding availability -

Funding source -



FME Area



Regional view of FME area



# Flood Management Evaluation (FME)



Title **Gilbert Rd Drainage Improvements**

ID# **031000218**

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 - Storm Drain Improvements; \$5,825,500**

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

County **Dallas** Watershed HUC# (if known) **120301031006,120301020706,120301020705**

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

## 100-Year Flood Risk Summary

Population at risk **1,003** # of structures **75** Critical facilities **2**

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

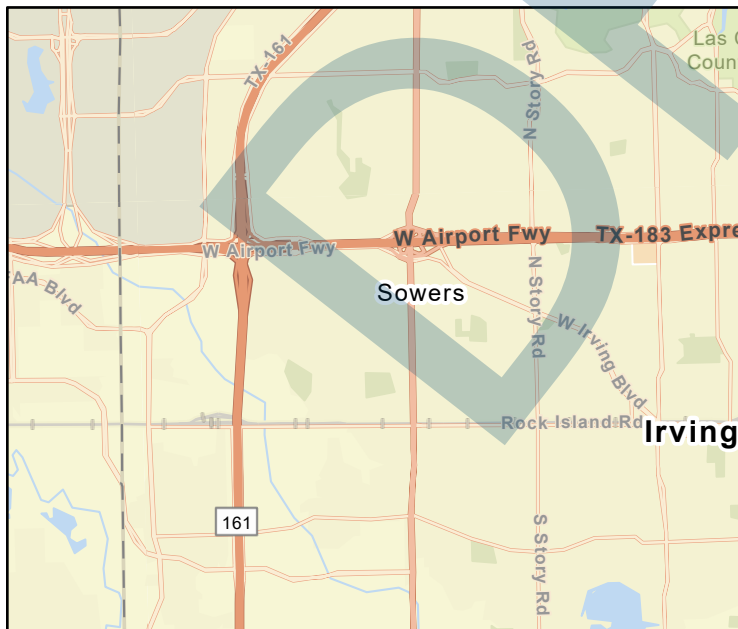
Farm/Ranch land impacted (acres) **1** Roadway(s) impacted (length) **1**

Number of low water crossings **4** Historical road closures **-**

## Estimated Cost and Funding Availability

Total Cost **\$291,000** Amount of Available Funding **-** Federal funding availability **-**

Funding source **-**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title 27th Street and Graham Street from Rinehart to Channel

ID# 031000219

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 - Storm Drain Improvements; \$1,419,800

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

County Dallas Watershed HUC# (if known) 120301050102,120301020706

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

## 100-Year Flood Risk Summary

Population at risk 102 # of structures 37 Critical facilities 5

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

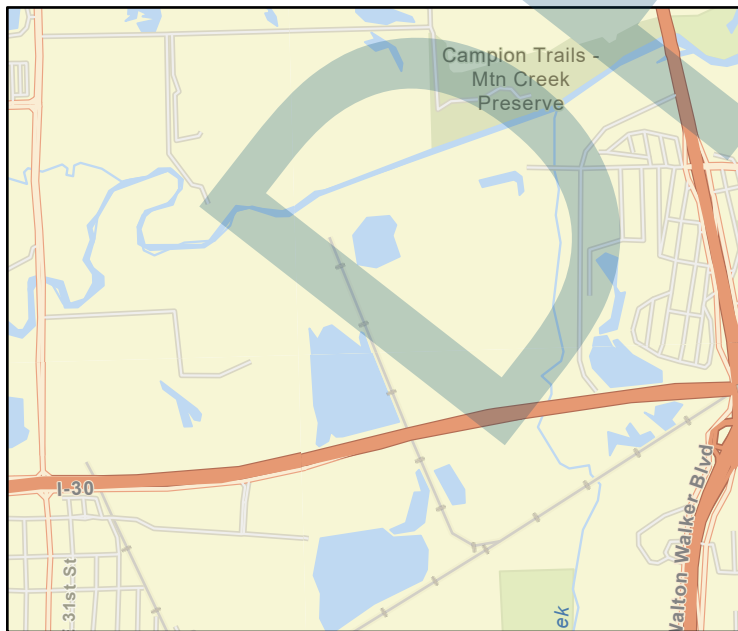
Farm/Ranch land impacted (acres) 144 Roadway(s) impacted (length) 1

Number of low water crossings 0 Historical road closures -

## Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding - Federal funding availability -

Funding source -



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title East Marshall Drive & Avenue C, East Coral & SE 14th Street and in SE 14th Street & Bogarte Drive

ID# 031000220

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 - Storm Drain Improvements; \$6,399,100

New Hydrologic or Hydraulic model? -

Emergency Need? No

Existing/Anticipated models in near term? -

County Dallas

Watershed HUC# (if known) 120301020606,120301020607,120301020706

Drainage area (Square miles, est.) 5

Goal(s) 03000031, 03000032

## 100-Year Flood Risk Summary

Population at risk 0

# of structures 3

Critical facilities 0

Flood risk type: Riverine? Yes

Coastal? No

Local? No

Playa? No

Other? No

Farm/Ranch land impacted (acres) 28

Roadway(s) impacted (length) 1

Number of low water crossings 1

Historical road closures -

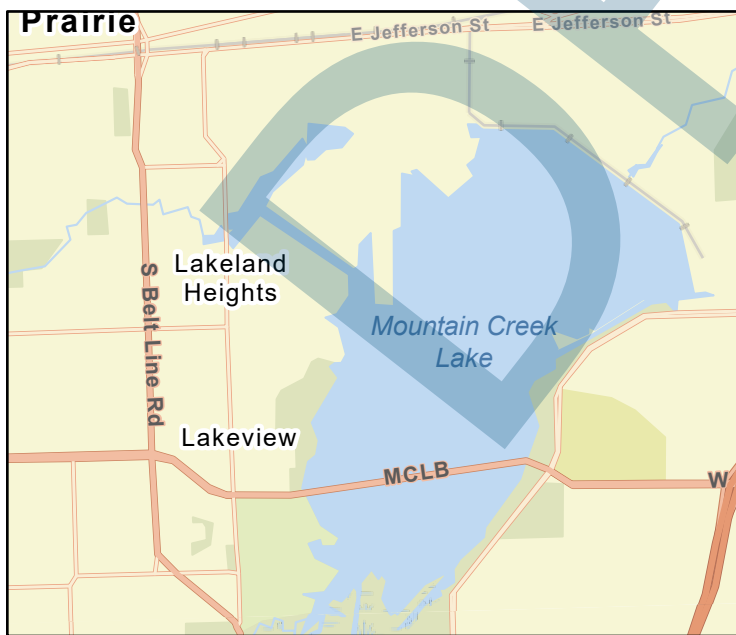
## Estimated Cost and Funding Availability

Total Cost \$320,000

Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Lakeview Drive & SE 14th Street**  
 ID# **031000221**  
 Sponsor (name of entity, not person) **Grand Prairie**  
 RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

## Study Details

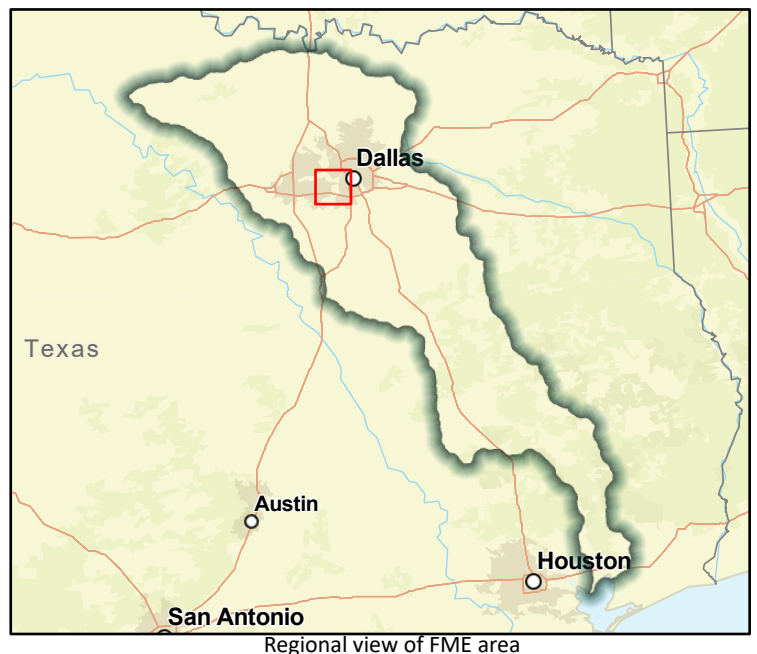
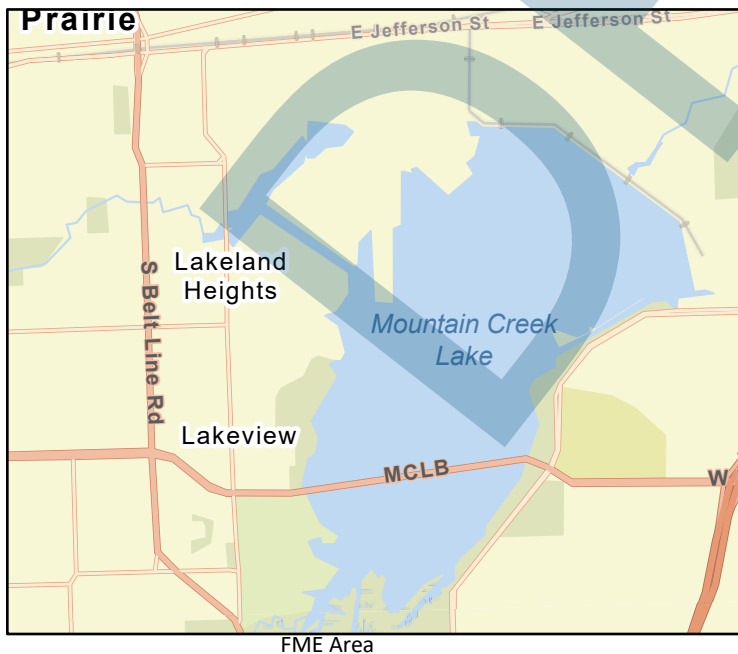
Study type **Project Planning**  
 Study description **Study update - Storm Drain Improvements; \$3,570,700**  
 New Hydrologic or Hydraulic model? **-** Emergency Need? **No** Existing/Anticipated models in near term? **-**  
 County **Dallas** Watershed HUC# (if known) **120301020606,120301020607,120301020706**  
 Drainage area (Square miles, est.) **5** Goal(s) **03000031, 03000032**

## 100-Year Flood Risk Summary

Population at risk **0** # of structures **3** Critical facilities **0**  
 Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**  
 Farm/Ranch land impacted (acres) **28** Roadway(s) impacted (length) **1**  
 Number of low water crossings **1** Historical road closures **-**

## Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **-** Federal funding availability **-**  
 Funding source **-**



# Flood Management Evaluation (FME)



Title WE Roberts St & SW 16th St  
 ID# 031000222  
 Sponsor (name of entity, not person) Grand Prairie  
 RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance

## Study Details

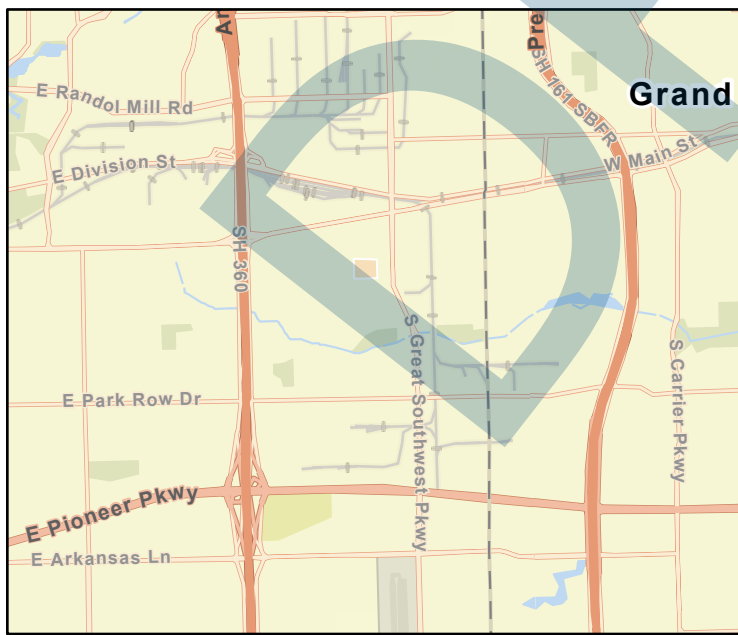
Study type Project Planning  
 Study description Study update - Storm Drain Improvements; \$1,625,900  
 New Hydrologic or Hydraulic model? - Emergency Need? No Existing/Anticipated models in near term? -  
 County Dallas Watershed HUC# (if known) 120301020607,120301020706,120301020702  
 Drainage area (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 \$250,000 Amount of Available Funding - Federal funding availability -  
 Funding source -



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Jelmak Rd - Hardrock Rd**

ID# **031000223**

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 - Storm Drain Improvements; \$5,095,800**

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

County **Dallas** Watershed HUC# (if known) **120301020701,120301020705**

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

## 100-Year Flood Risk Summary

Population at risk **1,761** # of structures **140** Critical facilities **0**

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

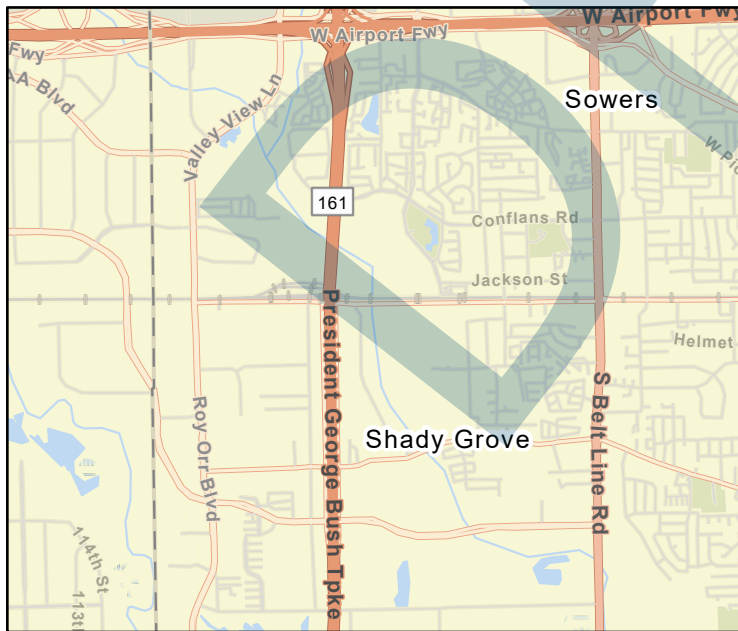
Farm/Ranch land impacted (acres) **169** Roadway(s) impacted (length) **5**

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

## Estimated Cost and Funding Availability

Total Cost **\$255,000** Amount of Available Funding **-** Federal funding availability **-**

Funding source **-**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title Shady Grove Rd, Gilbert Rd, Wright Blvd

ID# 031000224

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 - Storm Drain Improvements; \$2,860,900

