

# Flood Management Evaluation (FME)



Title **West Park Square Rd at Turner Branch**

ID# **031000195**

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 \$445,200**

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**

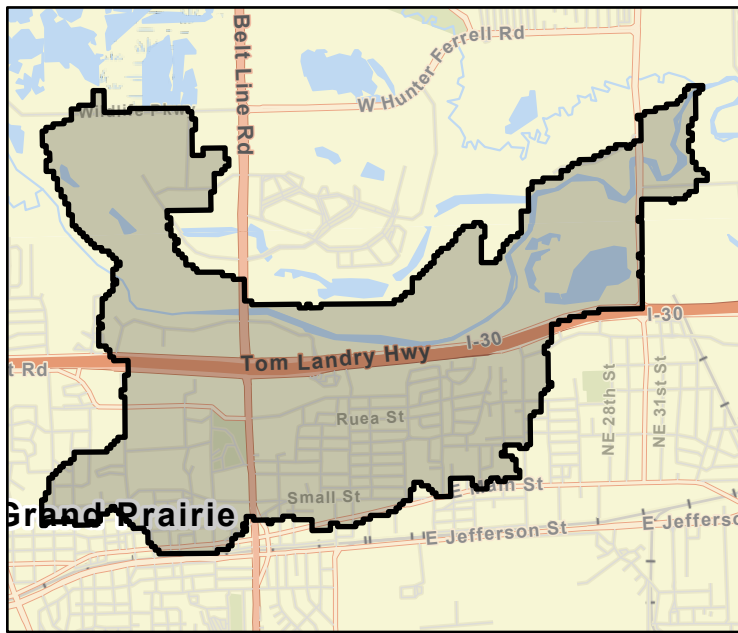
Farm/Ranch land impacted (acres) **161** Roadway(s) impacted (length) **3**

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 **Carrier Parkway at Cottonwood Creek and South Fork Cottonwood Creek - Bridges**

ID# **031000196**

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 \$18,164,400**

New Hydrologic or Hydraulic model? **Yes**

Emergency Need? **No**

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

County **Dallas**

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

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 **-**

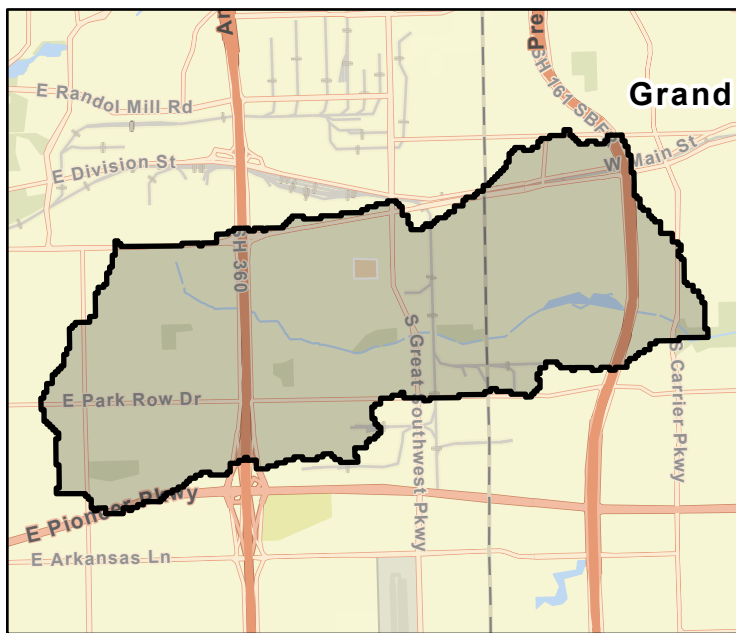
## Estimated Cost and Funding Availability

Total Cost **\$908,000**

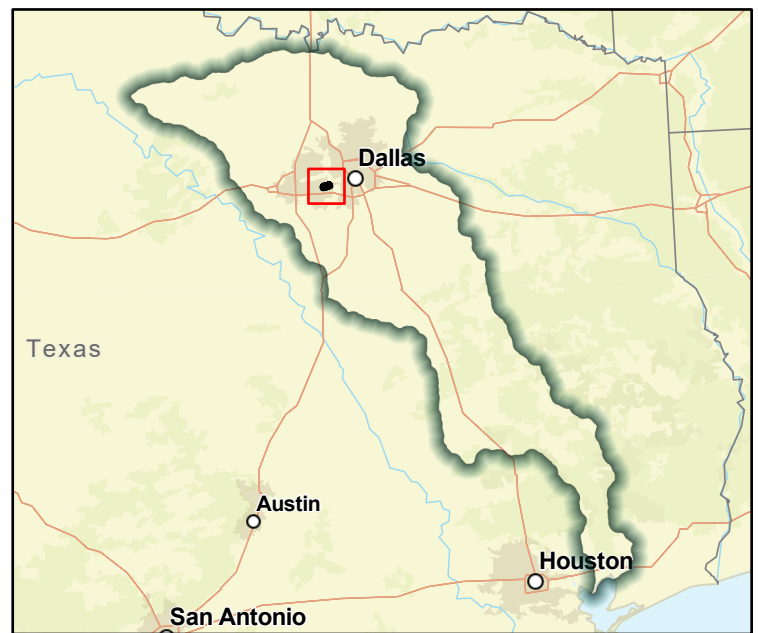
Amount of Available Funding **90,800**

Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title 3rd St at Cottonwood Creek and Cottonwood Creek from SW 3rd to FM 1382

ID# 031000197

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 \$12,733,000

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

County Dallas 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

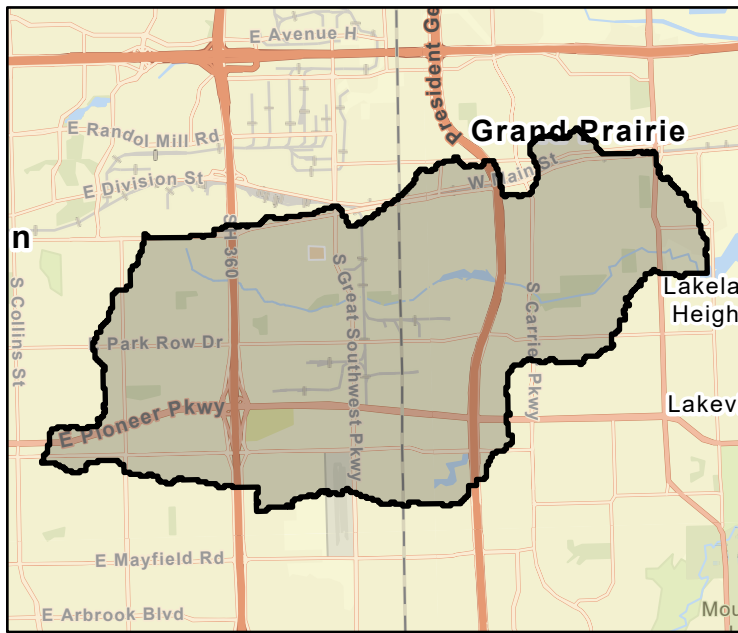
Farm/Ranch land impacted (acres) 32 Roadway(s) impacted (length) 6

Number of low water crossings 12 Historical road closures -

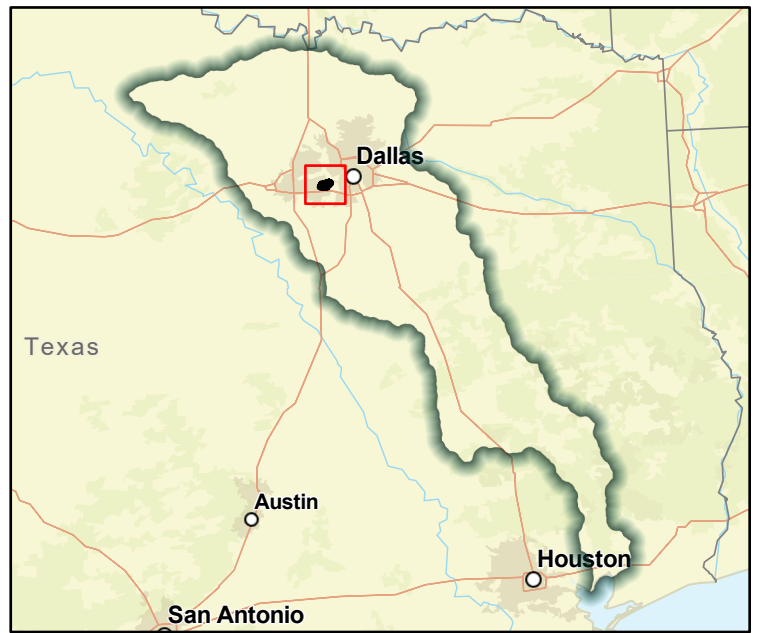
## Estimated Cost and Funding Availability

Total Cost \$637,000 Amount of Available Funding 63,700 Federal funding availability Yes

Funding source Local, State



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **FM 661 at Mountain Creek (Future with Development)**

ID# **031000198**

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 \$7,750,000**

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

County **Dallas** Watershed HUC# (if known) **120301020603,120301090103,120301090101,120301020601,120301020**

