

# Flood Management Evaluation (FME)



Title **Floodplain Mapping Updates of Timber Creek Tributary 10**

ID# **031000498**

Sponsor (name of entity, not person) **Flower Mound**

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

## Study Details

Study type **Watershed Planning**

Study description **Floodplain mapping of Timber Creek Tributary 10 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.**

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

County **Denton** Watershed HUC# (if known) **120301031001,120301031002**

Drainage area (Square miles, est.) **0** Goal(s) **03000005, 03000006, 03000009, 03000010**

## 100-Year Flood Risk Summary

Population at risk **676** # of structures **162** Critical facilities **17**

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

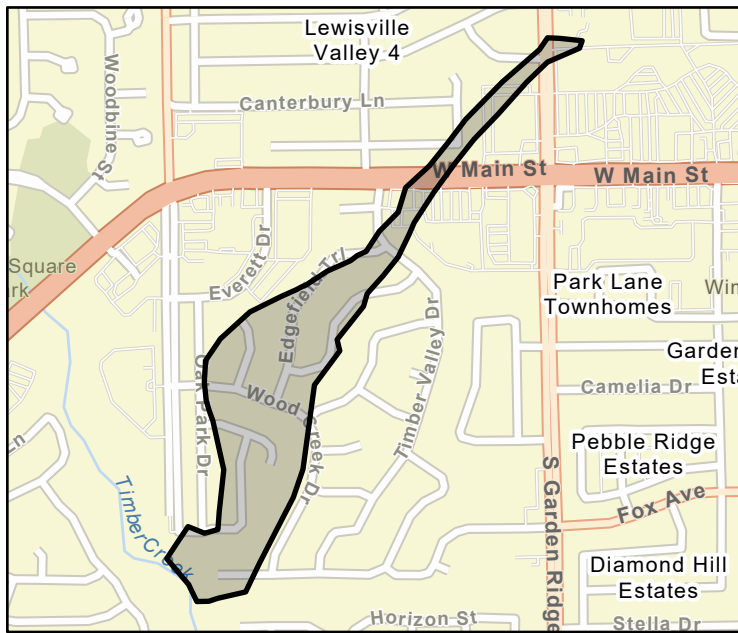
Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **15**

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

## Estimated Cost and Funding Availability

Total Cost **\$55,000** Amount of Available Funding **5,500** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title Floodplain Mapping Updates of Timber Creek Tributary 11

ID# 031000499

Sponsor (name of entity, not person) Flower Mound

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

## Study Details

Study type Watershed Planning

Study description Floodplain mapping of Timber Creek Tributary 11 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.

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

County Denton Watershed HUC# (if known) 120301031001,120301031002

Drainage area (Square miles, est.) 0 Goal(s) 03000005, 03000006, 03000009, 03000010

## 100-Year Flood Risk Summary

Population at risk 1,142 # of structures 384 Critical facilities 38

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

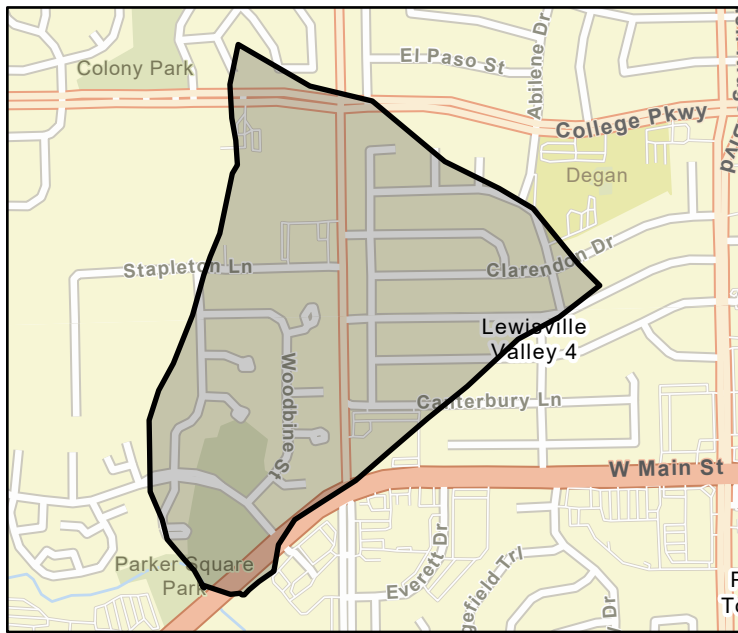
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 37