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

County Dallas Watershed HUC# (if known) 120301031006,120301020706,120301020701,120301020705

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

## 100-Year Flood Risk Summary

Population at risk 2,764 # of structures 215 Critical facilities 2

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

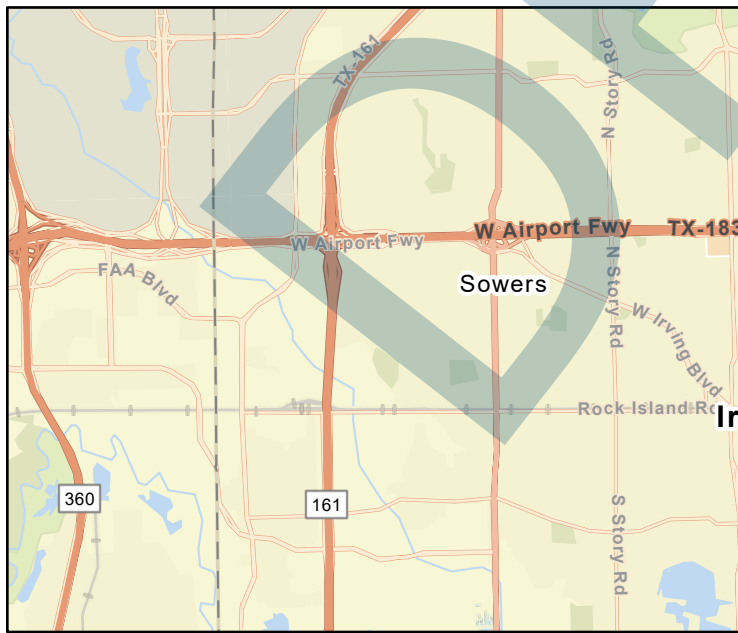
Farm/Ranch land impacted (acres) 170 Roadway(s) impacted (length) 6

Number of low water crossings 4 Historical road closures -

## Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding - Federal funding availability -

Funding source -



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title Parker Rd - Hardrock Rd

ID# 031000225

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 - Storm Drain Improvements; \$5,760,800

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

County Dallas Watershed HUC# (if known) 120301020706,120301020701,120301020705

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

## 100-Year Flood Risk Summary

Population at risk 2,782 # of structures 165 Critical facilities 0

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

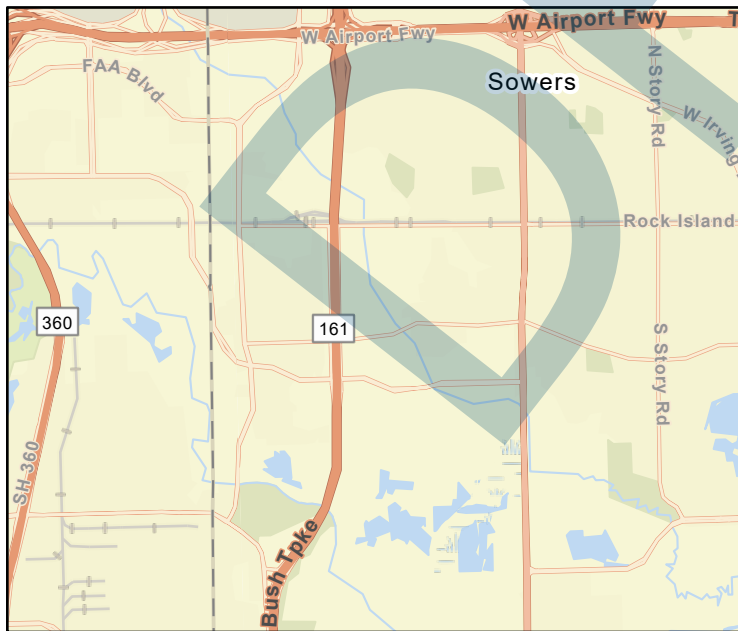
Farm/Ranch land impacted (acres) 265 Roadway(s) impacted (length) 6

Number of low water crossings 0 Historical road closures -

## Estimated Cost and Funding Availability

Total Cost \$288,000 Amount of Available Funding - Federal funding availability -

Funding source -



FME Area



Regional view of FME area



# Flood Management Evaluation (FME)



Title North Carrier Parkway & Main St to Dalworth Creek Channel

ID# 031000226

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 - Storm Drain Improvements; \$8,803,700

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

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

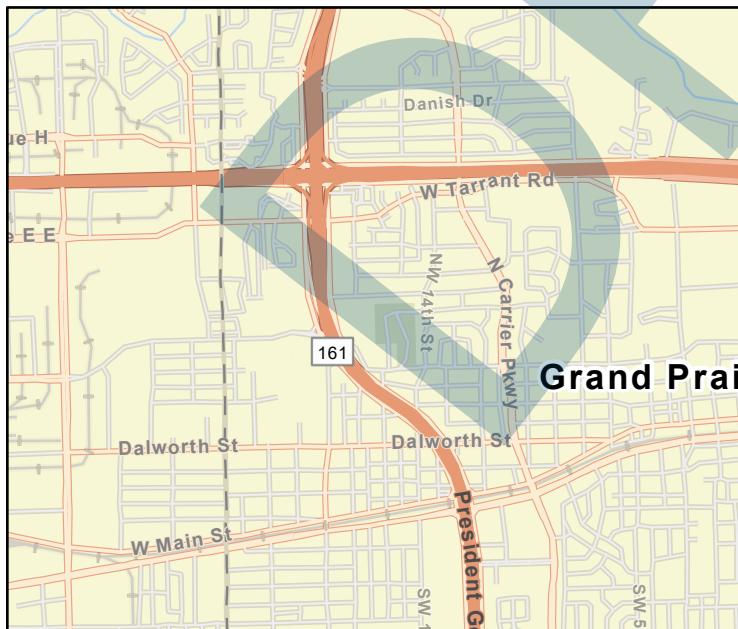
Farm/Ranch land impacted (acres) 10 Roadway(s) impacted (length) 1

Number of low water crossings 5 Historical road closures -

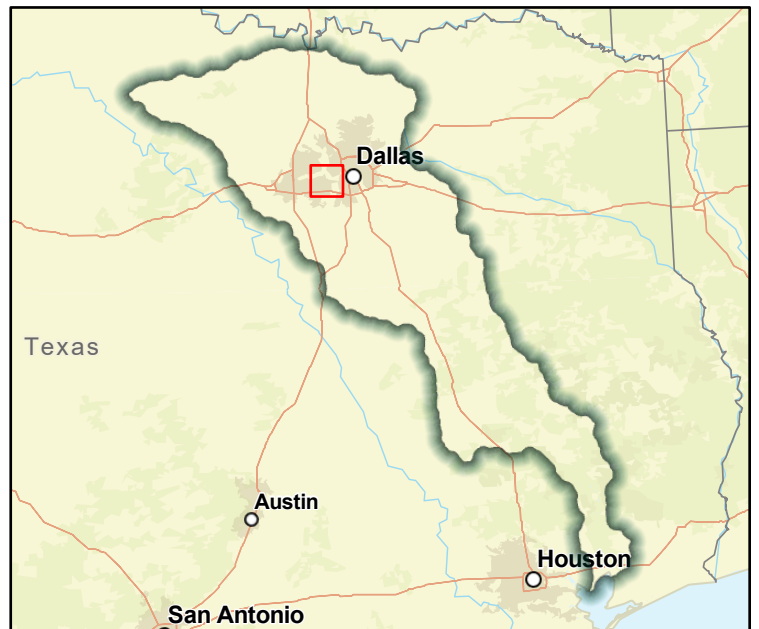
## Estimated Cost and Funding Availability

Total Cost \$440,000 Amount of Available Funding - Federal funding availability -

Funding source -



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title Pioneer Parkway from Brady to Plattner Creek (TXDOT)

ID# 031000227

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 - Storm Drain Improvements; \$9,511,900

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

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

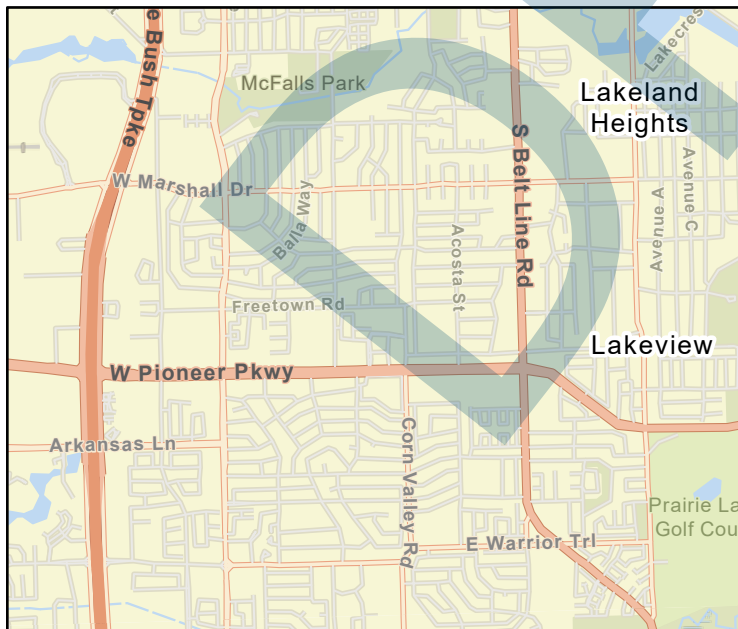
Farm/Ranch land impacted (acres) 3 Roadway(s) impacted (length) 0

Number of low water crossings 1 Historical road closures -

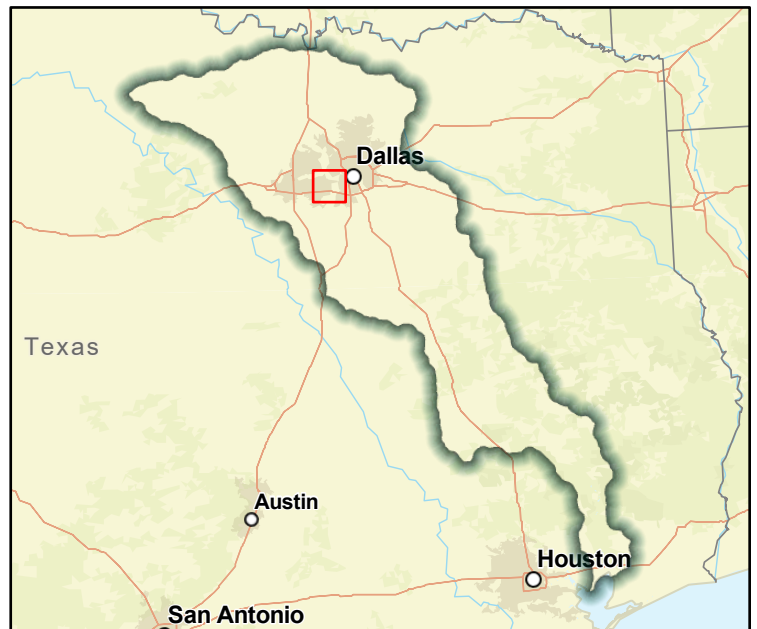
## Estimated Cost and Funding Availability

Total Cost \$476,000 Amount of Available Funding - Federal funding availability -

Funding source -



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title NW 24th St & NW 23rd St from West Main to Ditch Near Dalworth St and Doreen St

ID# 031000228

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 - Storm Drain Improvements; \$5,982,600

New Hydrologic or Hydraulic model? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 5

Historical road closures -

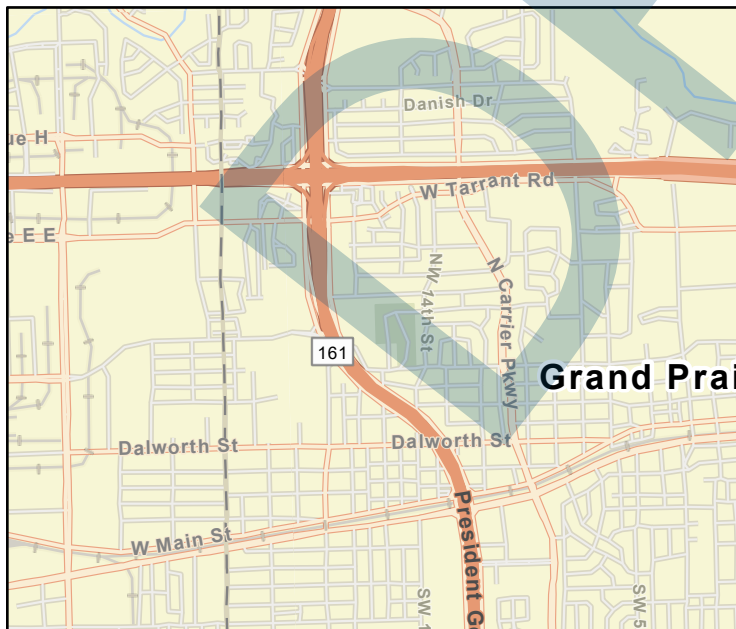
## Estimated Cost and Funding Availability

Total Cost \$299,000

Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Detention Basin at St. Michael's Church Vacant Property and Relief Storm Drains in Corn Valley Rd and Neighboring Streets from Santa Anna to Kirby Creek Channel**

ID# **031000229**

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 - Storm Drain Improvements; \$18,766,400**

New Hydrologic or Hydraulic model? **-**

Emergency Need? **No**

Existing/Anticipated models in near term? **-**

County **Dallas**

Watershed HUC# (if known) **120301020606,120301020607,120301020706**

Drainage area (Square miles, est.) **12**

Goal(s) **03000031, 03000032**

## 100-Year Flood Risk Summary

Population at risk **27**

# of structures **10**

Critical facilities **0**

Flood risk type: Riverine? **Yes**

Coastal? **No**

Local? **No**

Playa? **No**

Other? **No**

Farm/Ranch land impacted (acres) **61**

Roadway(s) impacted (length) **1**

Number of low water crossings **4**

Historical road closures **-**

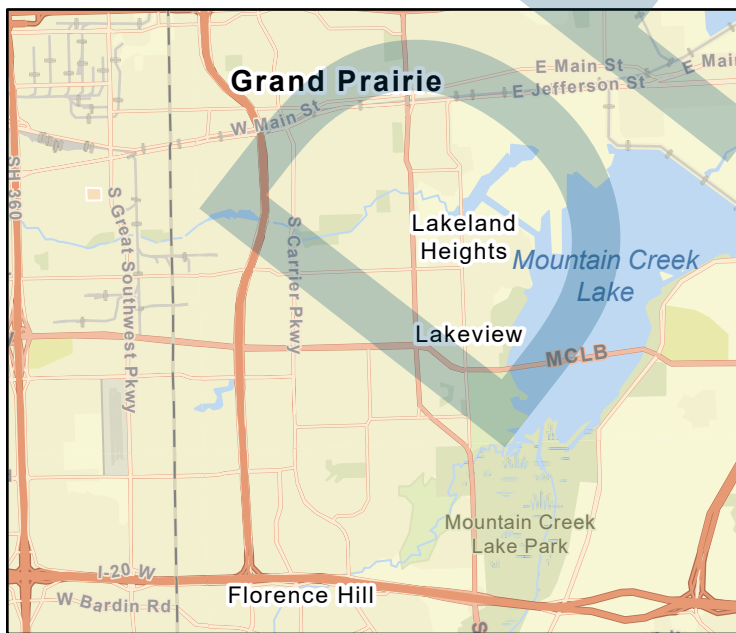
## Estimated Cost and Funding Availability