Drainage area (Square miles, est.) **50** Goal(s) **03000031, 03000032**

## 100-Year Flood Risk Summary

Population at risk **451** # of structures **224** Critical facilities **1**

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

Farm/Ranch land impacted (acres) **3,240** Roadway(s) impacted (length) **7**

Number of low water crossings **48** Historical road closures **-**

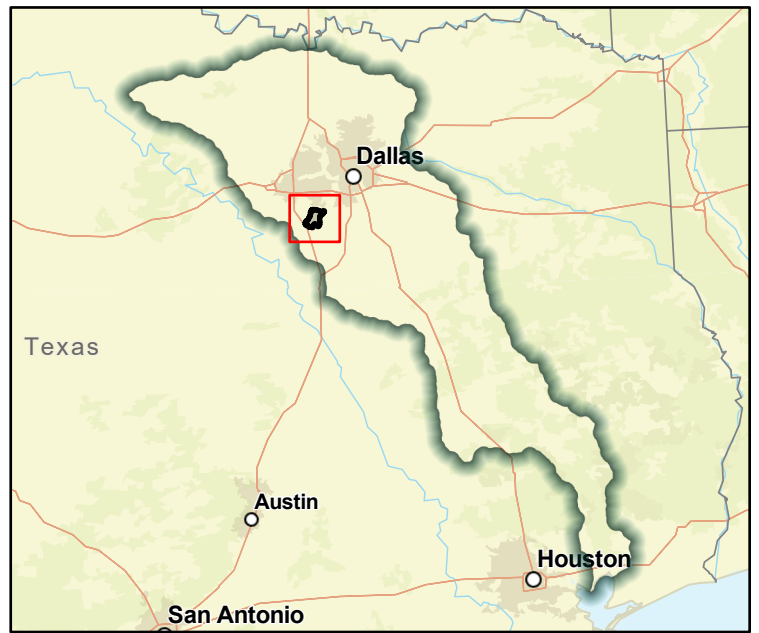
## Estimated Cost and Funding Availability

Total Cost **\$388,000** Amount of Available Funding **38,800** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Green Hollow Drive North and South of Thornbush Drive**

ID# **031000199**

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; Estimated construction cost of \$247,000**

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

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

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

## 100-Year Flood Risk Summary

Population at risk **302** # of structures **19** Critical facilities **0**

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

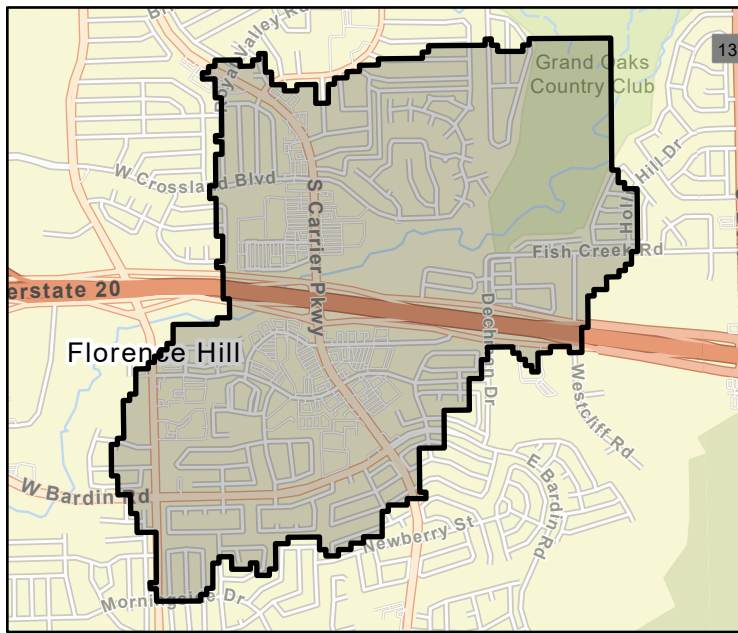
Farm/Ranch land impacted (acres) **20** Roadway(s) impacted (length) **1**

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

## Estimated Cost and Funding Availability

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

Funding source **Local, State**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Carrier Parkway & Egyptian Way**  
 ID# **031000200**  
 Sponsor (name of entity, not person) **Grand Prairie**  
 RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

## Study Details

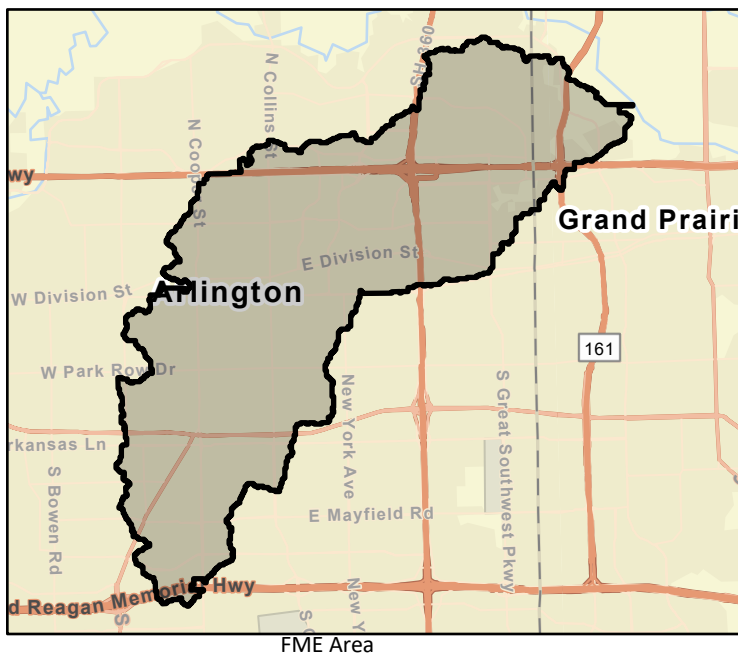
Study type **Project Planning**  
 Study description **Study update - Storm Drain Improvements; Estimated construction cost of \$3,165,300**  
 New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**  
 County **Dallas, Tarrant** Watershed HUC# (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 **\$250,000** Amount of Available Funding **25,000** Federal funding availability **Yes**  
 Funding source **Local, State**



# Flood Management Evaluation (FME)



Title **East Pioneer Parkway & SE 14th St**

ID# **031000201**

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; Estimated construction cost of \$3,742,700**

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

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**

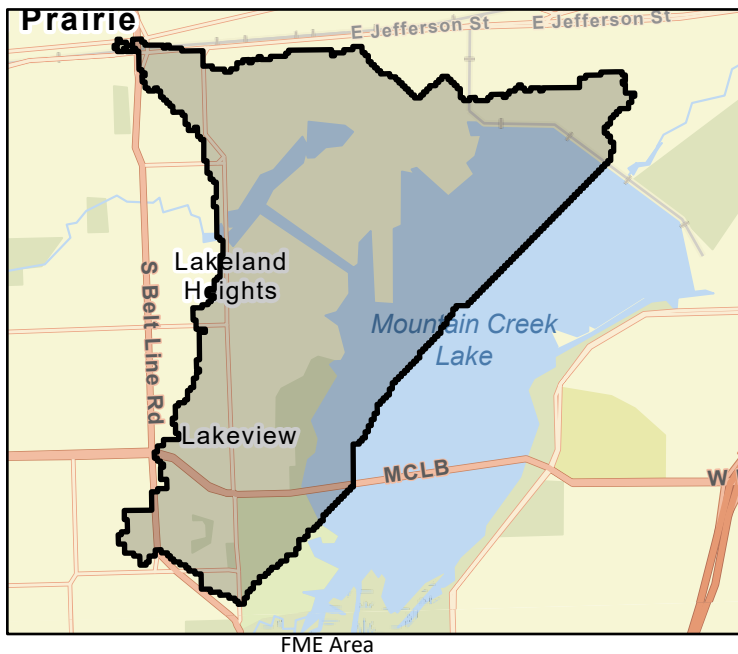
Farm/Ranch land impacted (acres) **28** Roadway(s) impacted (length) **1**

Number of low water crossings **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 **Great Southwest Parkway & Pinewood Drive**

ID# **031000202**

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; Estimated construction cost of \$3,998,200**

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

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

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**

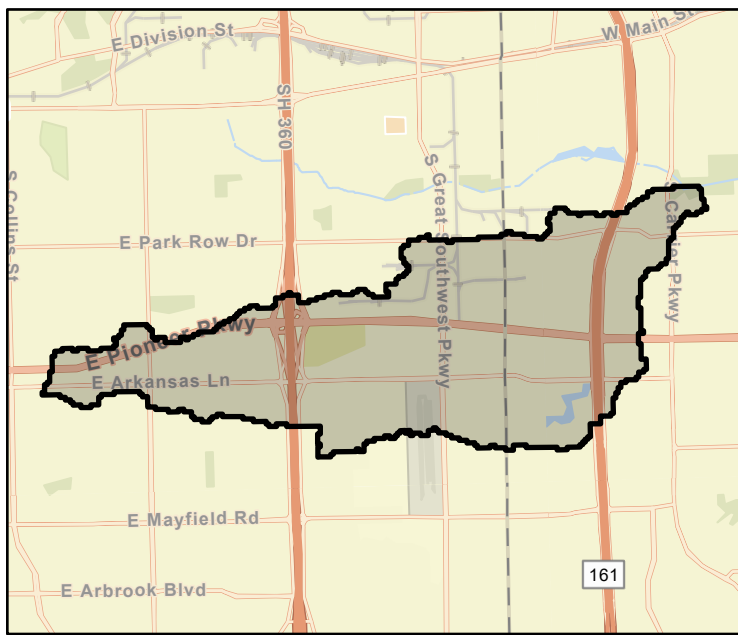
Farm/Ranch land impacted (acres) **8** Roadway(s) impacted (length) **2**

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

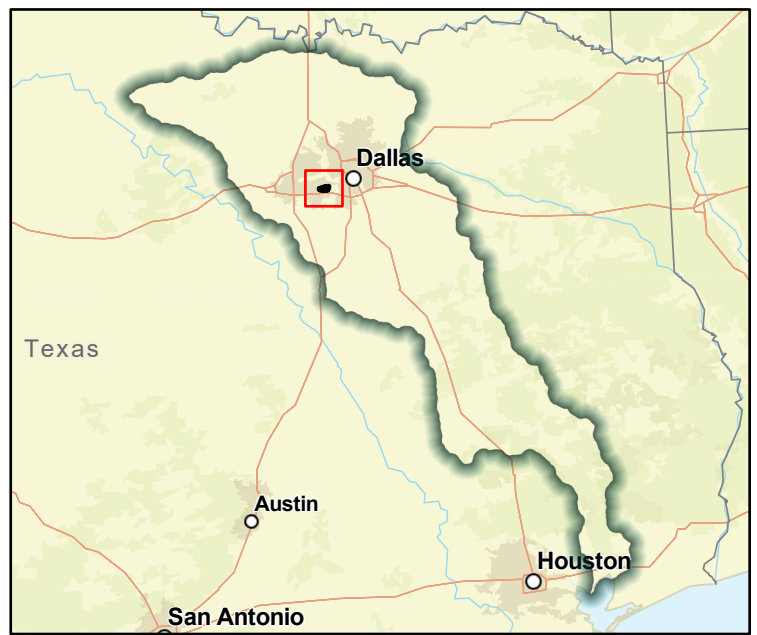
## Estimated Cost and Funding Availability