Number of low water crossings 0 Historical road closures -

## Estimated Cost and Funding Availability

Total Cost \$56,000 Amount of Available Funding 5,600 Federal funding availability Yes

Funding source Local, State



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title Floodplain Mapping Updates of Timber Creek Tributary 13

ID# 031000500

Sponsor (name of entity, not person) Flower Mound

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

## Study Details

Study type Watershed Planning

Study description Floodplain mapping of Timber Creek Tributary 13 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.

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

County Denton Watershed HUC# (if known) 120301031001,120301031002

Drainage area (Square miles, est.) 0 Goal(s) 03000005, 03000006, 03000009, 03000010

## 100-Year Flood Risk Summary

Population at risk 865 # of structures 159 Critical facilities 13

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

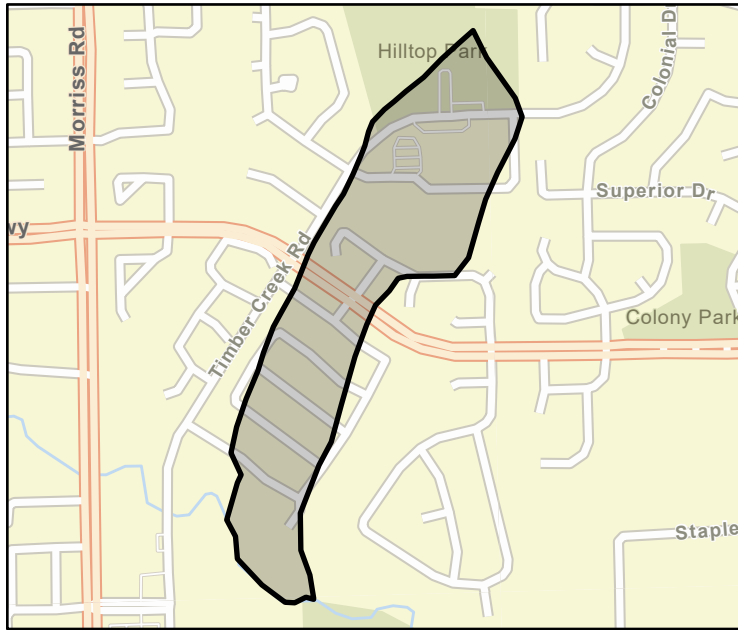
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 15

Number of low water crossings 0 Historical road closures -

## Estimated Cost and Funding Availability

Total Cost \$56,000 Amount of Available Funding 5,600 Federal funding availability Yes

Funding source Local, State



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Floodplain Mapping Updates of Timber Creek Tributary 16**

ID# **031000501**

Sponsor (name of entity, not person) **Flower Mound**

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

## Study Details

Study type **Watershed Planning**

Study description **Floodplain mapping of Timber Creek Tributary 16 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.**

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

County **Denton** Watershed HUC# (if known) **120301030805,120301031002**

Drainage area (Square miles, est.) **1** Goal(s) **03000005, 03000006, 03000009, 03000010**