Total Cost **\$938,000**

Amount of Available Funding **-**

Federal funding availability **-**

Funding source **-**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title River Ridge Boulevard

ID# 031000230

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 - Storm Drain Improvements; \$6,148,800

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

County Dallas Watershed HUC# (if known) 120301020706,120301020701,120301020702,120301020705

Drainage area (Square miles, est.) 8 Goal(s) 03000031, 03000032

## 100-Year Flood Risk Summary

Population at risk 599 # of structures 32 Critical facilities 0

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

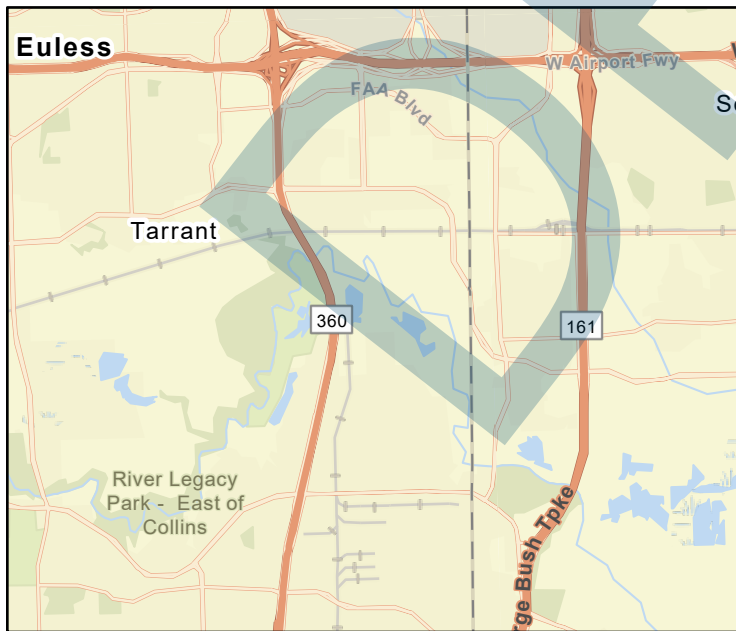
Farm/Ranch land impacted (acres) 197 Roadway(s) impacted (length) 6

Number of low water crossings 4 Historical road closures -

## Estimated Cost and Funding Availability

Total Cost \$307,000 Amount of Available Funding - Federal funding availability -

Funding source -



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title East Grand Prairie Rd & 14th Street from Austin to Ditch South of Skyline

ID# 031000231

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 - Storm Drain Improvements; \$8,549,300

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

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

Drainage area (Square miles, est.) 5 Goal(s) 03000009, 03000010, 03000031, 03000032

## 100-Year Flood Risk Summary

Population at risk 0 # of structures 3 Critical facilities 0

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

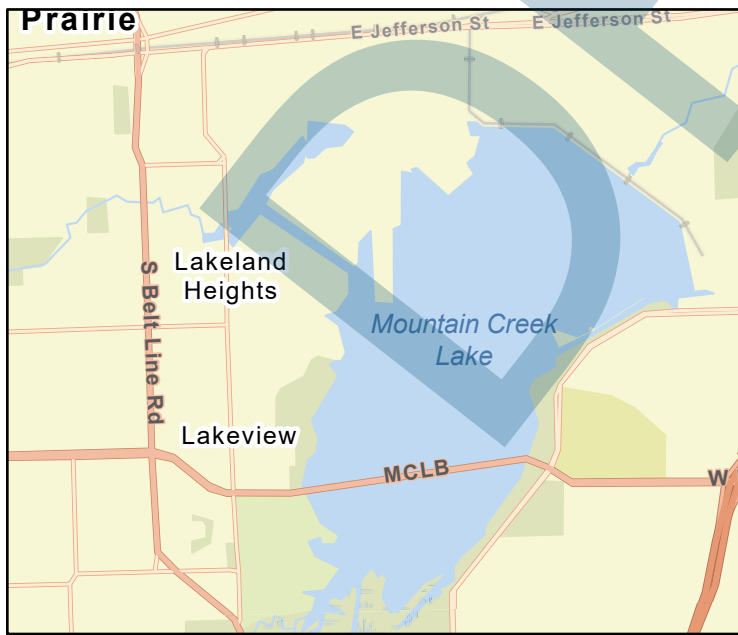
Farm/Ranch land impacted (acres) 28 Roadway(s) impacted (length) 1

Number of low water crossings 1 Historical road closures -

## Estimated Cost and Funding Availability

Total Cost \$427,000 Amount of Available Funding - Federal funding availability -

Funding source -



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Shady Grove Rd**

ID# **031000232**

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 - Storm Drain Improvements; \$6,737,200**

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

County **Dallas** Watershed HUC# (if known) **120301020706,120301020701,120301020705**

Drainage area (Square miles, est.) **5** Goal(s) **03000009, 03000010, 03000031, 03000032**

## 100-Year Flood Risk Summary

Population at risk **2,782** # of structures **165** Critical facilities **0**

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

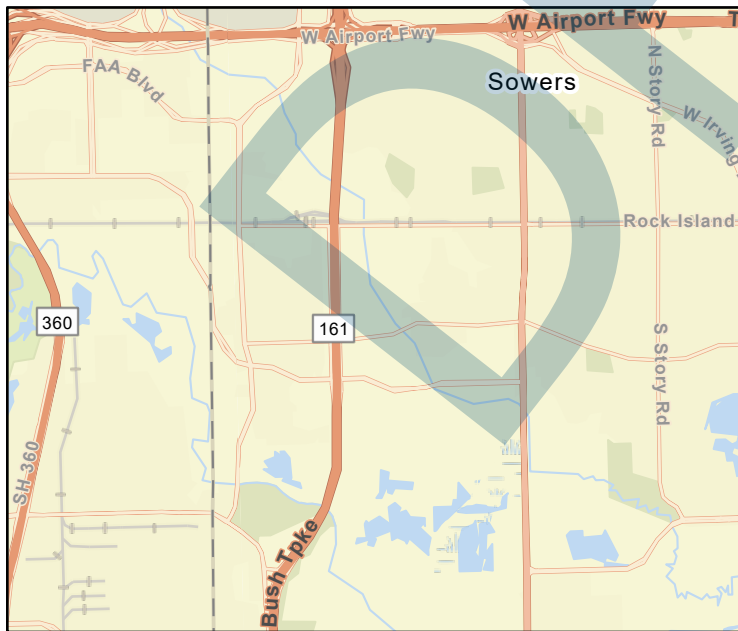
Farm/Ranch land impacted (acres) **265** Roadway(s) impacted (length) **6**

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

## Estimated Cost and Funding Availability

Total Cost **\$337,000** Amount of Available Funding **-** Federal funding availability **-**

Funding source **-**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title Various Streets and Alleys from Dallas Street West of NW 20th Street to Ditch Just South of WE Roberts Street

ID# 031000233

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 - Storm Drain Improvements; \$10,656,800

New Hydrologic or Hydraulic model? -

Emergency Need? No

Existing/Anticipated models in near term? -

County Dallas

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 -

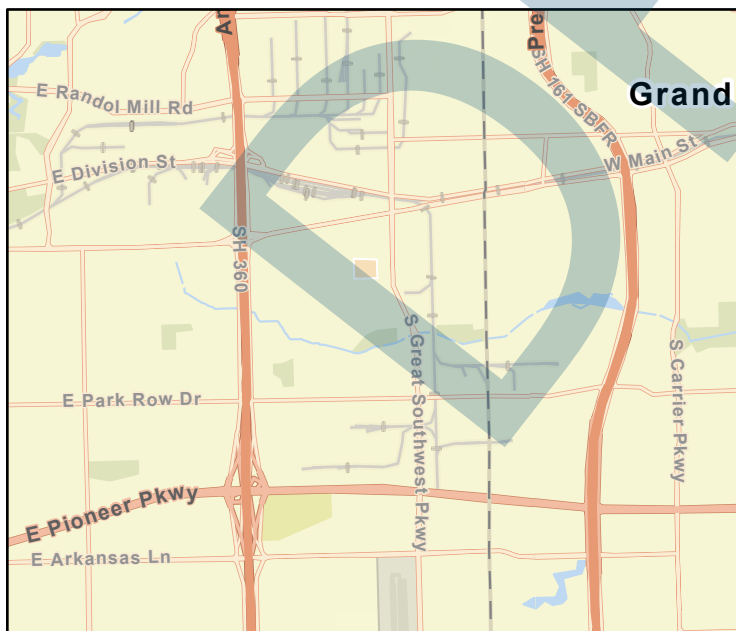
## Estimated Cost and Funding Availability

Total Cost \$533,000

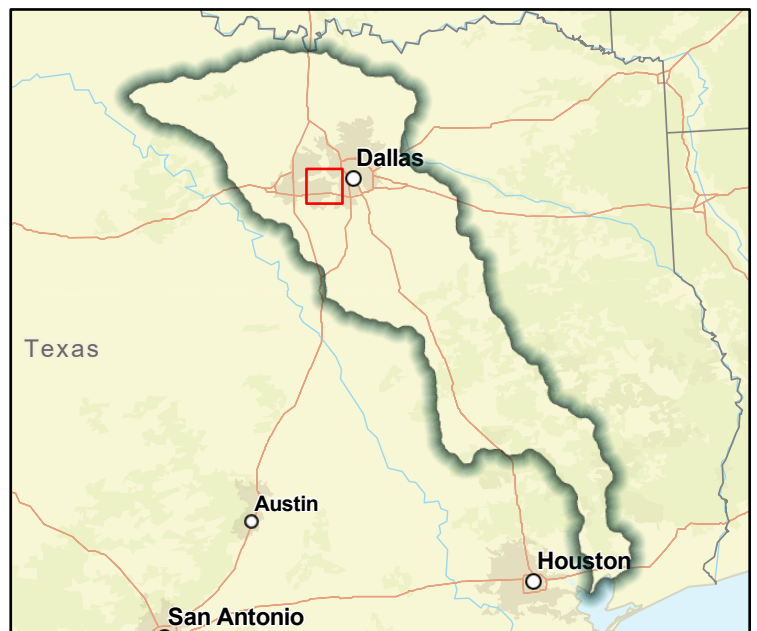
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area



# Flood Management Evaluation (FME)



Title South Great Southwest Parkway from Warrior to Kirby Creek Concrete Channel North of Mayfield

ID# 031000234

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 - Storm Drain Improvements; \$1,411,100

New Hydrologic or Hydraulic model? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 0

# of structures 1

Critical facilities 0

Flood risk type: Riverine? Yes

Coastal? No

Local? No

Playa? No

Other? No

Farm/Ranch land impacted (acres) 7

Roadway(s) impacted (length) 0

Number of low water crossings 2

Historical road closures -

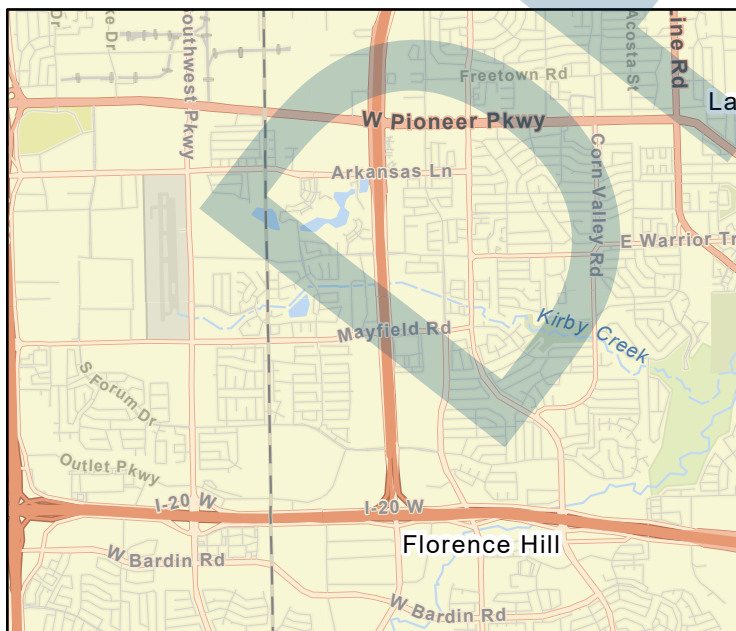
## Estimated Cost and Funding Availability

Total Cost \$250,000

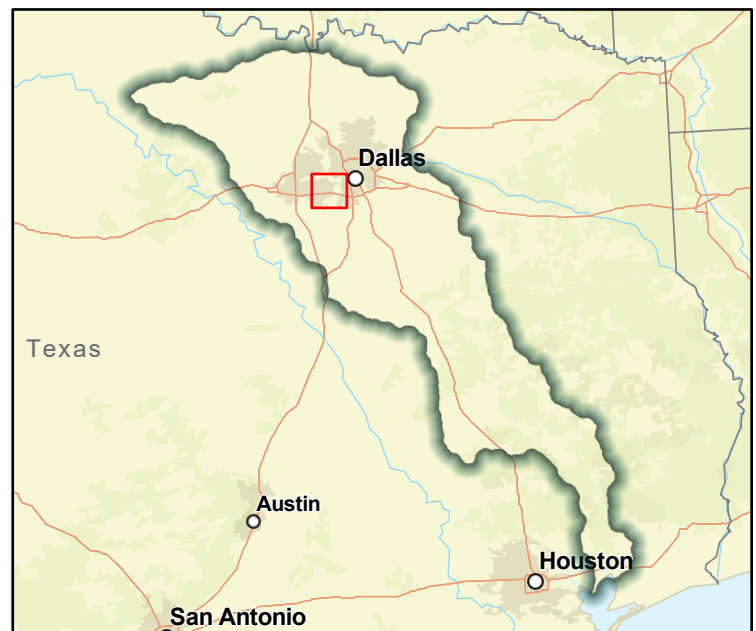
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title South Great Southwest Parkway from North of Forum Drive to Prairie Creek Channel

ID# 031000235

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 - Storm Drain Improvements; \$2,127,800

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

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

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

## 100-Year Flood Risk Summary

Population at risk 421 # of structures 25 Critical facilities 0

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

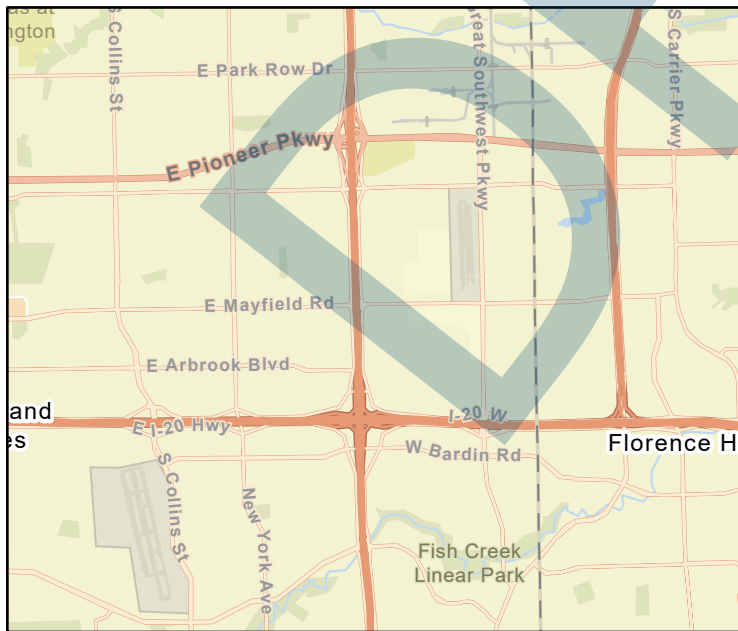
Farm/Ranch land impacted (acres) 8 Roadway(s) impacted (length) 4