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

Funding source **Local, State**



FME Area



Regional view of FME area



# Flood Management Evaluation (FME)



Title **Lake Park Drive and Victoria Drive**

ID# **031000203**

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; Estimated construction cost of \$1,094,100**

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**

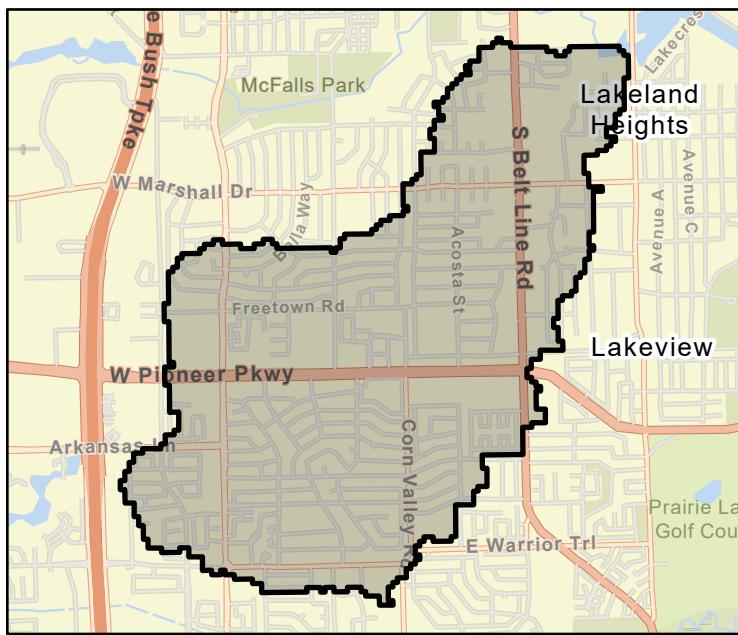
Farm/Ranch land impacted (acres) **3** Roadway(s) impacted (length) **0**

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

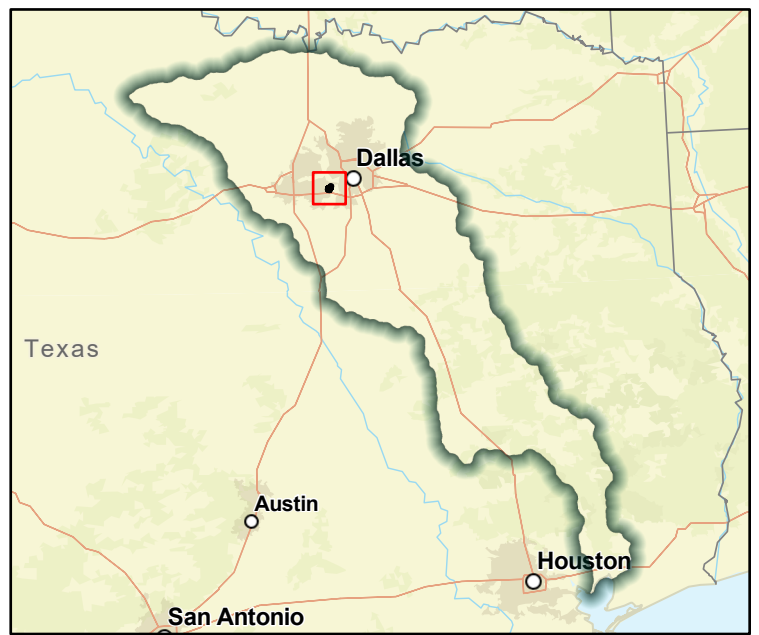
## Estimated Cost and Funding Availability

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 **Regional Detention at Bowie Elementary School**

ID# **031000204**

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; Estimated construction cost of \$3,433,500**

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

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

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**

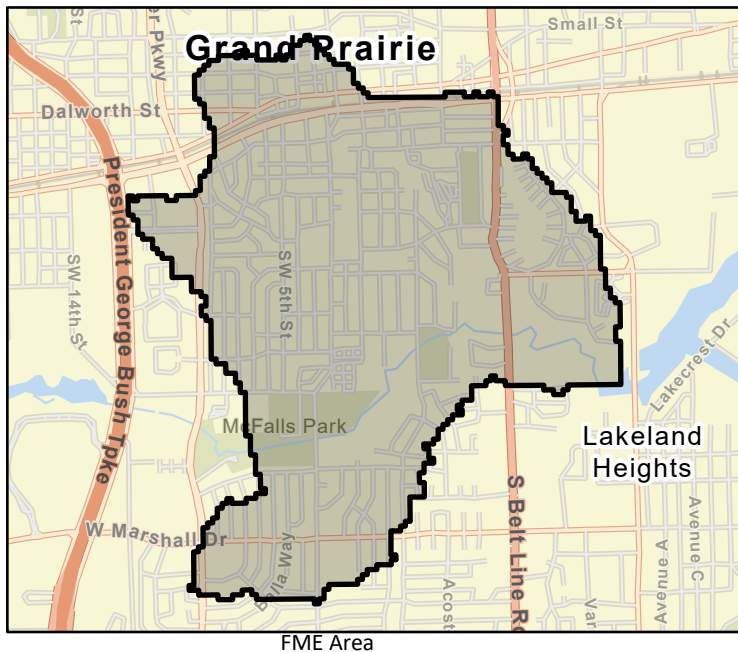
Farm/Ranch land impacted (acres) **8** Roadway(s) impacted (length) **1**

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

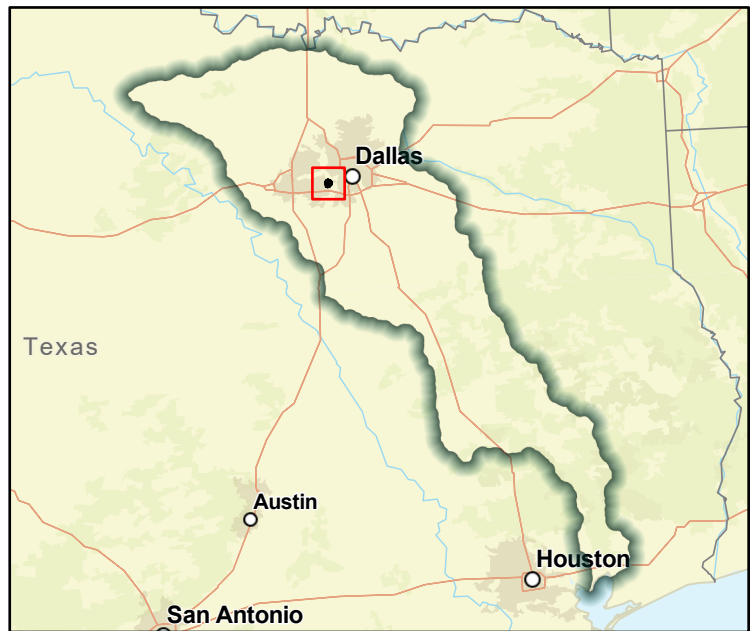
## Estimated Cost and Funding Availability

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

Funding source **Local, State**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Shady Grove Rd - Jones St Storm Drainage Improvements**

ID# **031000205**

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; Estimated construction cost of \$1,679,200**

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

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

Drainage area (Square miles, est.) **3** Goal(s) **03000007, 03000008, 03000009, 03000010, 03000031, 03000032**

## 100-Year Flood Risk Summary

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

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

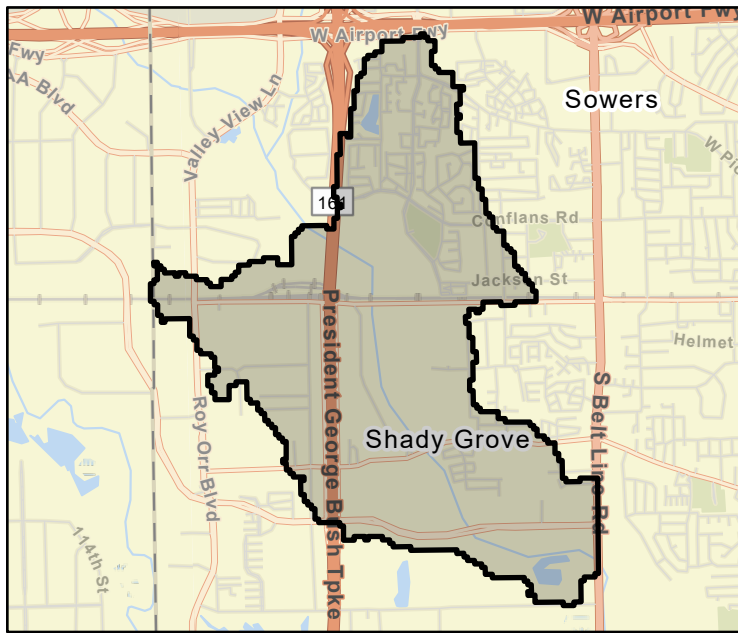
Farm/Ranch land impacted (acres) **169** Roadway(s) impacted (length) **5**

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

## Estimated Cost and Funding Availability

Total Cost **\$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, Heritage Court and Goodwin Branch**

ID# **031000206**

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; Estimated construction cost of \$1,175,300**