## 100-Year Flood Risk Summary

Population at risk **6,930** # of structures **874** Critical facilities **85**

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

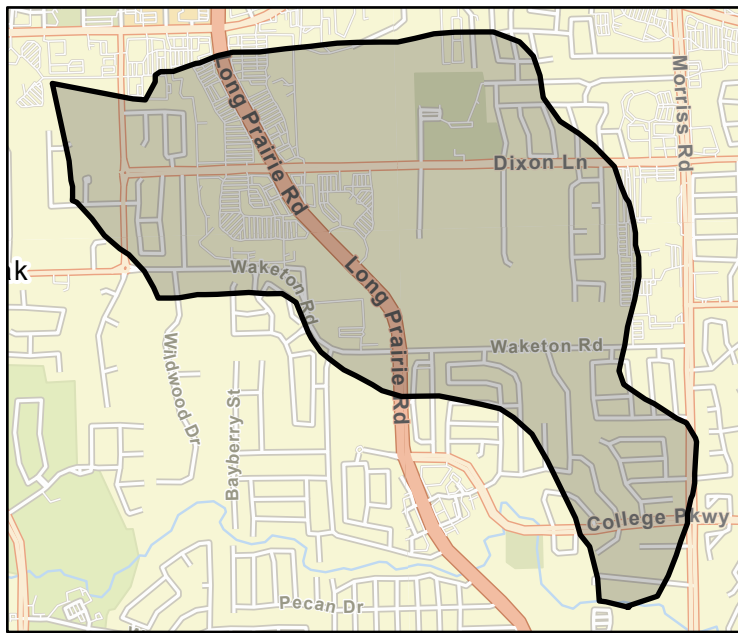
Farm/Ranch land impacted (acres) **260** Roadway(s) impacted (length) **71**

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

## Estimated Cost and Funding Availability

Total Cost **\$56,000** Amount of Available Funding **5,600** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Floodplain Mapping Updates of Timber Creek Tributary 17**

ID# **031000502**

Sponsor (name of entity, not person) **Flower Mound**

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

## Study Details

Study type **Watershed Planning**

Study description **Floodplain mapping of Timber Creek Tributary 17 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.**

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

County **Denton** Watershed HUC# (if known) **120301031002,120301040306**

Drainage area (Square miles, est.) **0** Goal(s) **03000005, 03000006, 03000009, 03000010**

## 100-Year Flood Risk Summary

Population at risk **1,359** # of structures **413** Critical facilities **53**

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

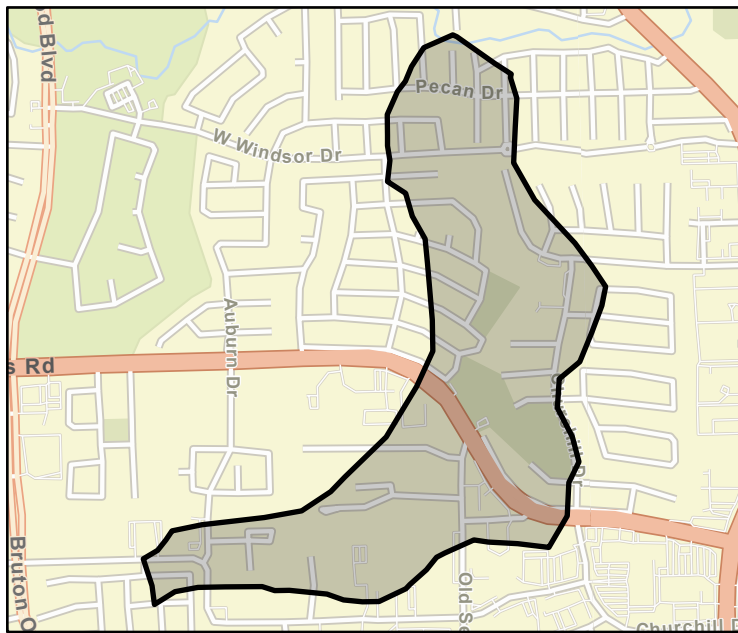
Farm/Ranch land impacted (acres) **48** Roadway(s) impacted (length) **57**

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

## Estimated Cost and Funding Availability

Total Cost **\$57,000** Amount of Available Funding **5,700** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title Floodplain Mapping Updates of Timber Creek Tributary 18

ID# 031000503

Sponsor (name of entity, not person) Flower Mound

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

## Study Details

Study type Watershed Planning

Study description Floodplain mapping of Timber Creek Tributary 18 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.