Number of low water crossings 1 Historical road closures -

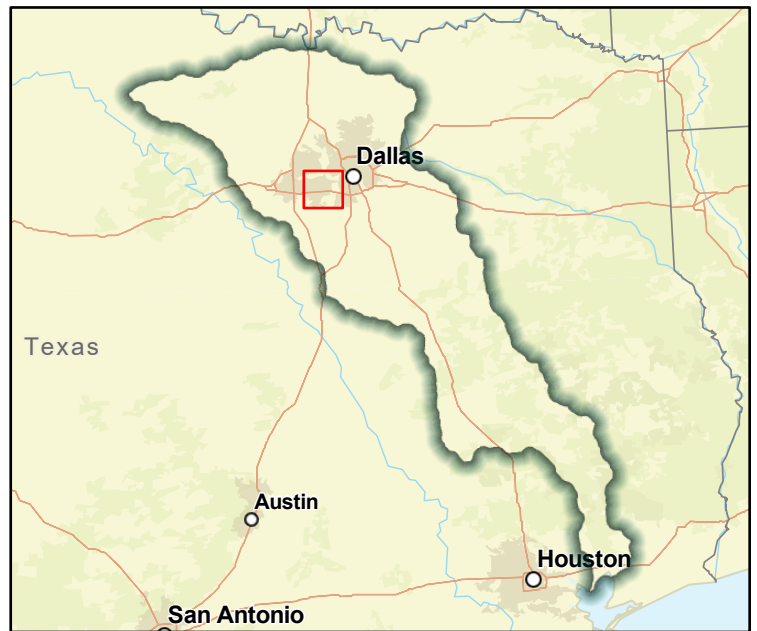
## Estimated Cost and Funding Availability

Total Cost \$344,000 Amount of Available Funding - Federal funding availability -

Funding source -



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title South Great Southwest Parkway from Sherman to Cottonwood Creek

ID# 031000236

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 - Storm Drain Improvements; \$6,881,500

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

County Dallas 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

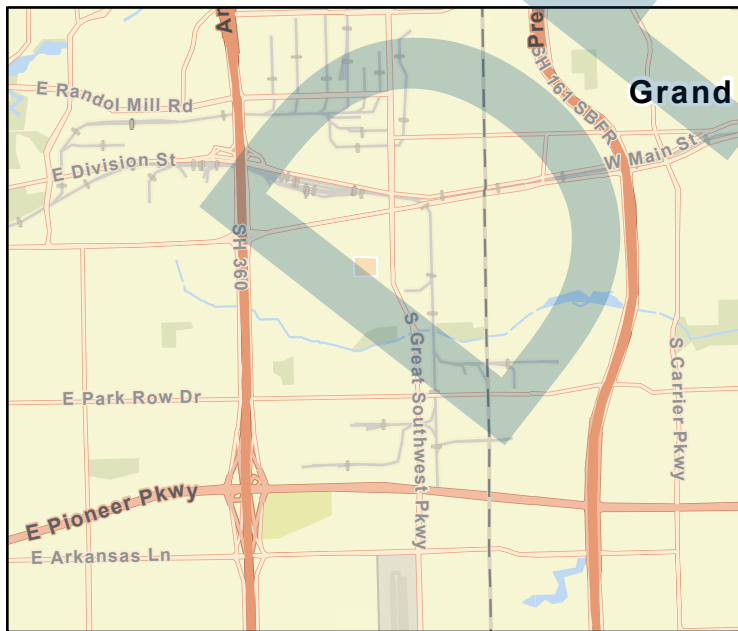
Farm/Ranch land impacted (acres) 16 Roadway(s) impacted (length) 3

Number of low water crossings 5 Historical road closures -

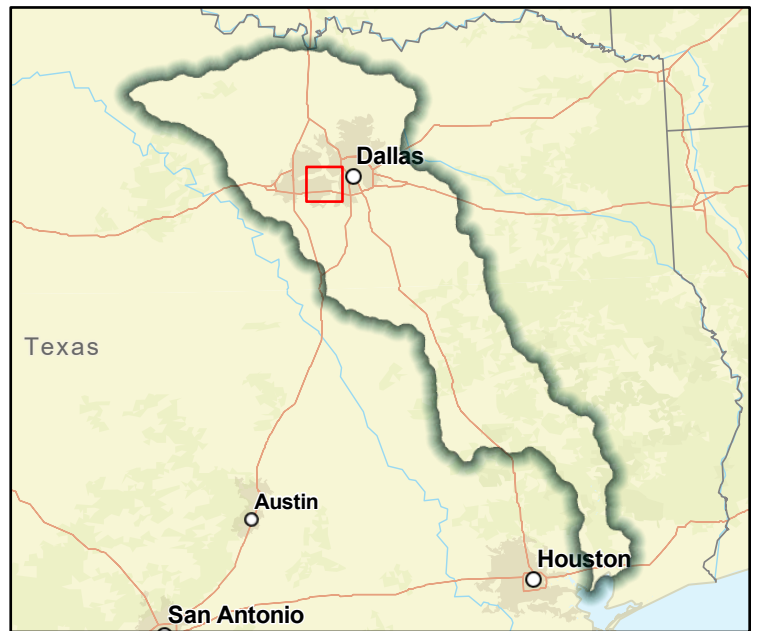
## Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding - Federal funding availability -

Funding source -



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Arbor Creek Pedestrian Bridge Repair and Channel Bottom Stabilization**

ID# **031000237**

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 **Evaluate the improvements needed along Arbor Creek, including the pedestrian bridge and channel stabilization: 270 feet south of Johnson Creek and 290 feet east of SH 161; \$270,900**

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

County **Dallas** 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 **7**

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

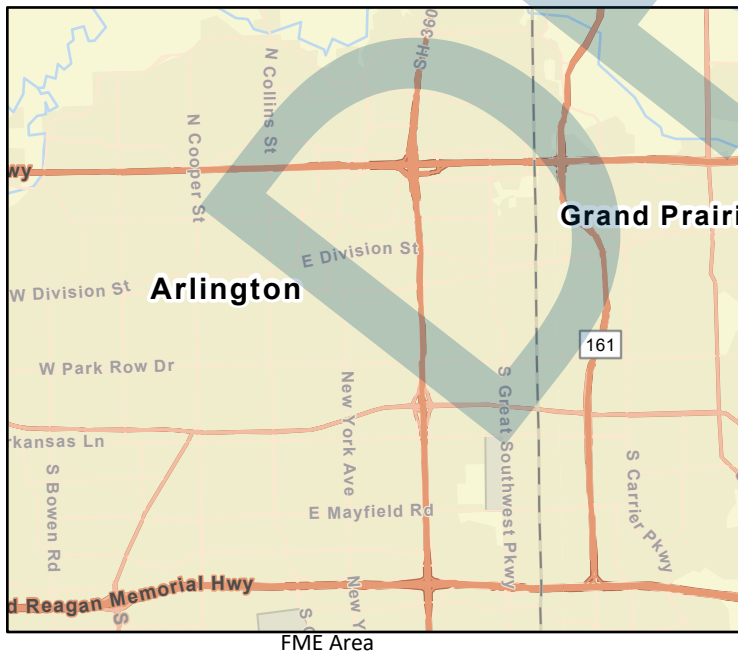
Farm/Ranch land impacted (acres) **56** Roadway(s) impacted (length) **13**

Number of low water crossings **24** Historical road closures **-**

## Estimated Cost and Funding Availability

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

Funding source **-**



# Flood Management Evaluation (FME)



Title **Gopher Creek Stream Bottom Stabilization**

ID# **031000238**

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 **Evaluate the improvements needed along Gopher Creek: downstream of NE 5th Street; between High School Drive and NE 5th Street; downstream of Belt Line Road; \$65,600 (?) + \$127,300; downstream of High School Drive; \$70,500**

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

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

Drainage area (Square miles, est.) **4** Goal(s) **03000027, 03000028, 03000031, 03000032**

## 100-Year Flood Risk Summary

Population at risk **1,107** # of structures **18** Critical facilities **0**

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

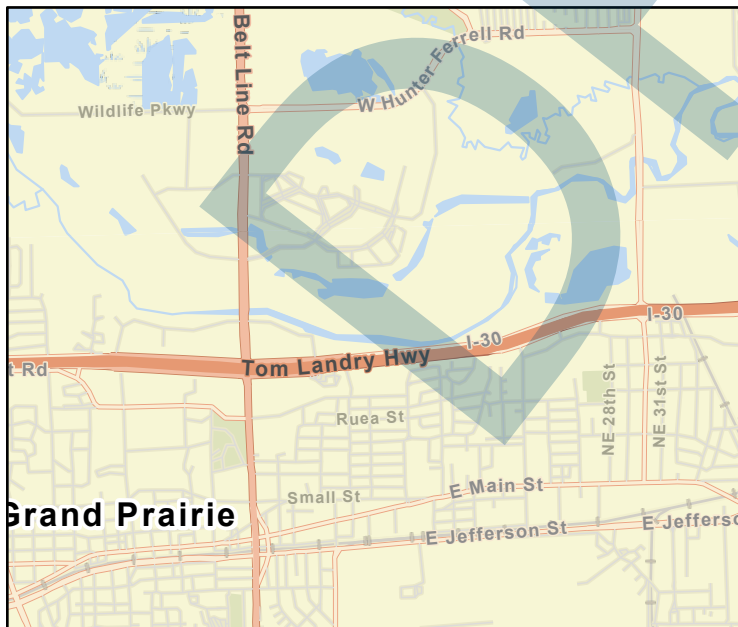
Farm/Ranch land impacted (acres) **161** Roadway(s) impacted (length) **3**

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

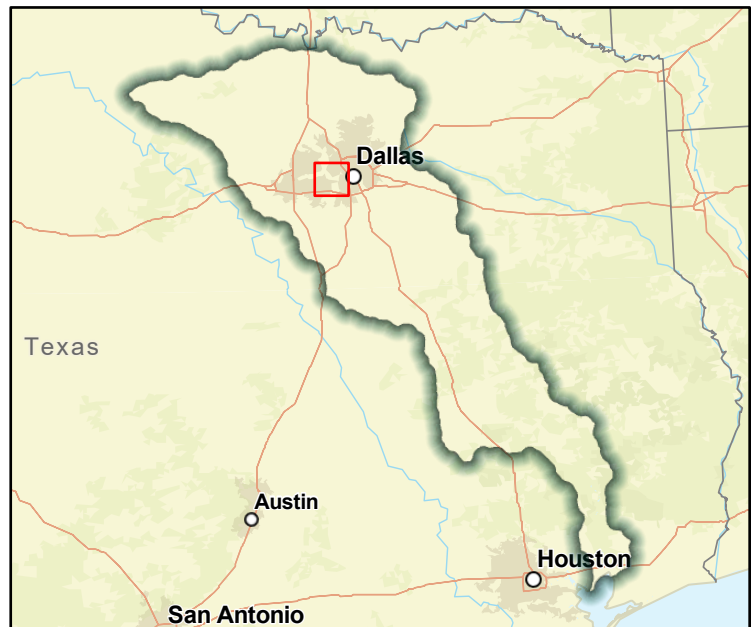
## Estimated Cost and Funding Availability

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

Funding source **-**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title Turner Branch Stream Bottom Stabilization

ID# 031000239

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 Evaluate the improvements needed along Turner Branch: 380 feet south of Small Hill Street to 450 feet north of East Tarrant Road; \$187,200 (?)

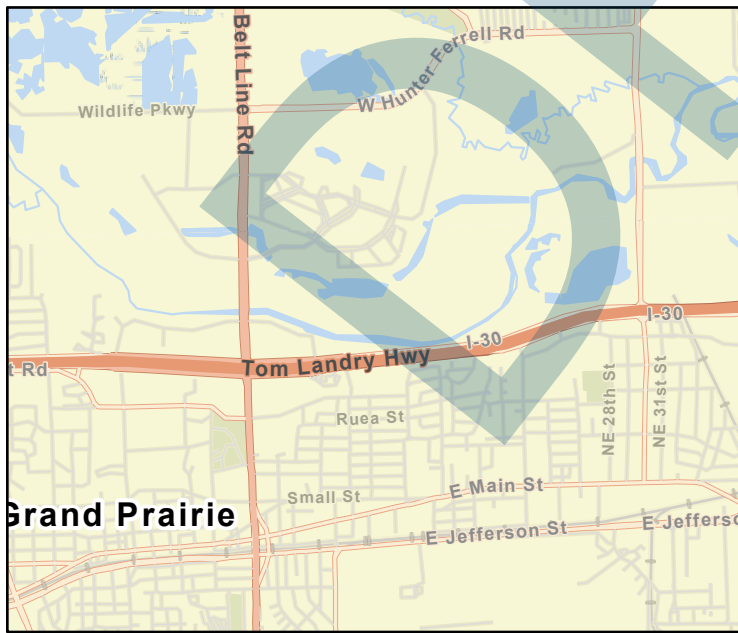
New Hydrologic or Hydraulic model? - Emergency Need? No Existing/Anticipated models in near term? -  
 County Dallas Watershed HUC# (if known) 120301020607,120301020706,120301020705  
 Drainage area (Square miles, est.) 4 Goal(s) 03000031, 03000032

## 100-Year Flood Risk Summary

Population at risk 1,107 # of structures 18 Critical facilities 0  
 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 - Federal funding availability -  
 Funding source -



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title Arbor Creek Channel Bottom Stabilization

ID# 031000240

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 Evaluate the improvements needed along Arbor Creek, including channelization, stabilization, and bank armoring from SH 161 East to Johnson Creek Confluence; \$2,096,900; from Duncan Perry to SH 161; \$991,600

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

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

Drainage area (Square miles, est.) 21 Goal(s) 03000027, 03000028, 03000031, 03000032