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

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

Drainage area (Square miles, est.) **21** Goal(s) **03000007, 03000008, 03000009, 03000010, 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**

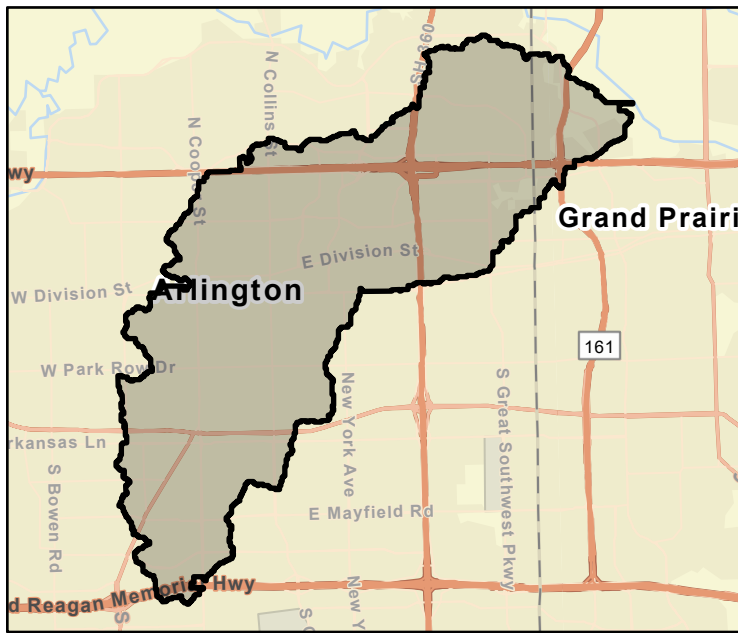
Farm/Ranch land impacted (acres) **50** Roadway(s) impacted (length) **13**

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

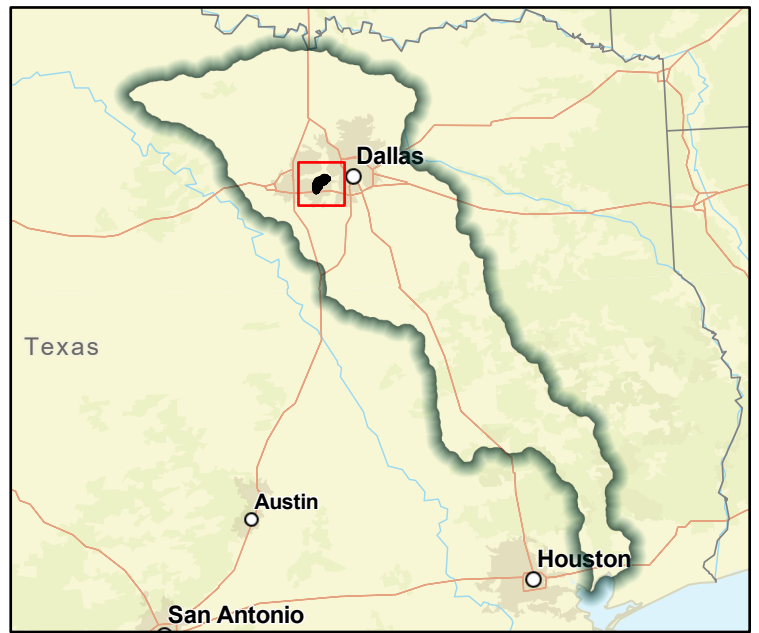
## Estimated Cost and Funding Availability

Total Cost **\$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 **Thousand Oaks Court**

ID# **031000207**

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; Estimated construction cost of \$742,700**

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

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**

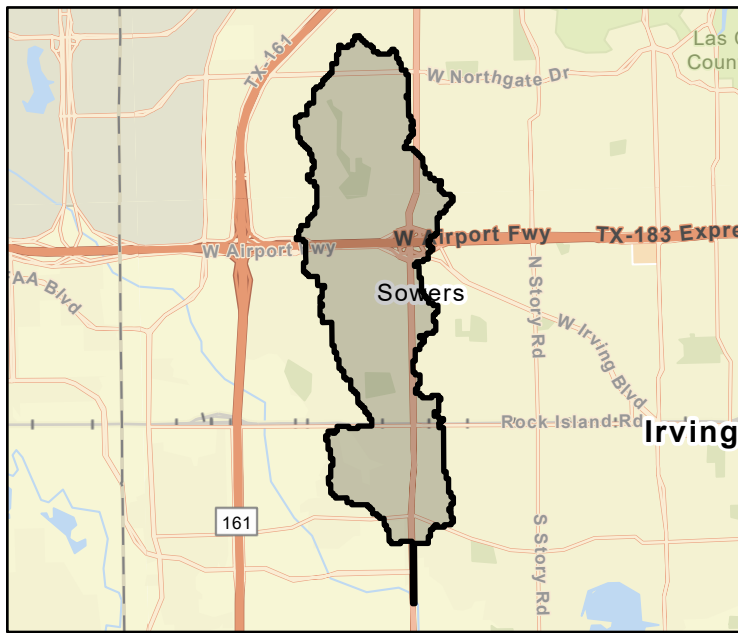
Farm/Ranch land impacted (acres) **1** Roadway(s) impacted (length) **1**

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

## Estimated Cost and Funding Availability

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

Funding source **Local, State**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title East Marshall Drive, Santa Cruz Circle & Belt Line Rd

ID# 031000208

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; Estimated construction cost of \$1,753,800

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

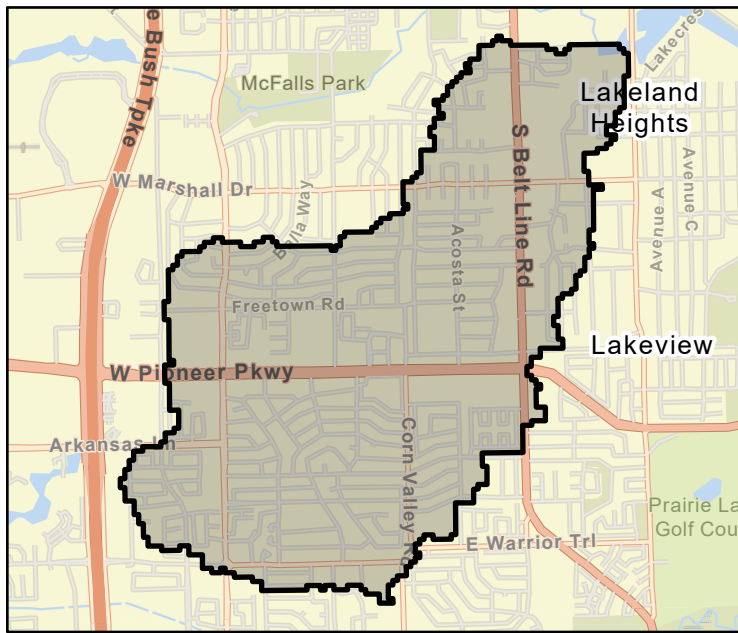
Farm/Ranch land impacted (acres) 3 Roadway(s) impacted (length) 0

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 **East Main St & NE 14th St**  
 ID# **031000209**  
 Sponsor (name of entity, not person) **Grand Prairie**  
 RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

## Study Details

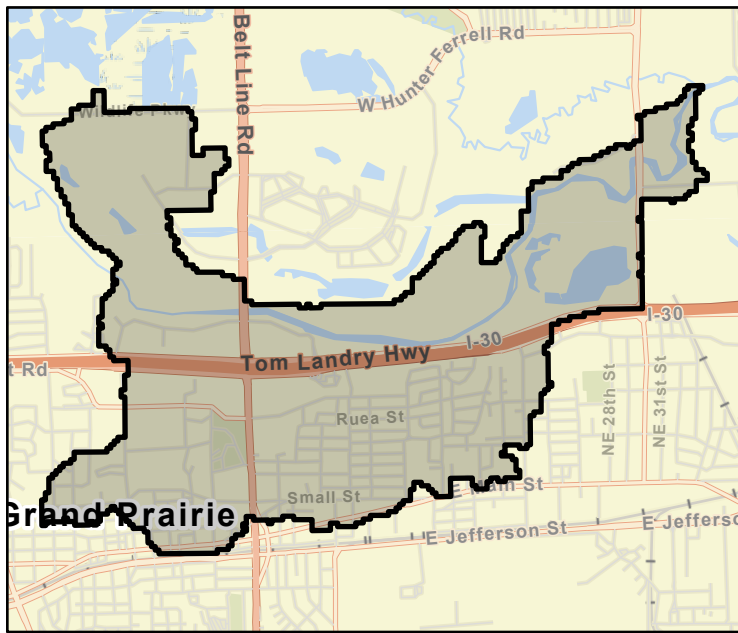
Study type **Project Planning**  
 Study description **Study update - Storm Drain Improvements; Estimated construction cost of \$5,879,400**  
 New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**  
 County **Dallas** Watershed HUC# (if known) **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 **\$294,000** Amount of Available Funding **29,400** Federal funding availability **Yes**  
 Funding source **Local, State**