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

County Denton Watershed HUC# (if known) 120301031002,120301040306

Drainage area (Square miles, est.) 0 Goal(s) 03000005, 03000006, 03000009, 03000010

## 100-Year Flood Risk Summary

Population at risk 1,456 # of structures 444 Critical facilities 42

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

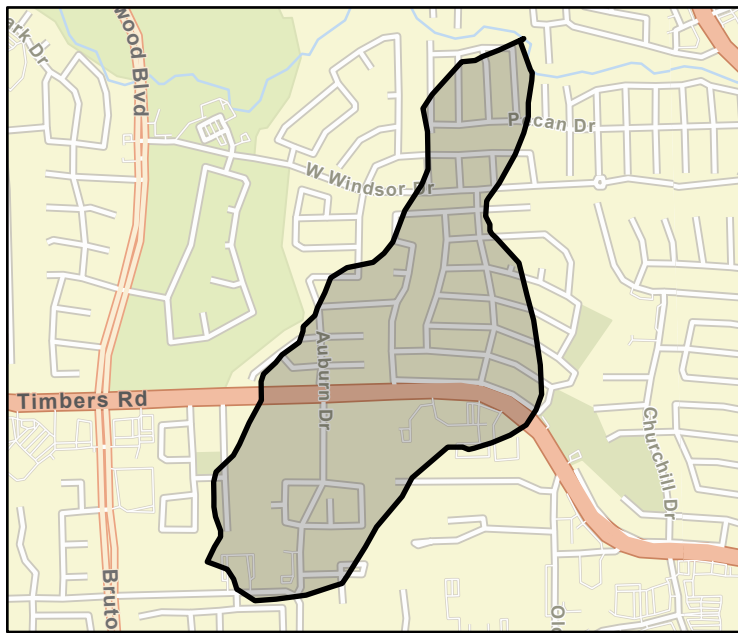
Farm/Ranch land impacted (acres) 18 Roadway(s) impacted (length) 49

Number of low water crossings 0 Historical road closures -

## Estimated Cost and Funding Availability

Total Cost \$56,000 Amount of Available Funding 5,600 Federal funding availability Yes

Funding source Local, State



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title Floodplain Mapping Updates of Tributary C to Timber Creek

ID# 031000504

Sponsor (name of entity, not person) Flower Mound

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

## Study Details

Study type Watershed Planning

Study description Floodplain mapping of Tributary C to Timber Creek to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.

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

County Denton Watershed HUC# (if known) 120301031001,120301030805,120301031002

Drainage area (Square miles, est.) 0 Goal(s) 03000005, 03000006, 03000009, 03000010

## 100-Year Flood Risk Summary

Population at risk 4,355 # of structures 625 Critical facilities 57

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

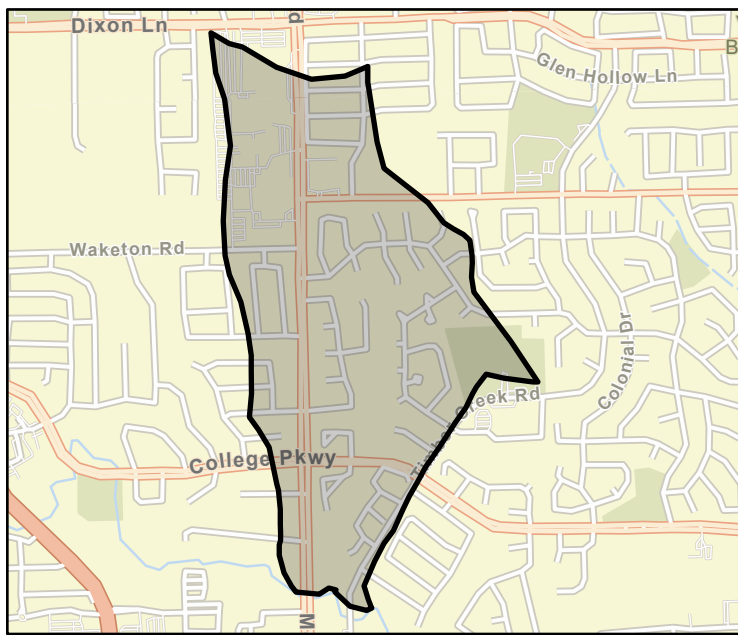
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 47