## 100-Year Flood Risk Summary

Population at risk 4,090 # of structures 405 Critical facilities 7

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

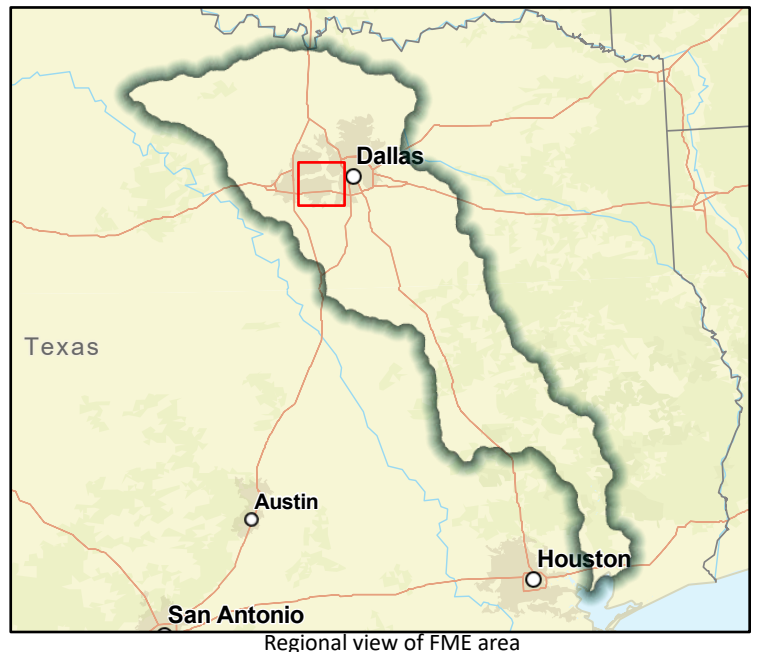
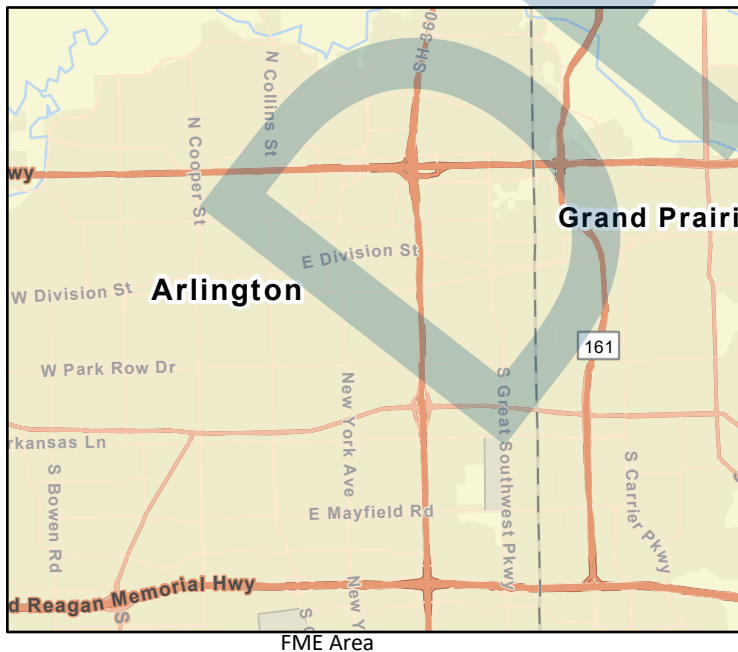
Farm/Ranch land impacted (acres) 50 Roadway(s) impacted (length) 13

Number of low water crossings 24 Historical road closures -

## Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding - Federal funding availability -

Funding source -



# Flood Management Evaluation (FME)



Title **North Fork of Cottonwood Creek Stabilization**

ID# **031000241**

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 **Evaluate the improvements needed along the North Fork of Cottonwood Creek: from Great Southwest to Carrier; \$214,900**

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

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

Drainage area (Square miles, est.) **6** Goal(s) **03000027, 03000028, 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**

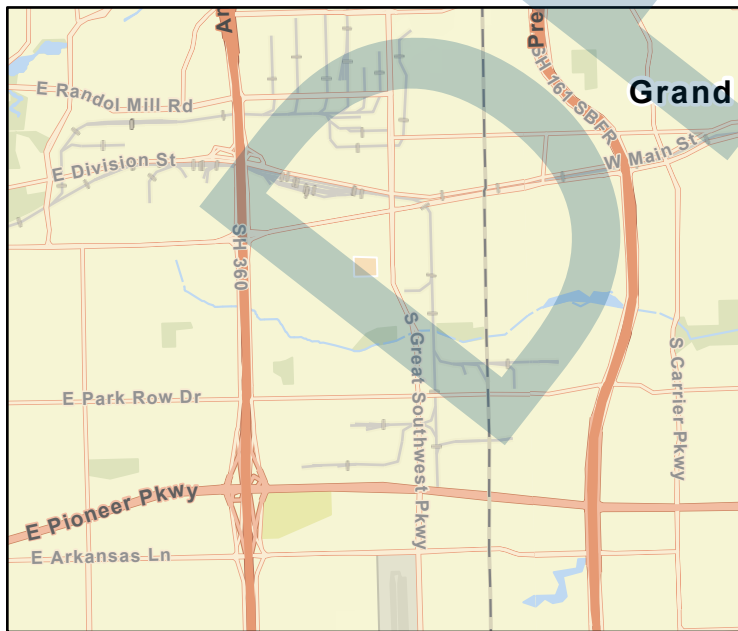
Farm/Ranch land impacted (acres) **16** Roadway(s) impacted (length) **3**

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

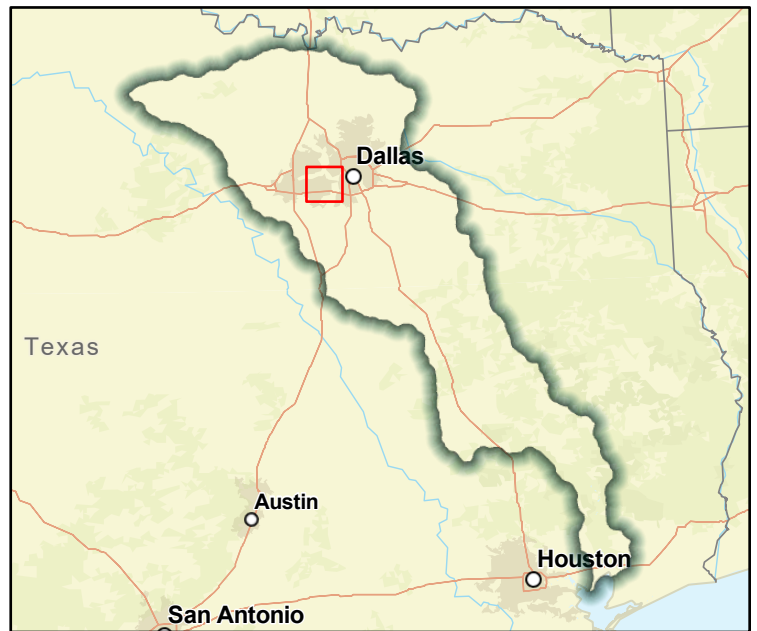
## Estimated Cost and Funding Availability

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

Funding source **-**



FME Area



Regional view of FME area



# Flood Management Evaluation (FME)



Title Kirby Creek Channel Lining Replacements

ID# 031000242

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 Evaluate the improvements needed along Kirby Creek: from 800 feet east of Great Southwest to West of Waterwood; just north of Kildeer cul-de-sac and from Waterwood East to End of Channel Lining just east of Greenvista; \$1,267,200

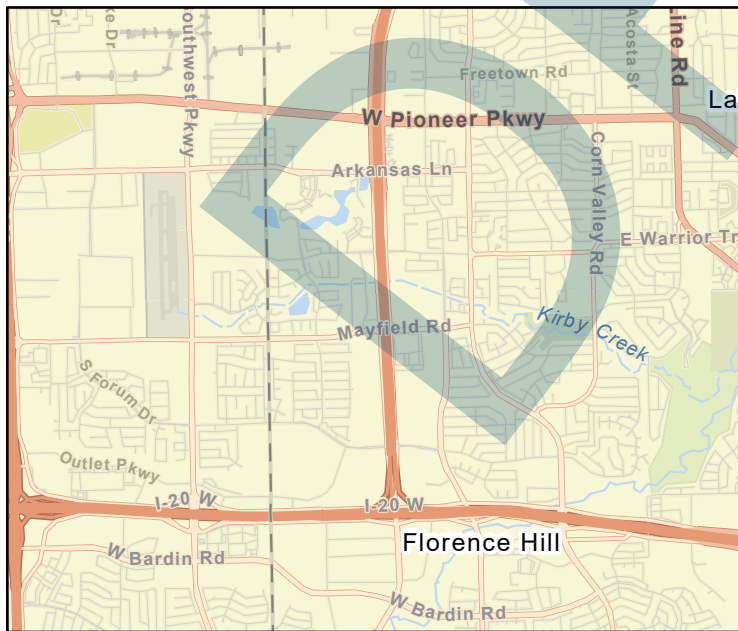
New Hydrologic or Hydraulic model? - Emergency Need? No Existing/Anticipated models in near term? -  
 County Dallas Watershed HUC# (if known) 120301020606,120301020607  
 Drainage area (Square miles, est.) 3 Goal(s) 03000031, 03000032

## 100-Year Flood Risk Summary

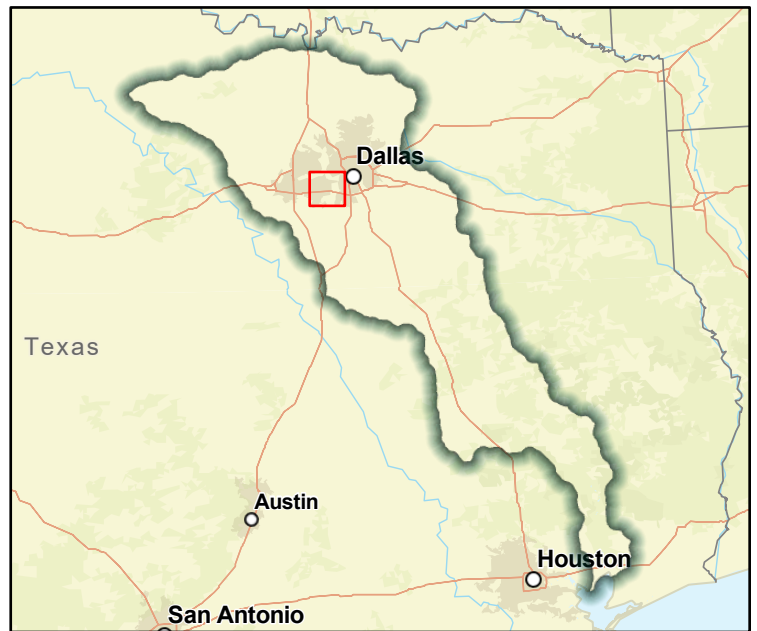
Population at risk 0 # of structures 1 Critical facilities 0  
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No  
 Farm/Ranch land impacted (acres) 7 Roadway(s) impacted (length) 0  
 Number of low water crossings 2 Historical road closures -

## Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding - Federal funding availability -  
 Funding source -



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Dry Branch Stream Bottom Stabilization**

ID# **031000243**

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 **Evaluate the improvements needed along Dry Branch: 300 feet south of Rock Island (2 locations); \$91,300**

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

County **Dallas** Watershed HUC# (if known) **120301031006,120301020706,120301020705**

Drainage area (Square miles, est.) **3** Goal(s) **03000027, 03000028, 03000031, 03000032**

## 100-Year Flood Risk Summary

Population at risk **1,003** # of structures **75** Critical facilities **2**

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

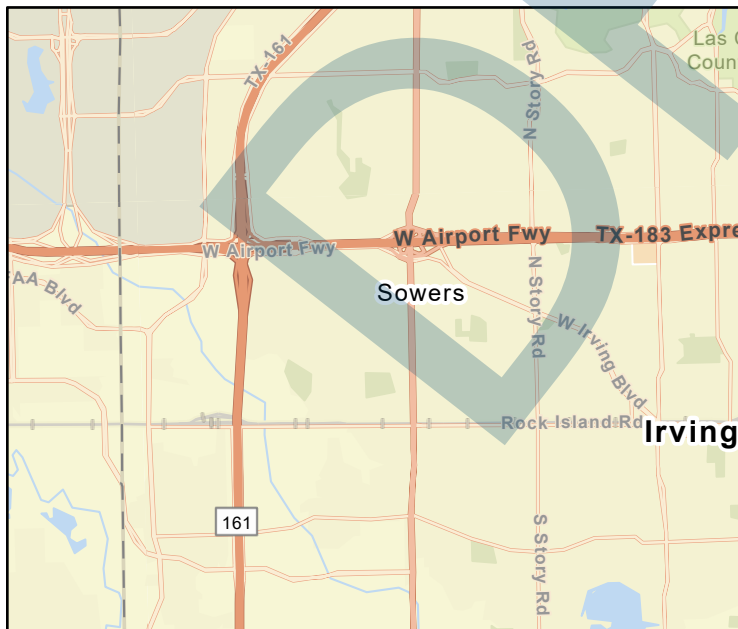
Farm/Ranch land impacted (acres) **1** Roadway(s) impacted (length) **1**

Number of low water crossings **4** Historical road closures **-**

## Estimated Cost and Funding Availability

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

Funding source **-**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title Johnson Creek Avenue J Stabilization  
 ID# 031000244  
 Sponsor (name of entity, not person) Grand Prairie  
 RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance

## Study Details

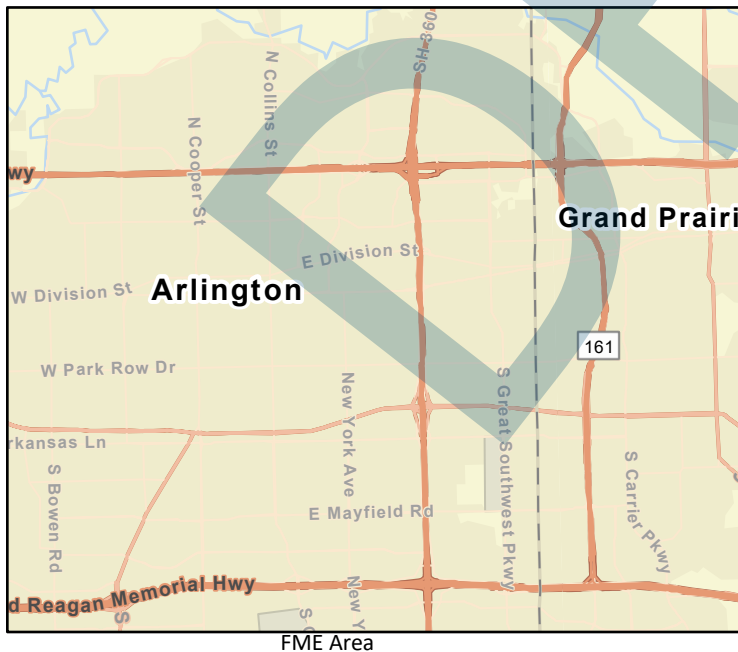
Study type Project Planning  
 Study description Evaluate the improvements needed along Johnson Creek Avenue J, including bridge abutment repair and channel bank stabilization; \$168,500  
 New Hydrologic or Hydraulic model? - Emergency Need? No Existing/Anticipated models in near term? -  
 County Dallas 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 7  
 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 24 Historical road closures -

## Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding - Federal funding availability -  
 Funding source -



# Flood Management Evaluation (FME)



Title Garden Branch Stabilization

ID# 031000245

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 Evaluate the improvements needed along Garden Branch: channel bottom stabilization from Camp Wisdom to Great Southwest; \$176,100