FME Area



Regional view of FME area

# 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; Estimated construction cost of \$3,603,100**

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

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**

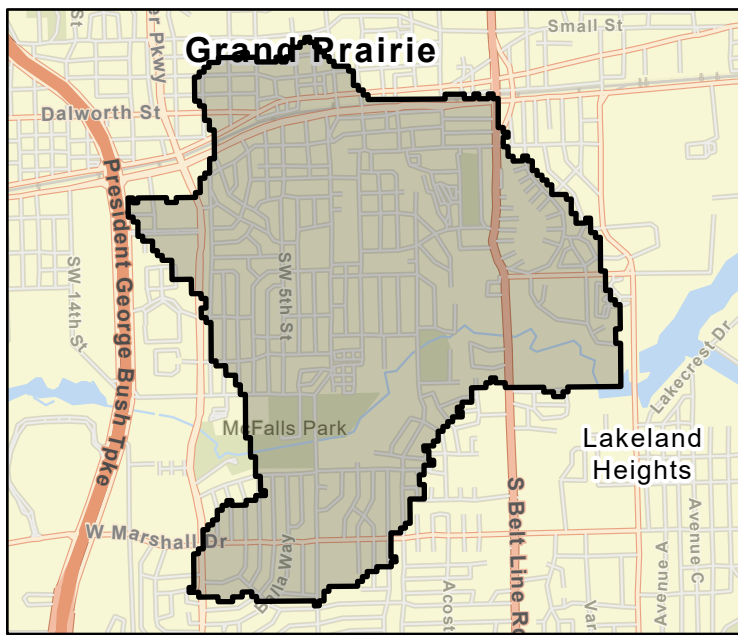
Farm/Ranch land impacted (acres) **8** Roadway(s) impacted (length) **1**

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

## Estimated Cost and Funding Availability

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

Funding source **Local, State**



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; Estimated construction cost of \$4,768,500**

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

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

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**

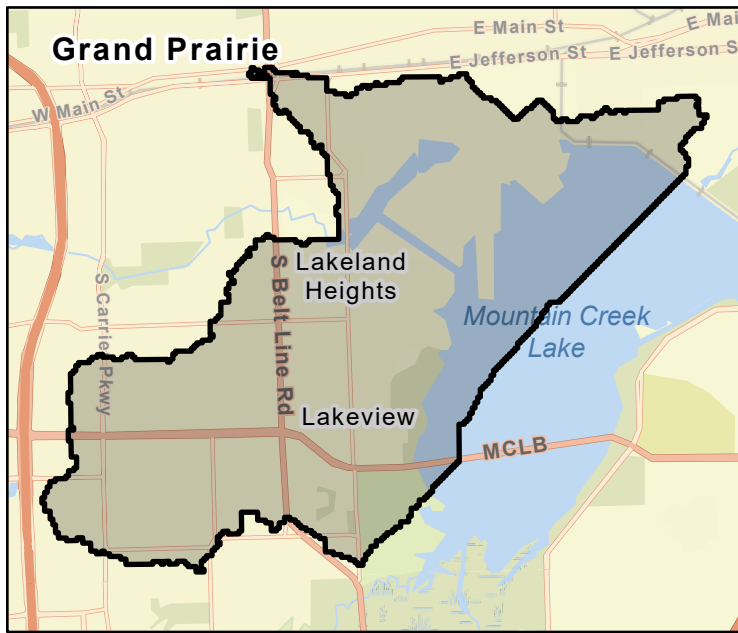
Farm/Ranch land impacted (acres) **31** Roadway(s) impacted (length) **1**

Number of low water crossings **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 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; Estimated construction cost of \$1,158,400

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

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

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

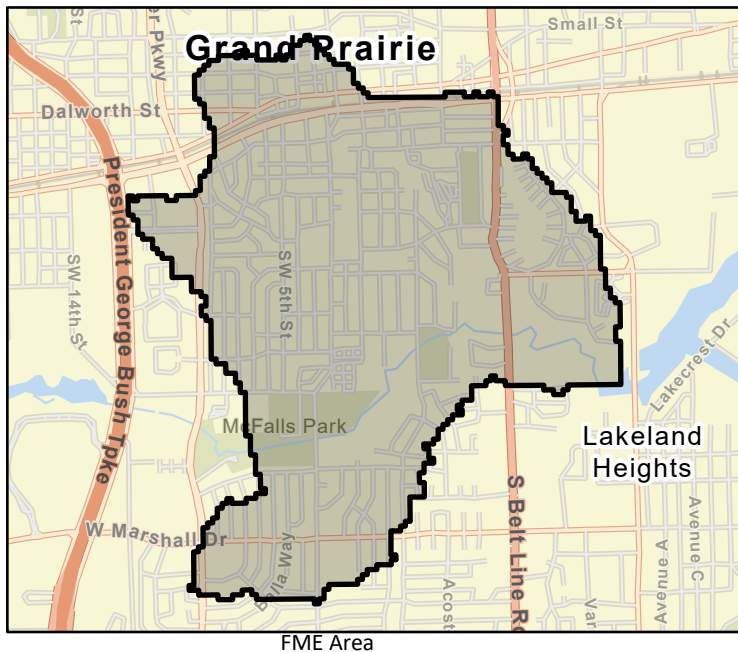
Farm/Ranch land impacted (acres) 8 Roadway(s) impacted (length) 1

Number of low water crossings 2 Historical road closures -

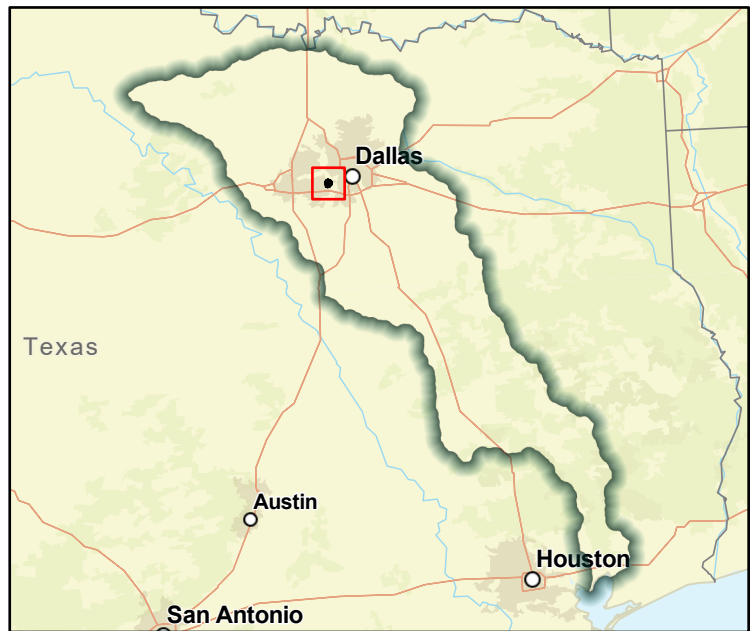
## Estimated Cost and Funding Availability

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

Funding source Local, State



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; Estimated construction cost of \$4,024,800

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

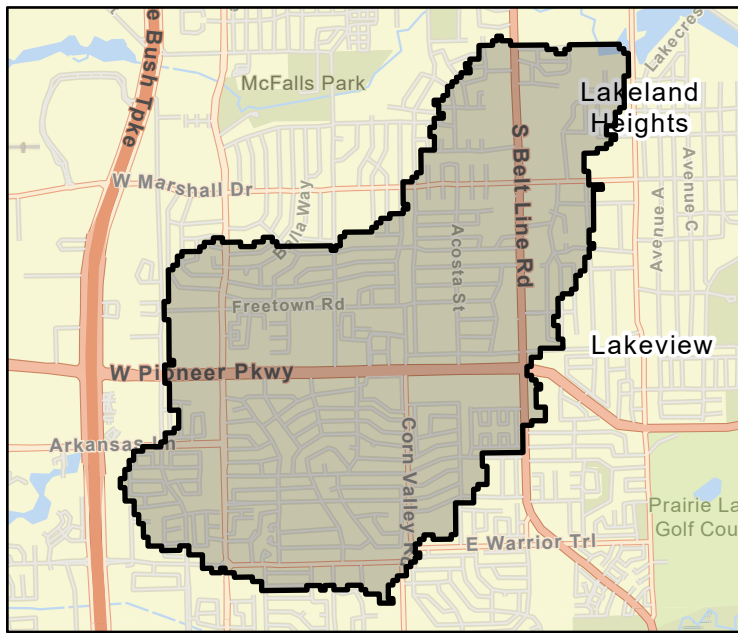
Farm/Ranch land impacted (acres) 3 Roadway(s) impacted (length) 0

Number of low water crossings 1 Historical road closures -

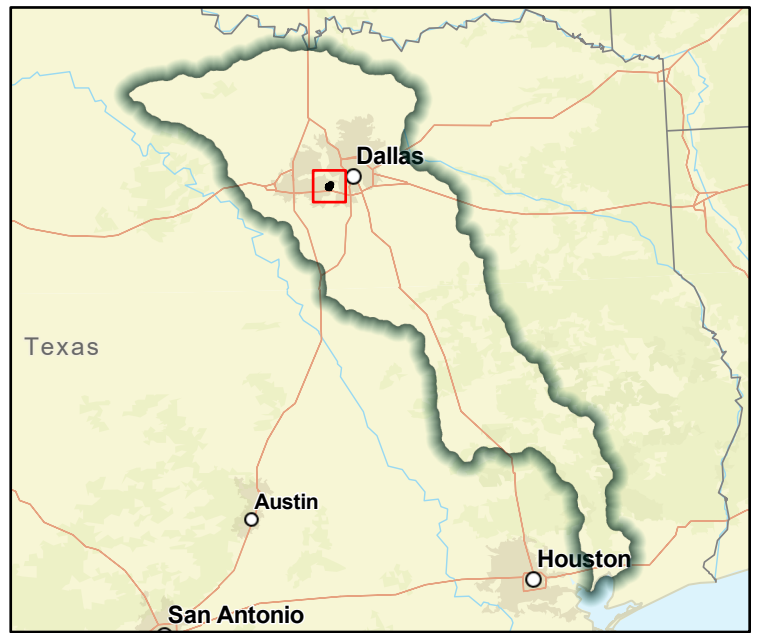
## Estimated Cost and Funding Availability

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 **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; Estimated construction cost of \$1,295,700**