Number of low water crossings 0 Historical road closures -

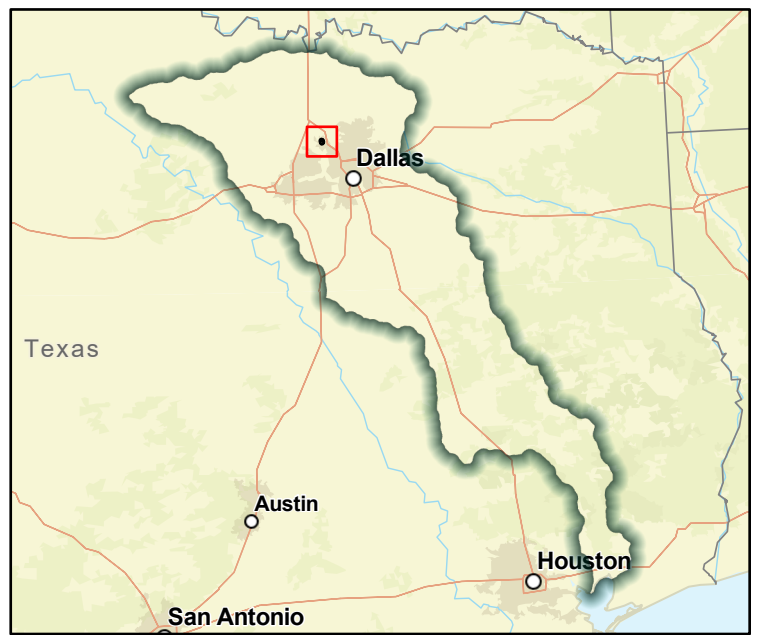
## Estimated Cost and Funding Availability

Total Cost \$56,000 Amount of Available Funding 5,600 Federal funding availability Yes

Funding source Local, State



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Floodplain Mapping Updates of Unnamed 4**

ID# **031000505**

Sponsor (name of entity, not person) **Flower Mound**

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

## Study Details

Study type **Watershed Planning**

Study description **Floodplain mapping of Unnamed 4 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.**

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

County **Denton** Watershed HUC# (if known) **120301031002,120301040306,120301040305**

Drainage area (Square miles, est.) **3** Goal(s) **03000005, 03000006, 03000009, 03000010**

## 100-Year Flood Risk Summary

Population at risk **2,154** # of structures **605** Critical facilities **57**

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

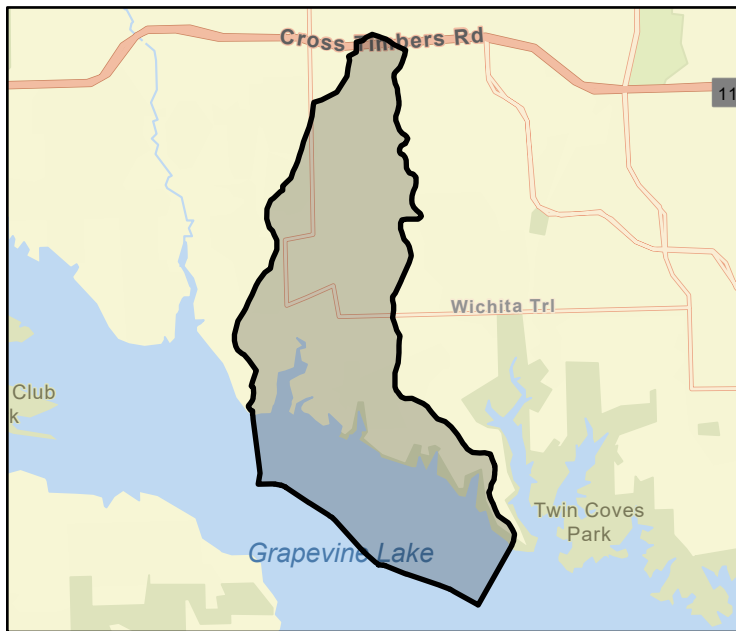
Farm/Ranch land impacted (acres) **422** Roadway(s) impacted (length) **47**