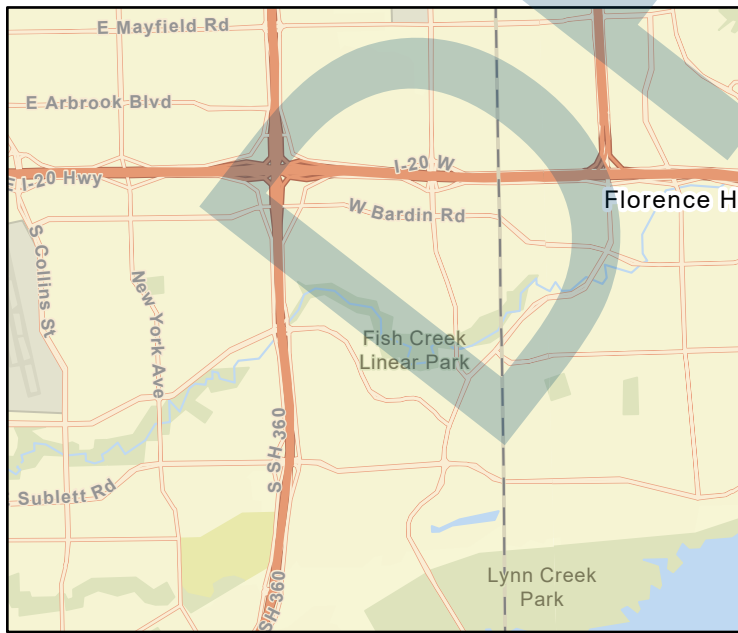
New Hydrologic or Hydraulic model? - Emergency Need? No Existing/Anticipated models in near term? -  
County Dallas Watershed HUC# (if known) 120301020606,120301020605  
Drainage area (Square miles, est.) 7 Goal(s) 03000027, 03000028, 03000031, 03000032

## 100-Year Flood Risk Summary

Population at risk 332 # of structures 42 Critical facilities 0  
Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No  
Farm/Ranch land impacted (acres) 48 Roadway(s) impacted (length) 2  
Number of low water crossings 2 Historical road closures -

## Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding - Federal funding availability -  
Funding source -



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Warrior Creek Stabilization**

ID# **031000246**

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 **Evaluate the improvements needed along Warrior Creek: From Great Southwest to South Fork Cottonwood Creek; \$518,500**

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

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

Drainage area (Square miles, est.) **10** Goal(s) **03000031, 03000032**

## 100-Year Flood Risk Summary

Population at risk **457** # of structures **80** Critical facilities **1**

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

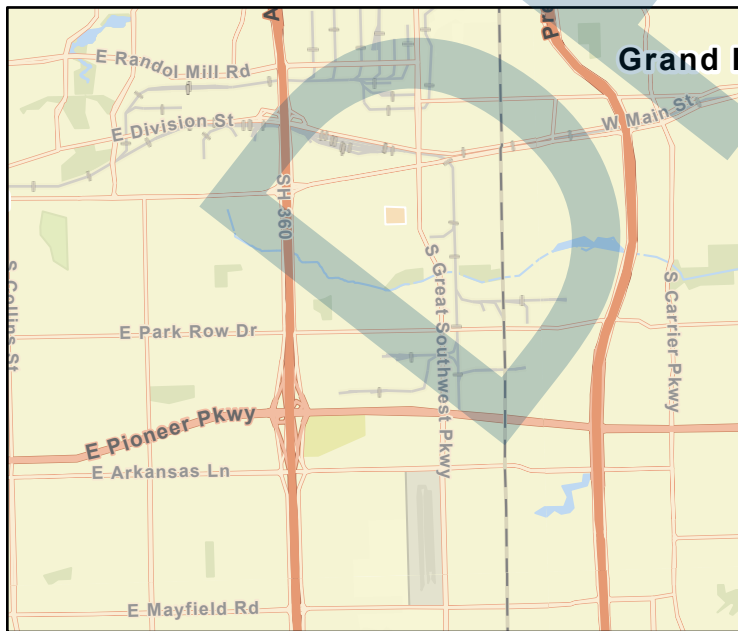
Farm/Ranch land impacted (acres) **24** Roadway(s) impacted (length) **5**

Number of low water crossings **10** Historical road closures **-**

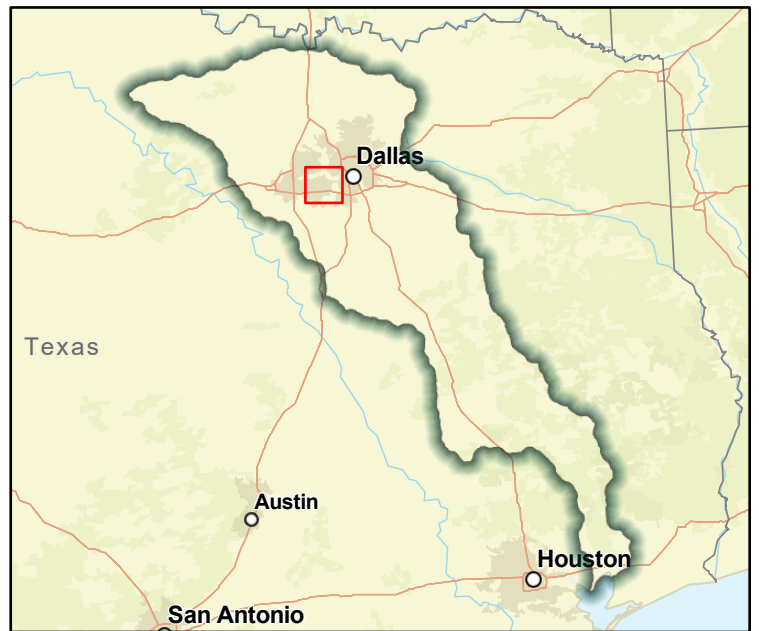
## Estimated Cost and Funding Availability

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

Funding source **-**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Dalworth Creek Stabilization**

ID# **031000247**

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 **Evaluate the improvements needed along Dalworth Creek, including repair of gabions and protection of wastewater crossing downstream of I-30; \$402,000; from Dalworth Street to Roman; \$278,900**

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

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**

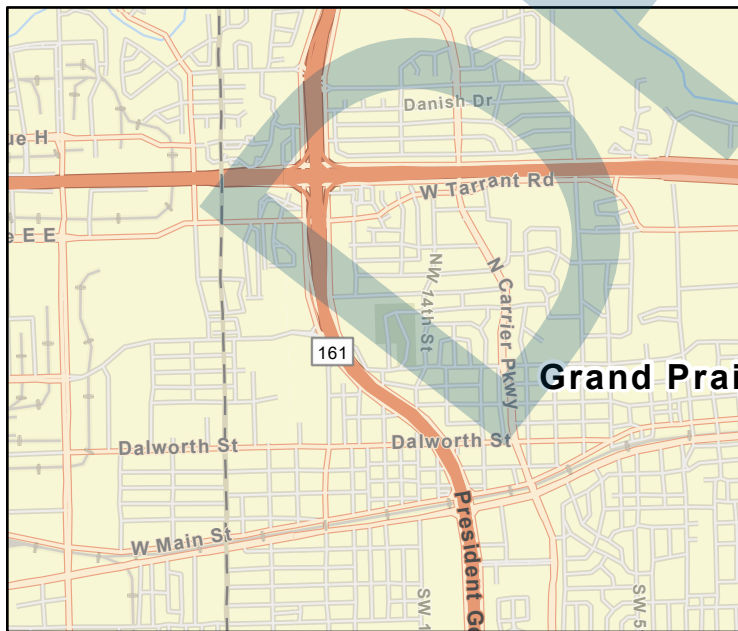
Farm/Ranch land impacted (acres) **10** Roadway(s) impacted (length) **1**

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

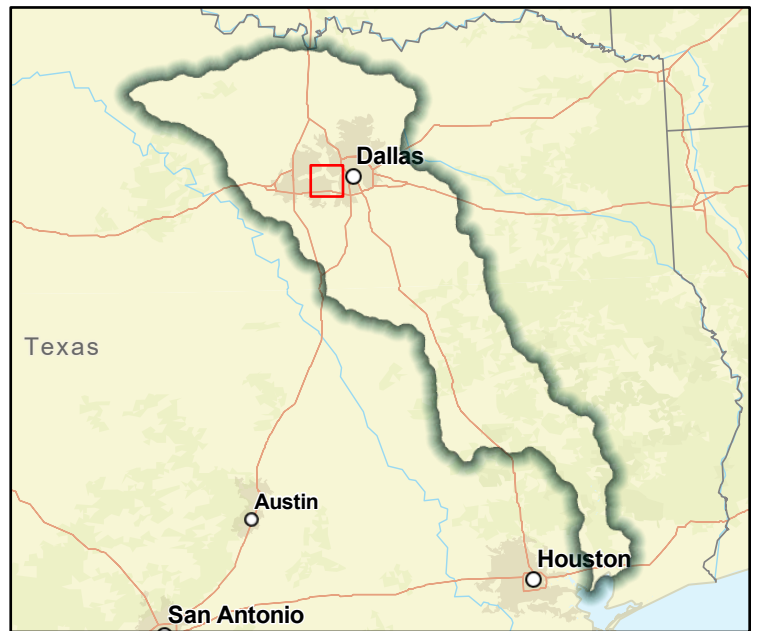
## Estimated Cost and Funding Availability

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

Funding source **-**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **South Fork Cottonwood Creek**

ID# **031000248**

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 **Evaluate improvements along South Fork Cottonwood Creek: from Great Southwest to Carrier; \$781,200**

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

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

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

## 100-Year Flood Risk Summary

Population at risk **107** # of structures **19** Critical facilities **0**

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

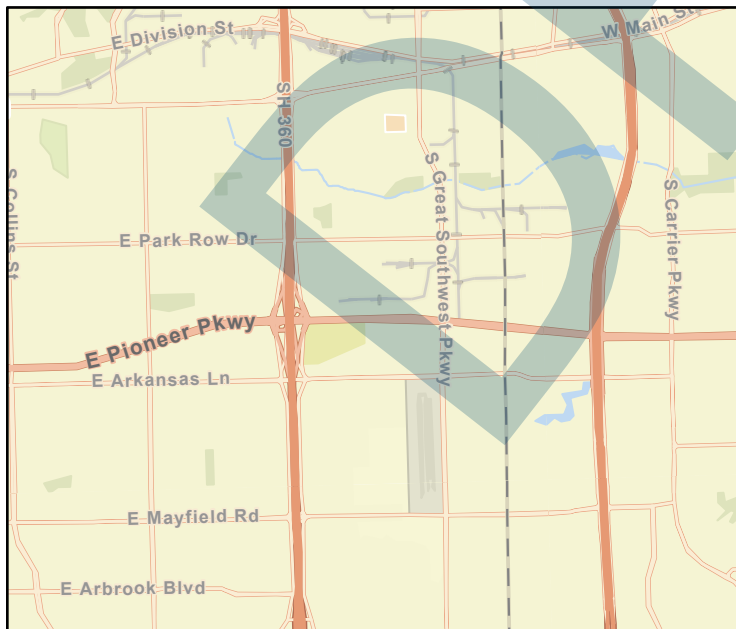
Farm/Ranch land impacted (acres) **8** Roadway(s) impacted (length) **2**

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

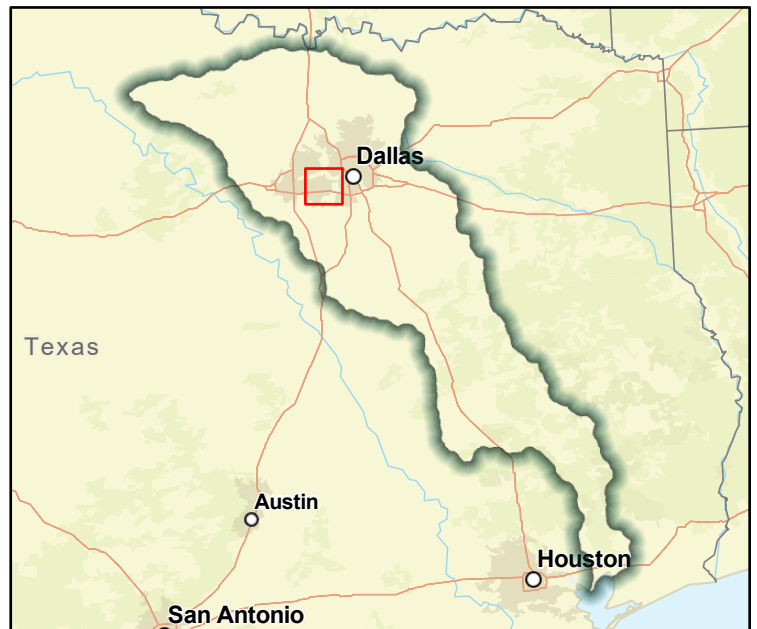
## Estimated Cost and Funding Availability

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

Funding source **-**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title Willis Branch Stabilization  
 ID# 031000249  
 Sponsor (name of entity, not person) Grand Prairie  
 RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance

## Study Details

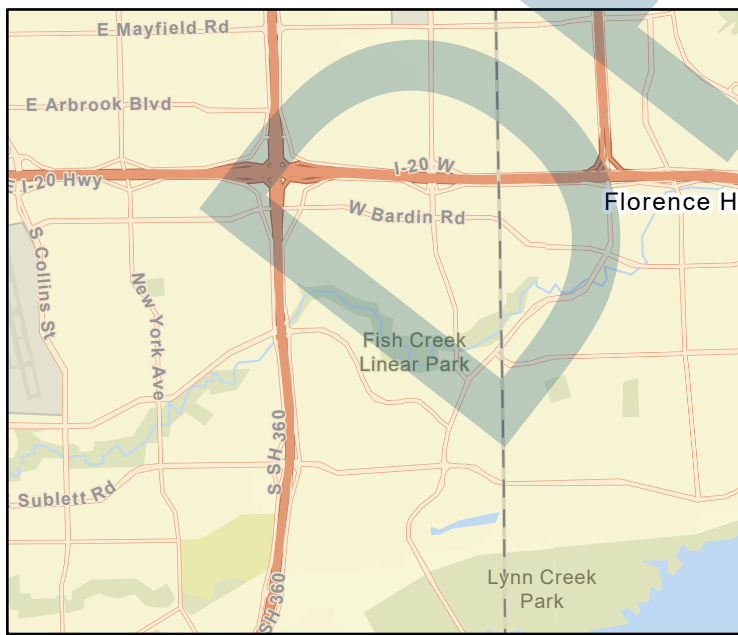
Study type Project Planning  
 Study description Evaluate improvements along Willis Branch: Dam removal and south channel bank stabilization just west of Devon cul-de-sac; \$48,600; from Great Southwest to Sheffield; \$200,700  
 New Hydrologic or Hydraulic model? - Emergency Need? No Existing/Anticipated models in near term? -  
 County Dallas Watershed HUC# (if known) 120301020606,120301020605  
 Drainage area (Square miles, est.) 7 Goal(s) 03000031, 03000032