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

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

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**

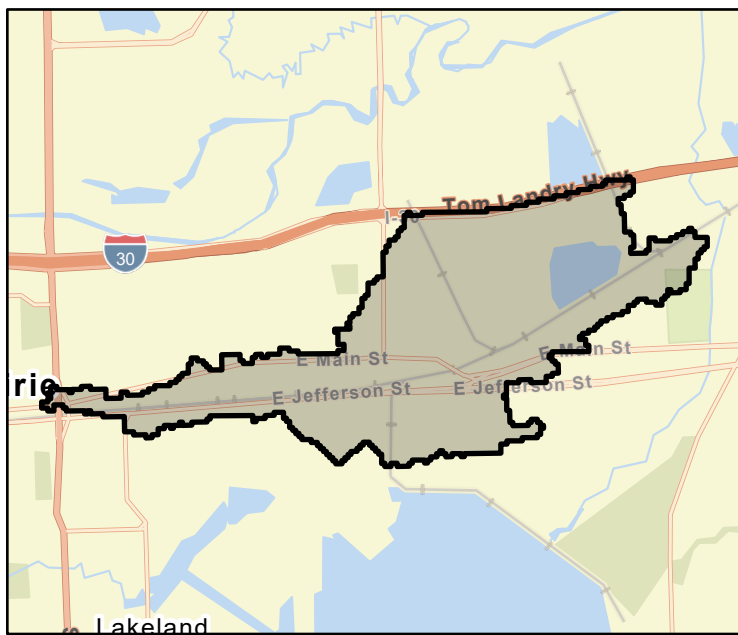
Farm/Ranch land impacted (acres) **10** Roadway(s) impacted (length) **1**

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

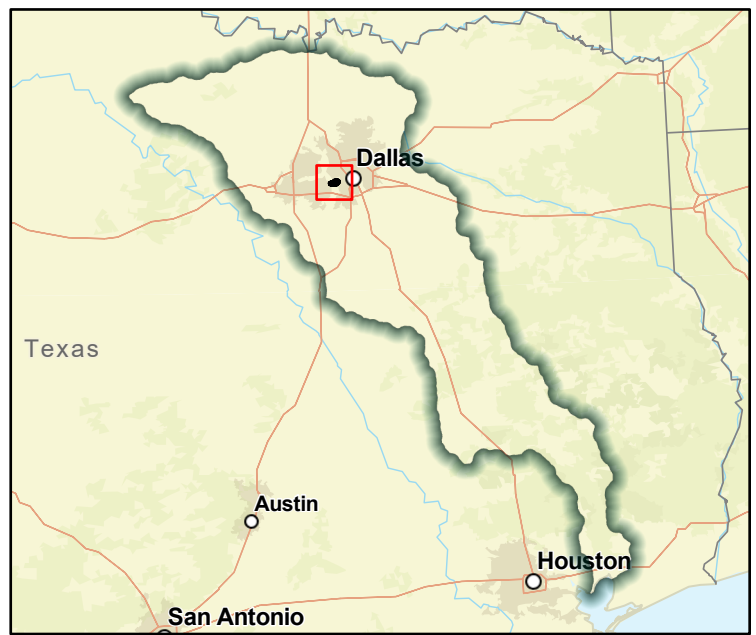
## Estimated Cost and Funding Availability

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

Funding source **Local, State**



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; Estimated construction cost of \$967,600**

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

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**

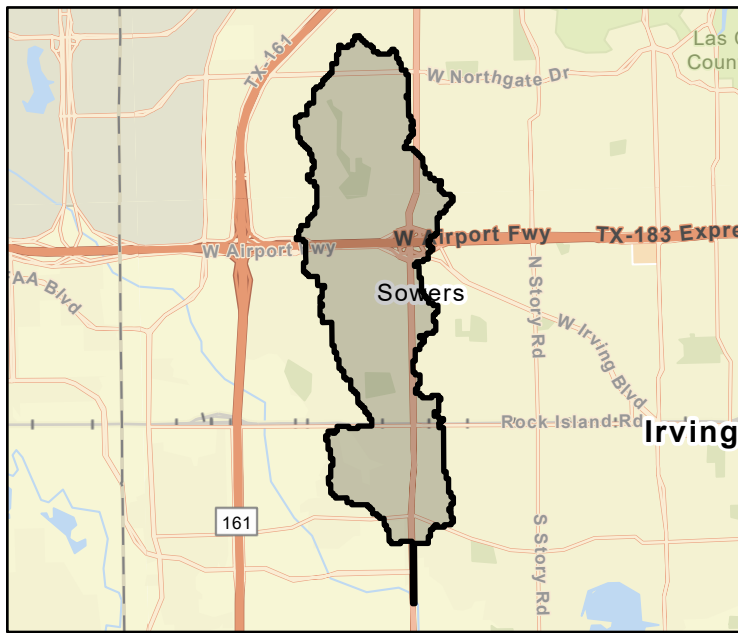
Farm/Ranch land impacted (acres) **1** Roadway(s) impacted (length) **1**

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

## Estimated Cost and Funding Availability

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

Funding source **Local, State**



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; Estimated construction cost of \$2,007,600

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

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

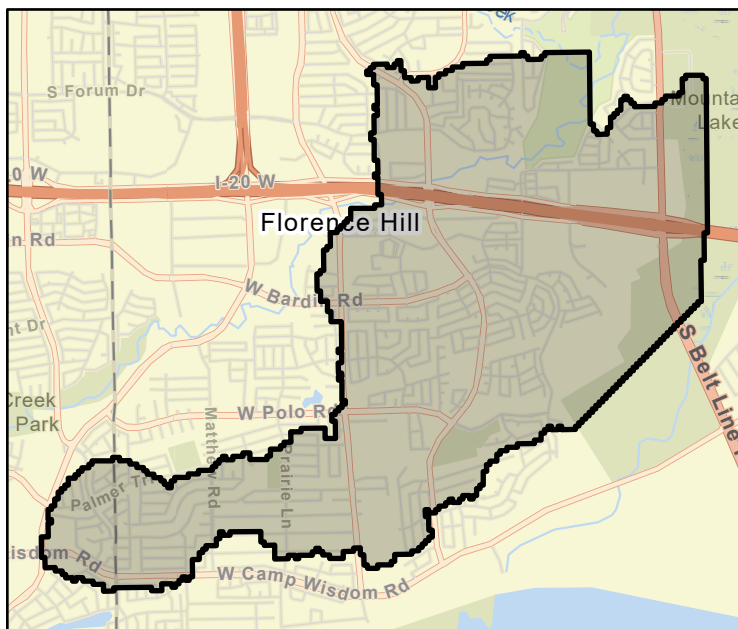
Farm/Ranch land impacted (acres) 27 Roadway(s) impacted (length) 1

Number of low water crossings 0 Historical road closures -

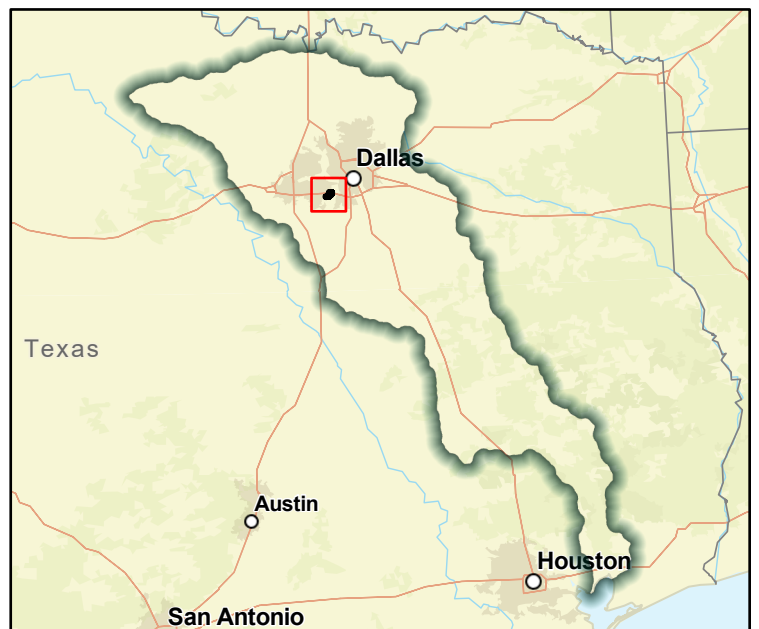
## Estimated Cost and Funding Availability

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 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

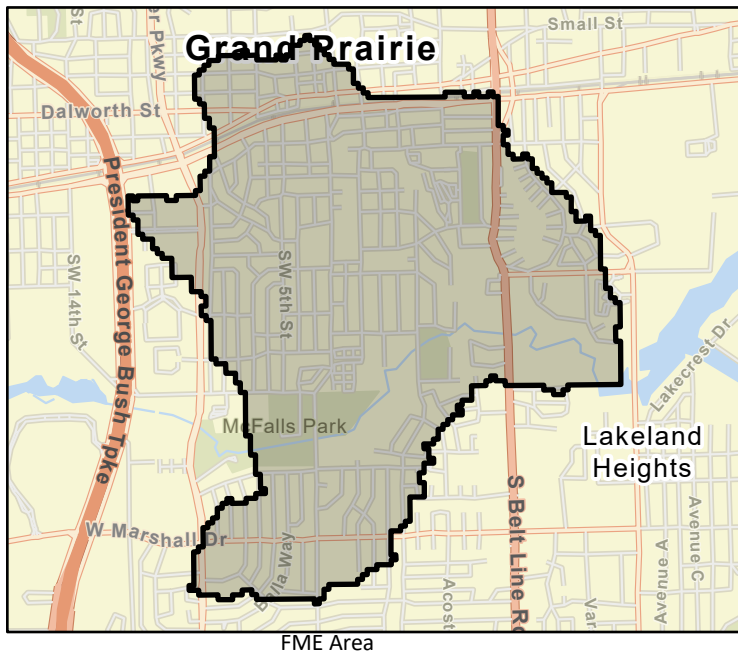
Study type Project Planning  
 Study description Study update - Storm Drain Improvements; Estimated construction cost of \$2,715,600  
 New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes  
 County Dallas Watershed HUC# (if known) 120301020607,120301020706  
 Drainage area (Square miles, est.) 2 Goal(s) 03000031, 03000032