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

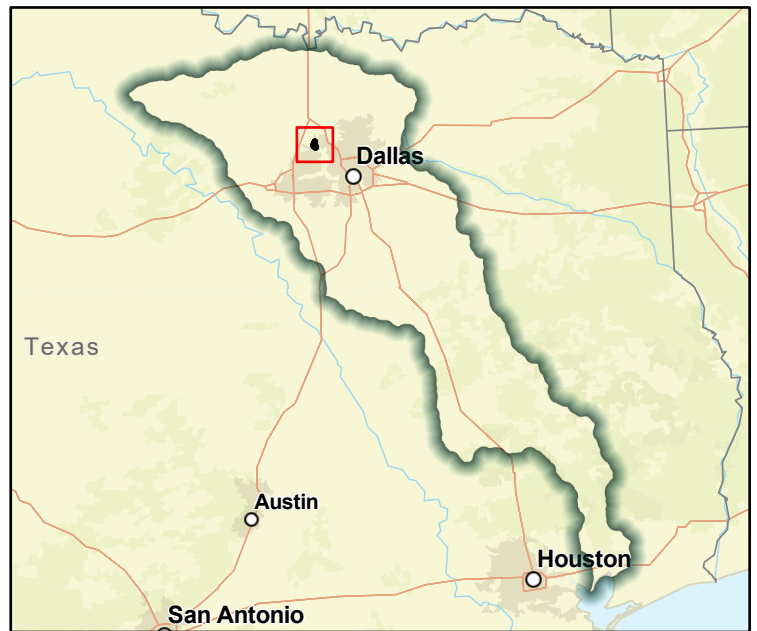
## Estimated Cost and Funding Availability

Total Cost **\$60,000** Amount of Available Funding **6,000** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area



# Flood Management Evaluation (FME)



Title **Floodplain Mapping Updates of Unnamed 5 Tributary 1.2**

ID# **031000506**

Sponsor (name of entity, not person) **Flower Mound**

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

## Study Details

Study type **Watershed Planning**

Study description **Floodplain mapping of Unnamed 5 Tributary 1.2 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.**

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

County **Denton** Watershed HUC# (if known) **120301031002,120301040306**

Drainage area (Square miles, est.) **0** Goal(s) **03000005, 03000006, 03000009, 03000010**

## 100-Year Flood Risk Summary

Population at risk **484** # of structures **91** Critical facilities **29**

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

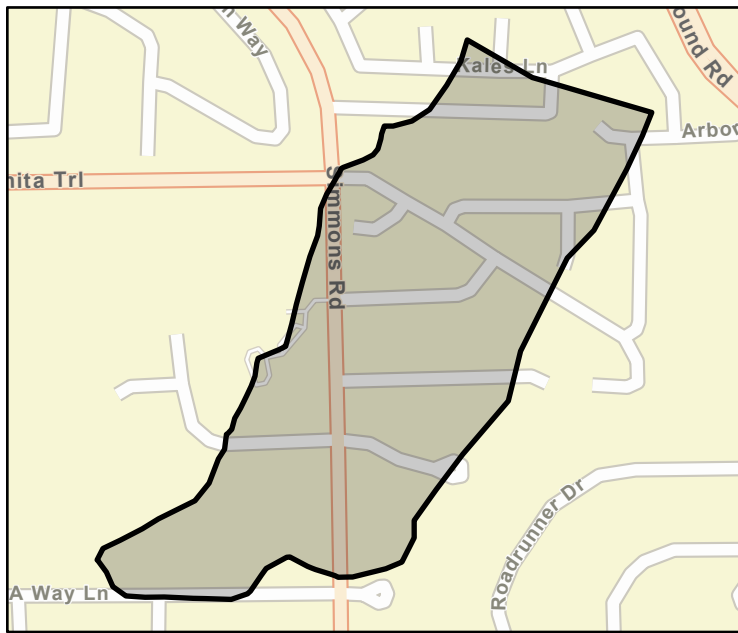
Farm/Ranch land impacted (acres) **4** Roadway(s) impacted (length) **8**

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

## Estimated Cost and Funding Availability

Total Cost **\$58,000** Amount of Available Funding **5,800** Federal funding availability **Yes**

Funding source **Local, State**



# Flood Management Evaluation (FME)



Title **Floodplain Mapping Updates of Unnamed 5 Tributary 1**

ID# **031000507**

Sponsor (name of entity, not person) **Flower Mound**

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

## Study Details

Study type **Watershed Planning**

Study description **Floodplain mapping of Unnamed 5 Tributary 1 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.**