## 100-Year Flood Risk Summary

Population at risk 332 # of structures 42 Critical facilities 0  
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No  
 Farm/Ranch land impacted (acres) 48 Roadway(s) impacted (length) 2  
 Number of low water crossings 2 Historical road closures -

## Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding - Federal funding availability -  
 Funding source -



FME Area



Regional view of FME area



# Flood Management Evaluation (FME)



Title Johnson Creek Stabilization

ID# 031000250

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 Evaluate improvements along Johnson Creek: replacement of failed inline channel structure and channel sediment removal; \$1,979,000; S channel bank stabilization N of Babbling Brook from Quest to Shadow Pass; \$831,700; N channel bank stabilization

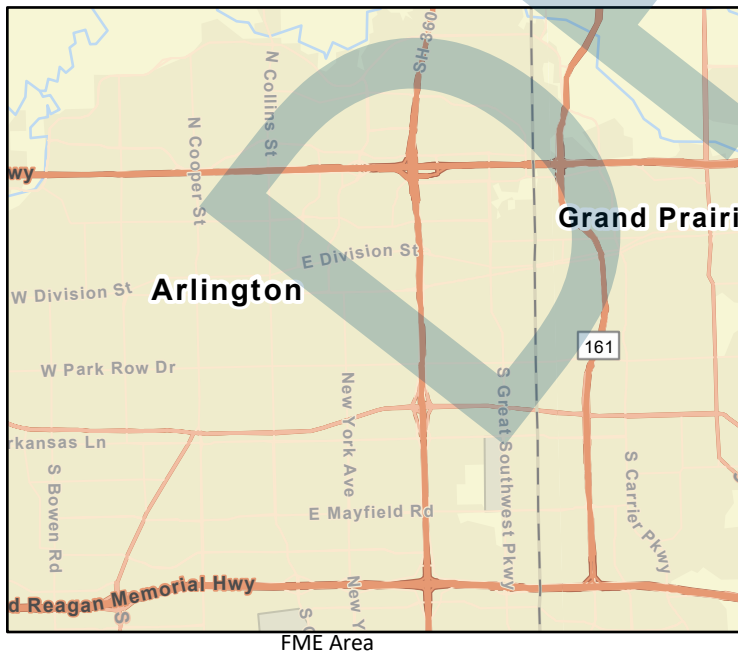
New Hydrologic or Hydraulic model? - Emergency Need? No Existing/Anticipated models in near term? -  
 County Dallas Watershed HUC# (if known) 120301020606,120301020607,120301020706,120301020701,120301020  
 Drainage area (Square miles, est.) 21 Goal(s) 03000031, 03000032

## 100-Year Flood Risk Summary

Population at risk 4,090 # of structures 405 Critical facilities 7  
 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 24 Historical road closures -

## Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding - Federal funding availability -  
 Funding source -



# Flood Management Evaluation (FME)



Title **Henry Branch Stream Stabilization**

ID# **031000251**

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 **Evaluate improvements along Henry Branch: from apartments at 1000 South Belt Line to Grand Prairie Road; \$127,900**

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

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

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

## 100-Year Flood Risk Summary

Population at risk **433** # of structures **42** Critical facilities **0**

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

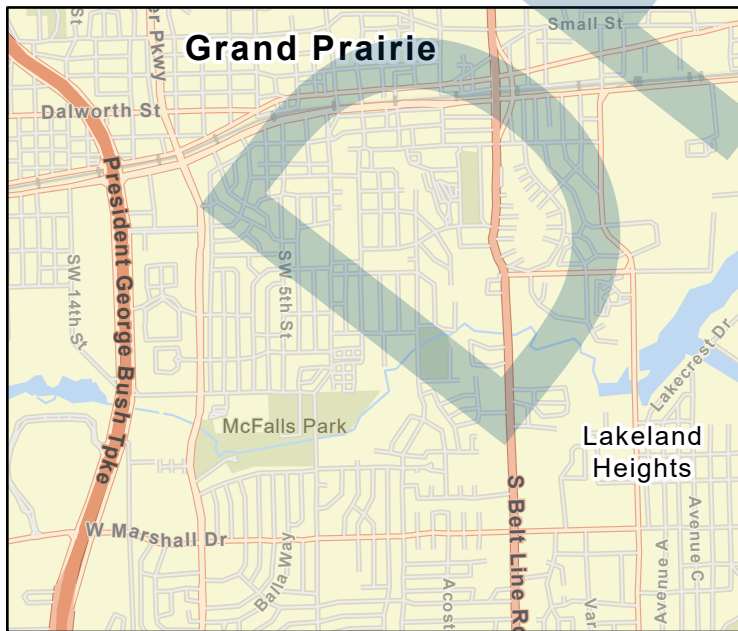
Farm/Ranch land impacted (acres) **8** Roadway(s) impacted (length) **1**

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

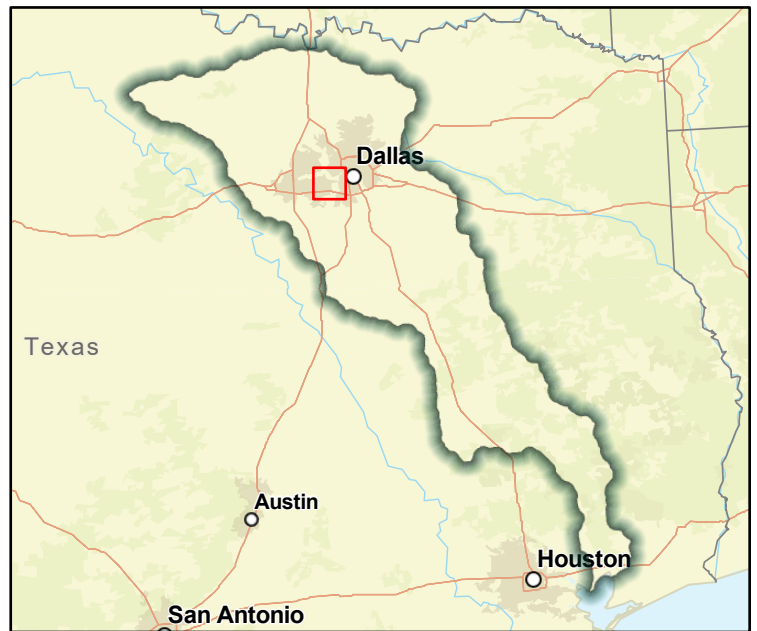
## Estimated Cost and Funding Availability

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

Funding source **-**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title Plattner Creek Stabilization

ID# 031000252

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 Evaluate improvements along Plattner Creek: from FM 1382 to City Limits of Dallas, west of SE 14th; \$252,900

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

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

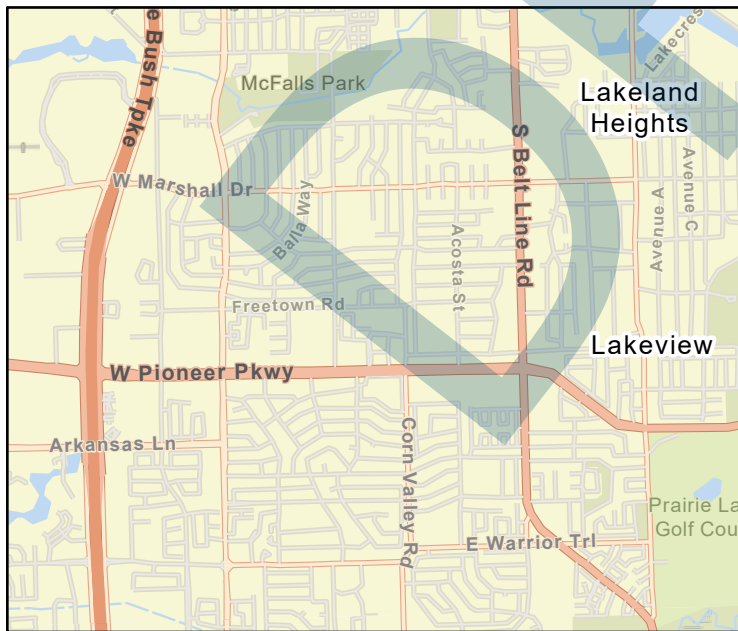
Farm/Ranch land impacted (acres) 3 Roadway(s) impacted (length) 0

Number of low water crossings 1 Historical road closures -

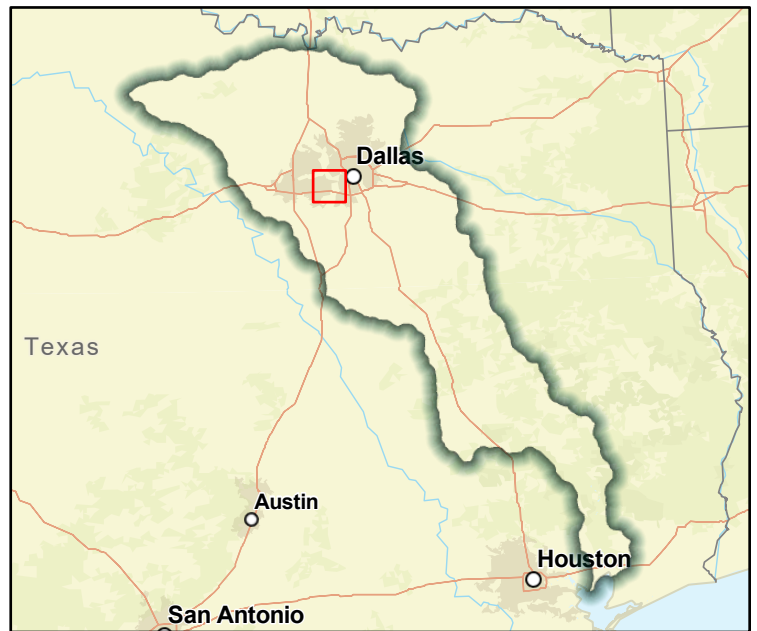
## Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding - Federal funding availability -

Funding source -



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Prairie Creek Stabilization**

ID# **031000253**

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 **Evaluate improvements along Prairie Creek: from upstream of Great Southwest Pkwy to upstream of Robinson Road; \$606,900**

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

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

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

## 100-Year Flood Risk Summary

Population at risk **421** # of structures **25** Critical facilities **0**

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

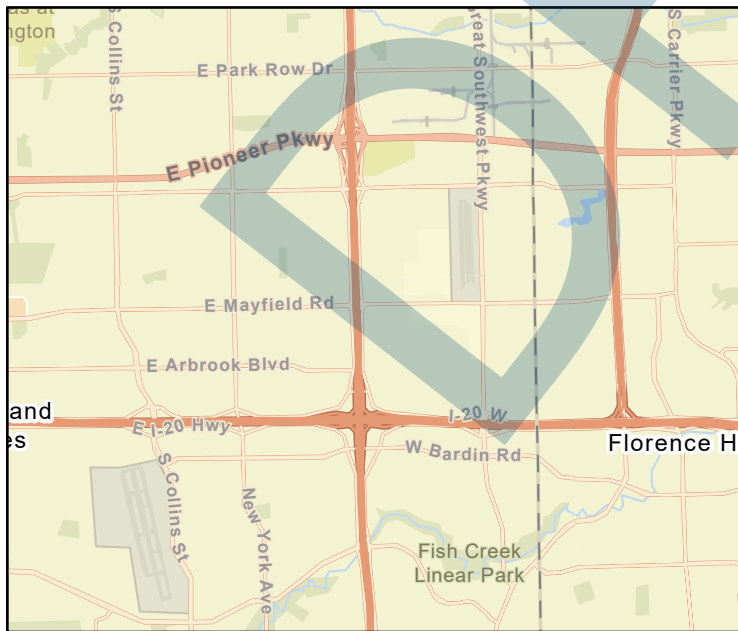
Farm/Ranch land impacted (acres) **8** Roadway(s) impacted (length) **4**

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

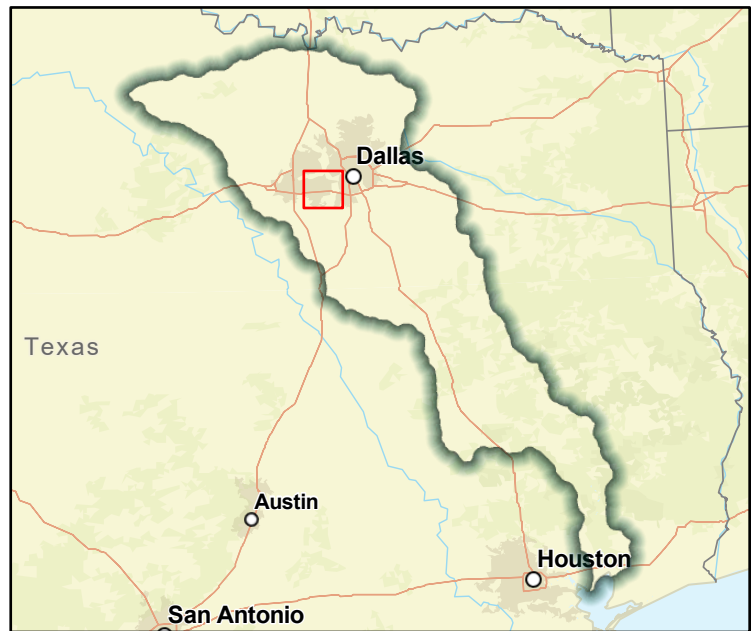
## Estimated Cost and Funding Availability

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

Funding source **-**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Stuart Branch Stabilization**

ID# **031000254**

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 **Evaluate improvements along Stuart Branch: from 460 feet north of Sanctuary Drive and 350 feet northeast of Nature Court cul-de-sac to Joe Pool Lake (future with development); \$349,700**

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

County **Dallas** Watershed HUC# (if known) **120301020603,120301050301,120301090301**

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

## 100-Year Flood Risk Summary

Population at risk **27** # of structures **9** Critical facilities **0**

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

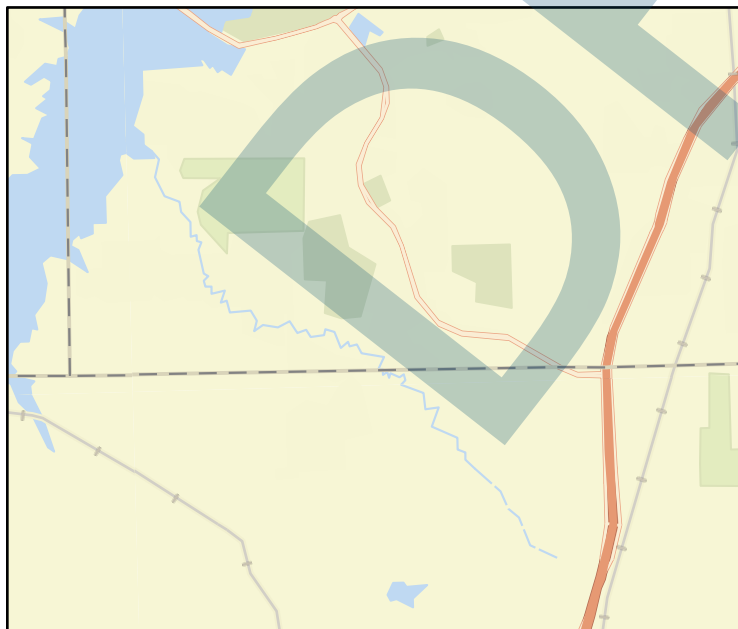
Farm/Ranch land impacted (acres) **21** Roadway(s) impacted (length) **1**