## 100-Year Flood Risk Summary

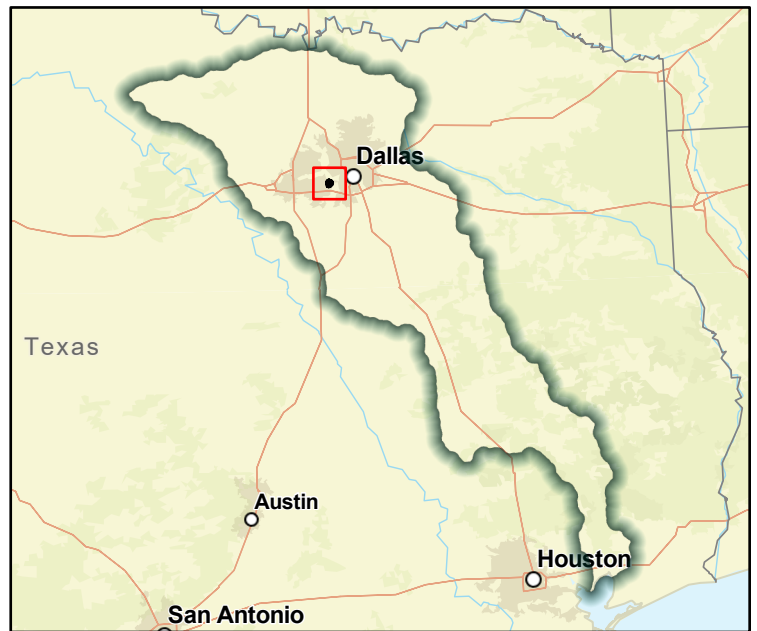
Population at risk 433 # of structures 42 Critical facilities 0  
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No  
 Farm/Ranch land impacted (acres) 8 Roadway(s) impacted (length) 1  
 Number of low water crossings 2 Historical road closures -

## Estimated Cost and Funding Availability

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



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; Estimated construction cost of \$5,825,500**

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

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**

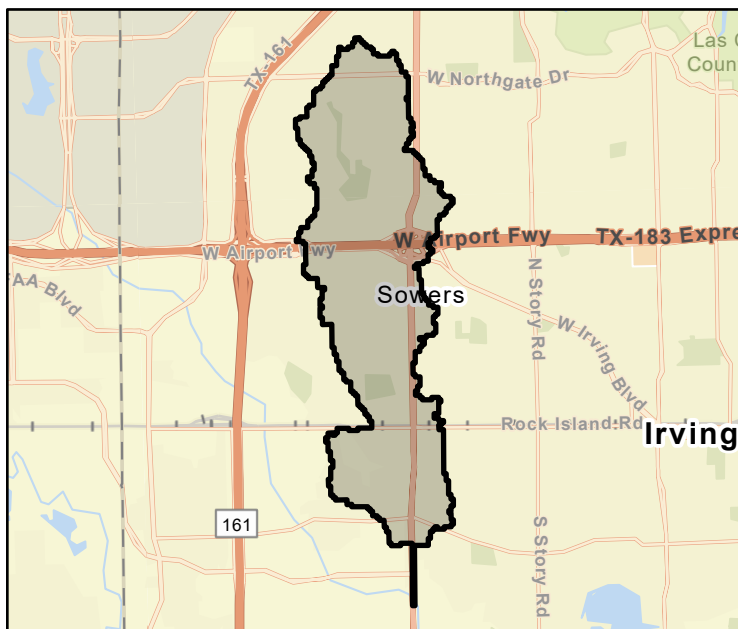
Farm/Ranch land impacted (acres) **1** Roadway(s) impacted (length) **1**

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

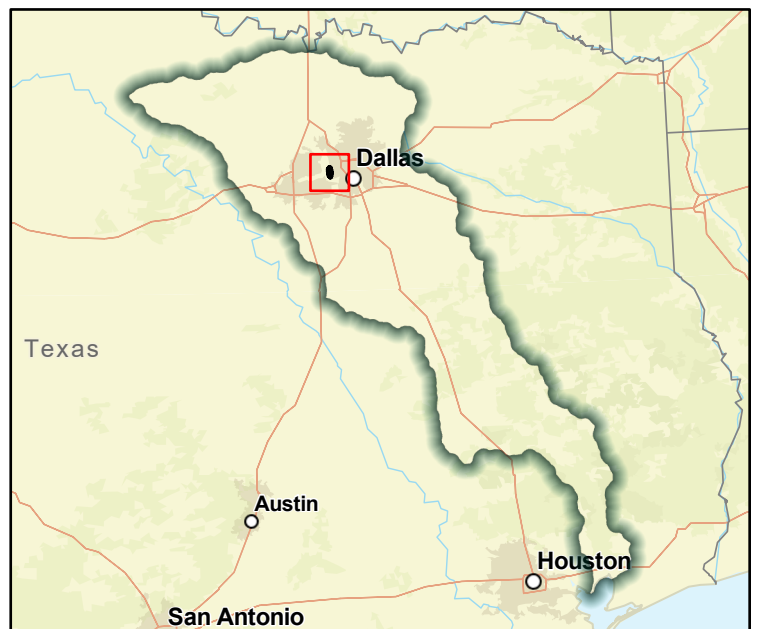
## Estimated Cost and Funding Availability

Total Cost **\$291,000** Amount of Available Funding **29,100** Federal funding availability **Yes**

Funding source **Local, State**



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; Estimated construction cost of \$1,419,800

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

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 4

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

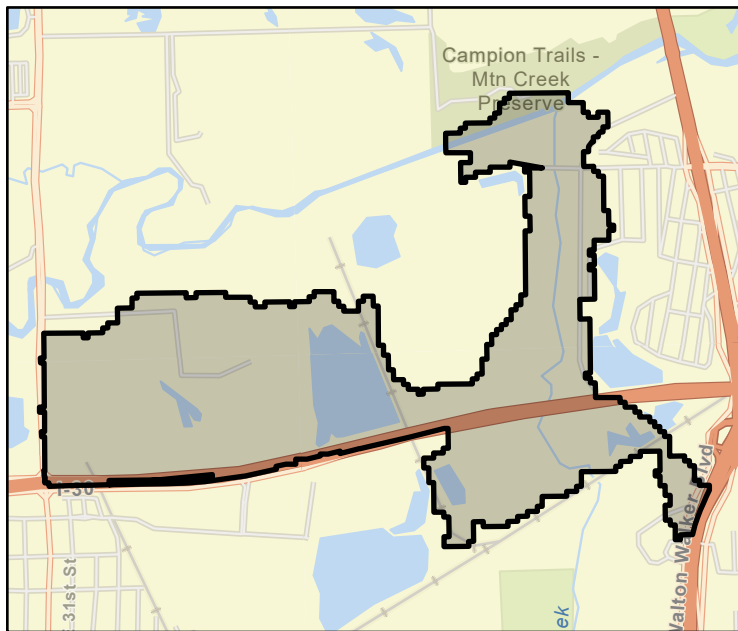
Farm/Ranch land impacted (acres) 144 Roadway(s) impacted (length) 1

Number of low water crossings 0 Historical road closures -

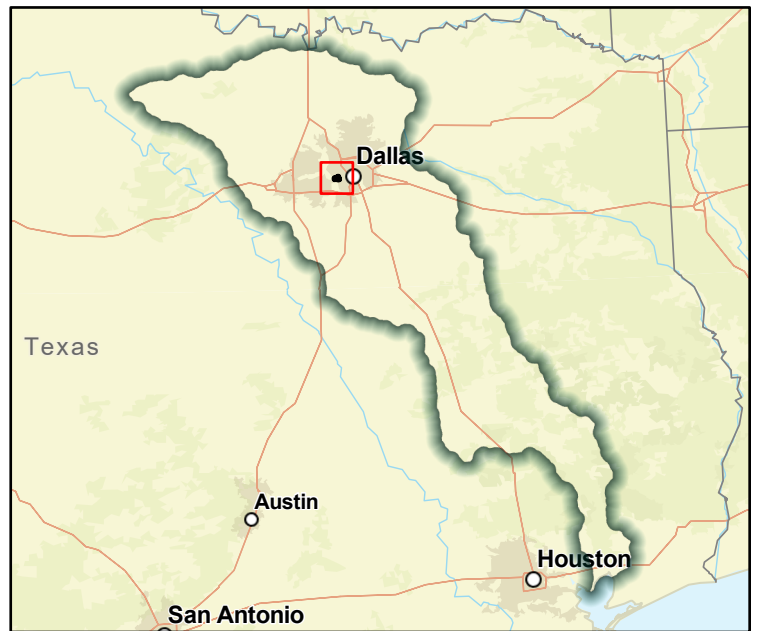
## Estimated Cost and Funding Availability

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

Funding source Local, State



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; Estimated construction cost of \$6,399,100

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

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

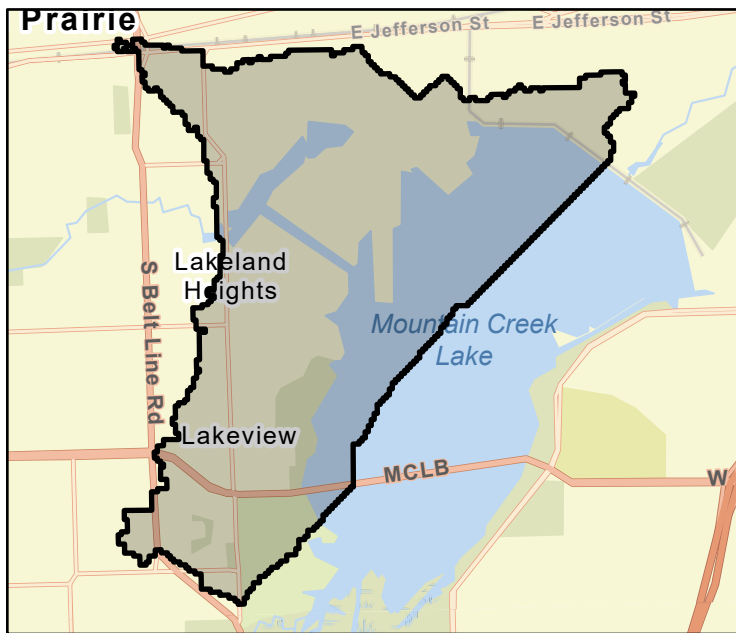
Farm/Ranch land impacted (acres) 28 Roadway(s) impacted (length) 1