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

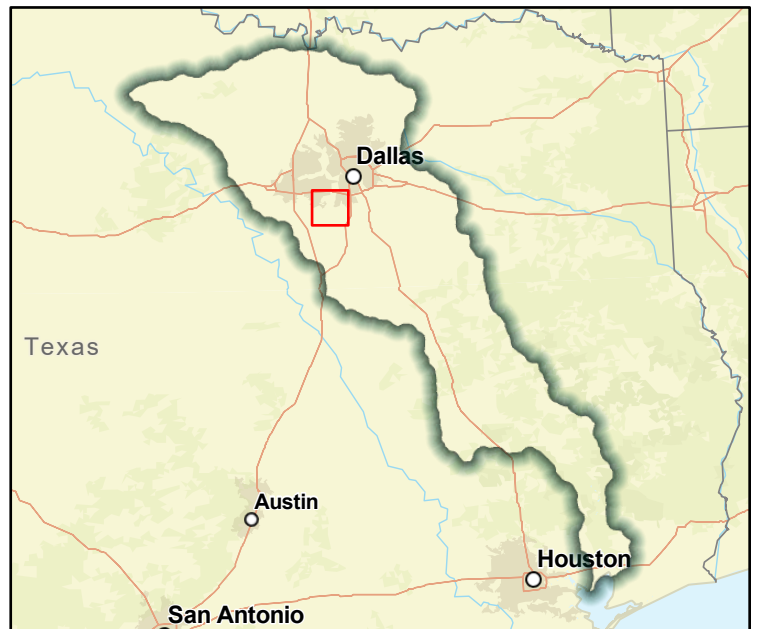
## Estimated Cost and Funding Availability

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

Funding source **-**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title Swadley Branch Stabilization

ID# 031000255

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 Evaluate improvements along Swadley Branch: from 2200 feet south of Koscher Drive to Joe Pool Lake (future with development); \$286,800

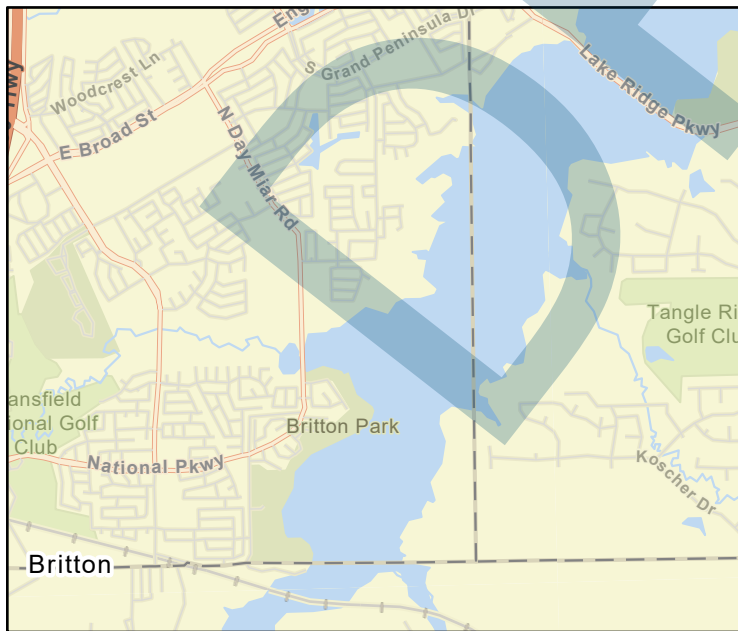
New Hydrologic or Hydraulic model? - Emergency Need? No Existing/Anticipated models in near term? -  
 County Dallas Watershed HUC# (if known) 120301020603,120301020605  
 Drainage area (Square miles, est.) 4 Goal(s) 03000031, 03000032

## 100-Year Flood Risk Summary

Population at risk 4 # of structures 3 Critical facilities 1  
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No  
 Farm/Ranch land impacted (acres) 124 Roadway(s) impacted (length) 0  
 Number of low water crossings 0 Historical road closures -

## Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding - Federal funding availability -  
 Funding source -



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title Mills Branch Stabilization

ID# 031000256

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 Evaluate improvements along Mills Branch: from 880 feet south of South Periwinkle Court cul-de-sac to Joe Pool Lake (future with development); \$599,300

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

County Dallas Watershed HUC# (if known) 120301020603,120301020605

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

## 100-Year Flood Risk Summary

Population at risk 4 # of structures 3 Critical facilities 1

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

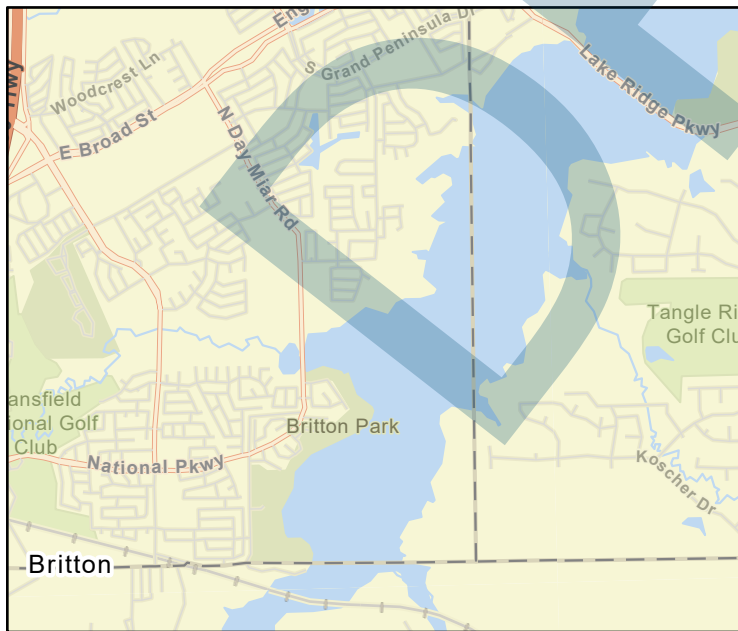
Farm/Ranch land impacted (acres) 124 Roadway(s) impacted (length) 0

Number of low water crossings 0 Historical road closures -

## Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding - Federal funding availability -

Funding source -



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Tarrell Creek Stabilization**

ID# **031000257**

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

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

## Study Details

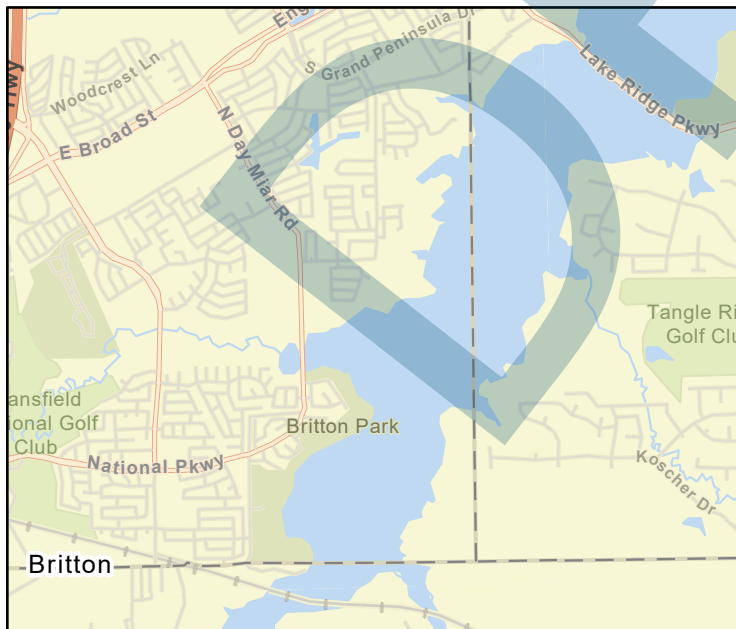
Study type **Project Planning**  
 Study description **Evaluate improvements along Tarrell Creek: from a Stream Point 2420 feet south of South Periwinkle Court cul-de-sac and 800 feet east of South Periwinkle Court cul-de-sac to Joe Pool Lake (future with development); \$747,200**  
 New Hydrologic or Hydraulic model? **-** Emergency Need? **No** Existing/Anticipated models in near term? **-**  
 County **Dallas** Watershed HUC# (if known) **120301020603,120301020605**  
 Drainage area (Square miles, est.) **4** Goal(s) **03000031, 03000032**

## 100-Year Flood Risk Summary

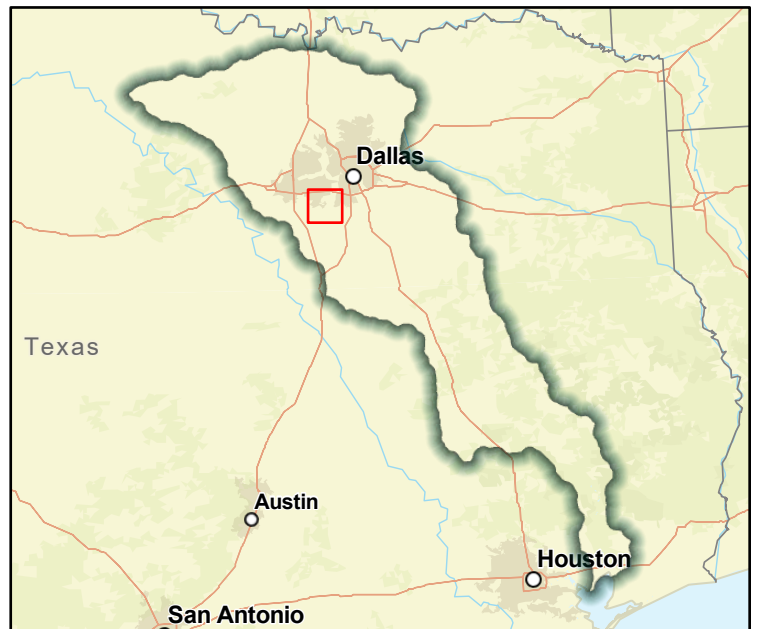
Population at risk **4** # of structures **3** Critical facilities **1**  
 Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**  
 Farm/Ranch land impacted (acres) **124** Roadway(s) impacted (length) **0**  
 Number of low water crossings **0** Historical road closures **-**

## Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **-** Federal funding availability **-**  
 Funding source **-**



FME Area



Regional view of FME area



# Flood Management Evaluation (FME)



Title Jackson Meadows Pond Erosion Control  
ID# 031000258  
Sponsor (name of entity, not person) Sachse  
RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance

## Study Details

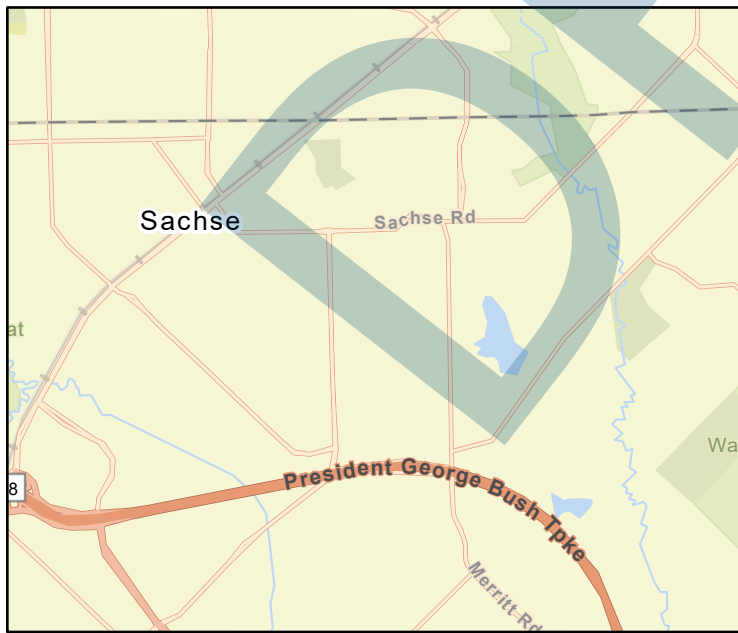
Study type Project Planning  
Study description Evaluate erosion control measures around three pond headwalls to decrease flow velocity.  
New Hydrologic or Hydraulic model? - Emergency Need? No Existing/Anticipated models in near term? -  
County Collin , Dallas Watershed HUC# (if known) 120301060408,120301060403  
Drainage area (Square miles, est.) 6 Goal(s) 03000031, 03000032

## 100-Year Flood Risk Summary

Population at risk 171 # of structures 59 Critical facilities 0  
Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No  
Farm/Ranch land impacted (acres) 211 Roadway(s) impacted (length) 2  
Number of low water crossings 7 Historical road closures -

## Estimated Cost and Funding Availability

Total Cost \$100,000 Amount of Available Funding - Federal funding availability -  
Funding source -



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title Long Branch Channel Improvements (Dewitt to Ingram)

ID# 031000259

Sponsor (name of entity, not person) Sachse

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

## Study Details

Study type Project Planning

Study description Evaluate channel improvements to replace a failed headwall and reduce erosive velocities. Sewer line relocation to protect against potential failure due to erosion.

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

County Collin , Dallas Watershed HUC# (if known) 120301060408,120301060403

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

## 100-Year Flood Risk Summary

Population at risk 171 # of structures 59 Critical facilities 0

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

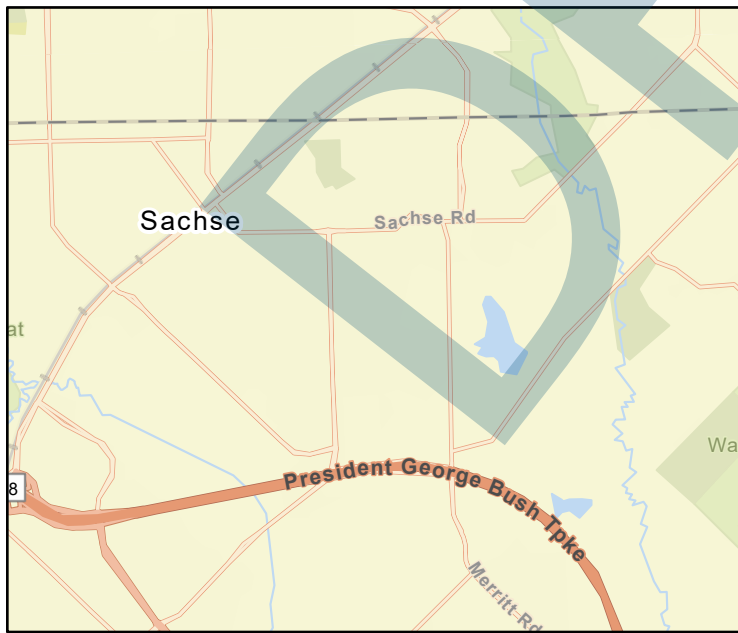
Farm/Ranch land impacted (acres) 211 Roadway(s) impacted (length) 2

Number of low water crossings 7 Historical road closures -

## Estimated Cost and Funding Availability

Total Cost \$100,000 Amount of Available Funding - Federal funding availability -

Funding source -



FME Area



Regional view of FME area