Number of low water crossings 0 Historical road closures -

## Estimated Cost and Funding Availability

Total Cost \$320,000 Amount of Available Funding 32,000 Federal funding availability Yes

Funding source Local, State



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; Estimated construction cost of \$3,570,700**

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

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**

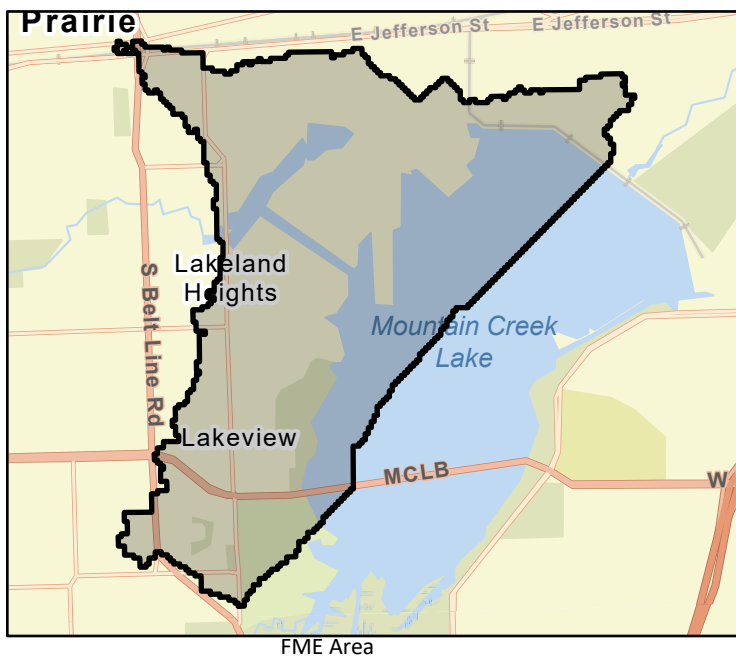
Farm/Ranch land impacted (acres) **28** Roadway(s) impacted (length) **1**

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

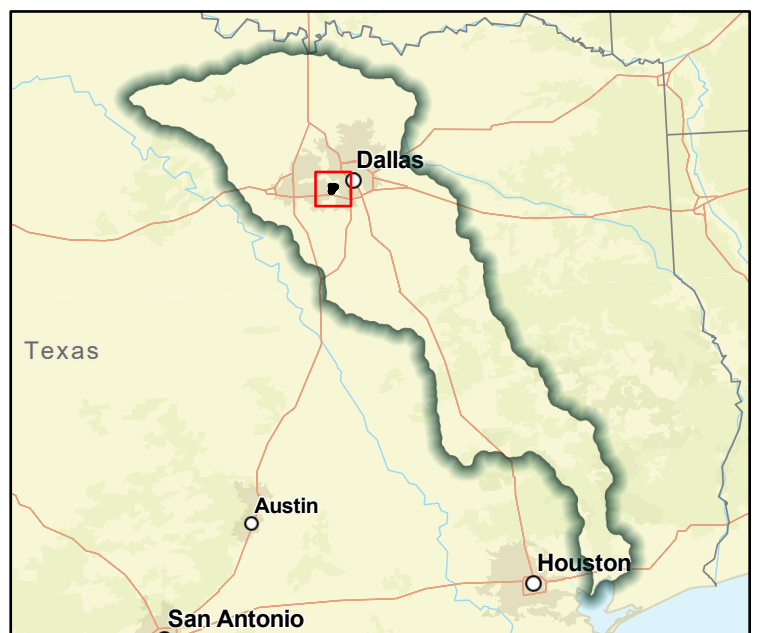
## Estimated Cost and Funding Availability

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 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

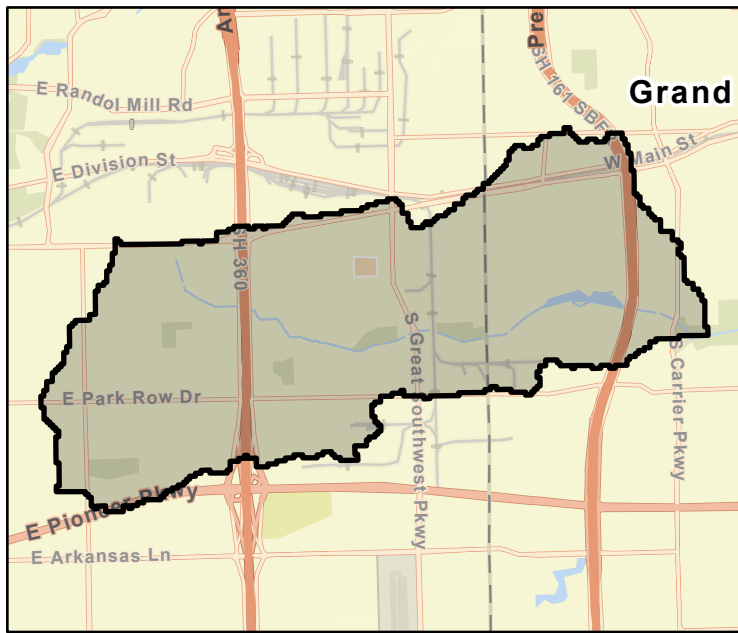
Study type Project Planning  
 Study description Study update - Storm Drain Improvements; Estimated construction cost of \$1,625,900  
 New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes  
 County Dallas Watershed HUC# (if known) 120301020607,120301020706,120301020702  
 Drainage area (Square miles, est.) 6 Goal(s) 03000031, 03000032

## 100-Year Flood Risk Summary

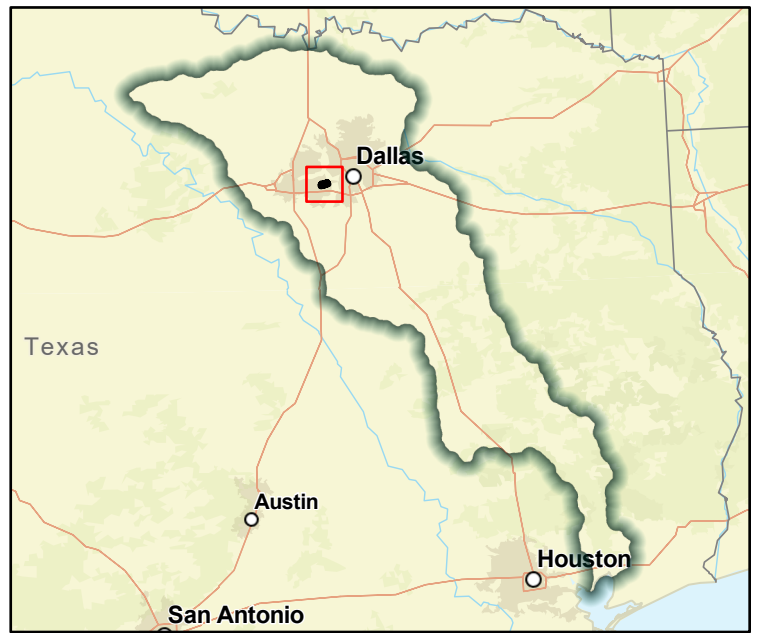
Population at risk 350 # of structures 61 Critical facilities 1  
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No  
 Farm/Ranch land impacted (acres) 16 Roadway(s) impacted (length) 3  
 Number of low water crossings 5 Historical road closures -

## Estimated Cost and Funding Availability

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



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; Estimated construction cost of \$5,095,800**

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

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 **1**

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

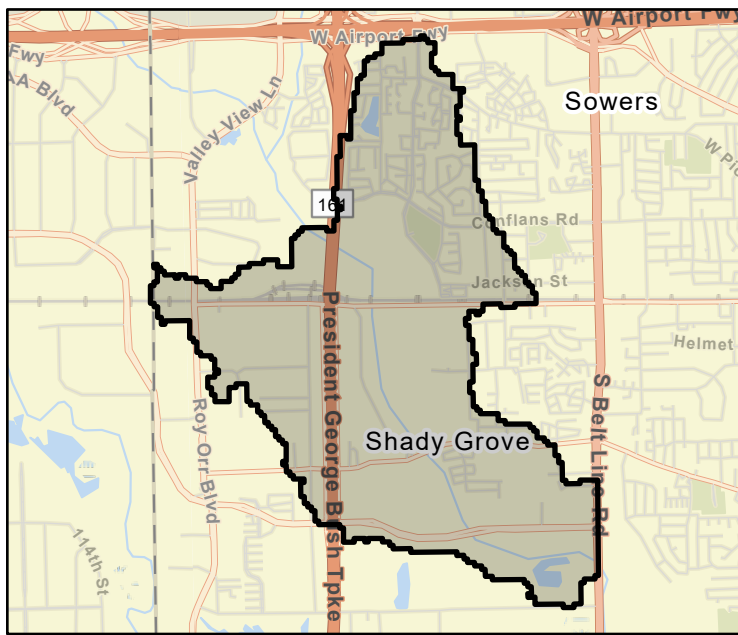
Farm/Ranch land impacted (acres) **169** Roadway(s) impacted (length) **5**

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

## Estimated Cost and Funding Availability

Total Cost **\$255,000** Amount of Available Funding **25,500** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area