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

County **Denton** Watershed HUC# (if known) **120301031002,120301040306**

Drainage area (Square miles, est.) **1** Goal(s) **03000005, 03000006, 03000009, 03000010**

## 100-Year Flood Risk Summary

Population at risk **2,129** # of structures **524** Critical facilities **79**

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

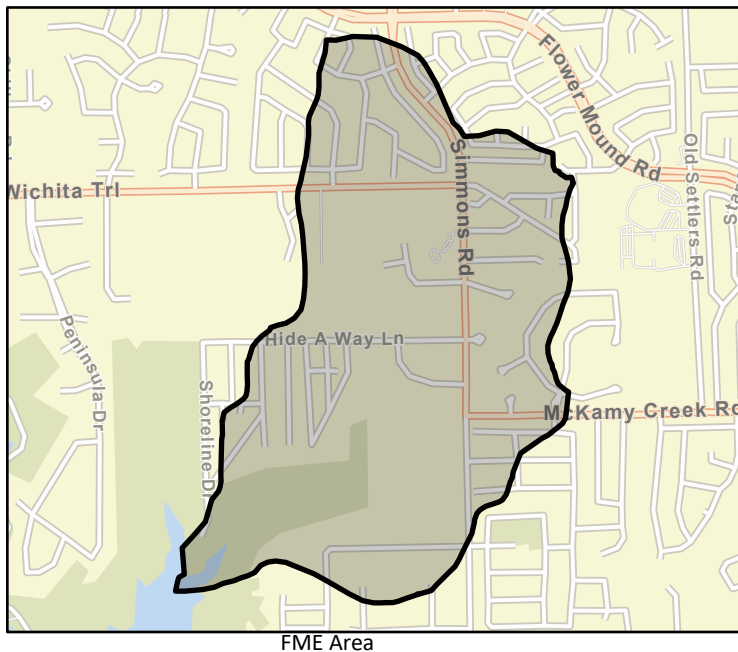
Farm/Ranch land impacted (acres) **68** Roadway(s) impacted (length) **34**

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

## Estimated Cost and Funding Availability

Total Cost **\$57,000** Amount of Available Funding **5,700** Federal funding availability **Yes**

Funding source **Local, State**



# Flood Management Evaluation (FME)



Title Floodplain Mapping Updates of Unnamed Tributary to Bakers Branch  
 ID# 031000508  
 Sponsor (name of entity, not person) Flower Mound  
 RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance

## Study Details

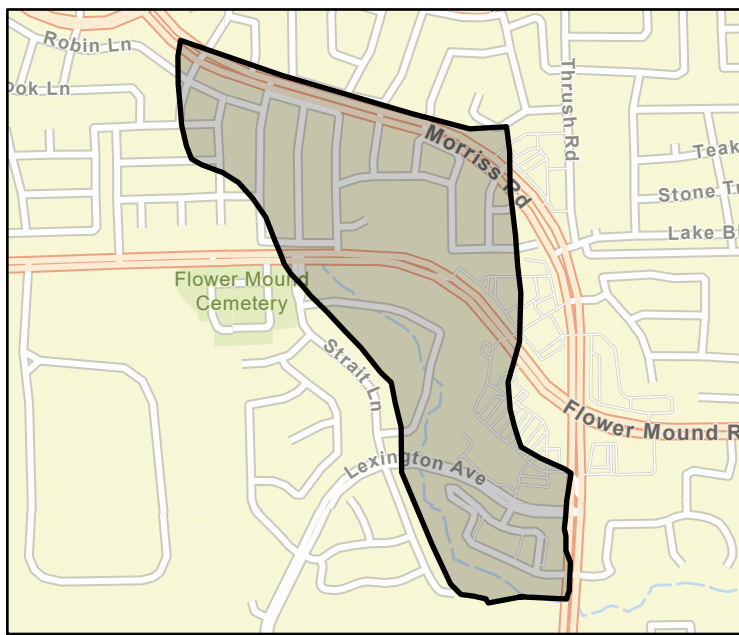
Study type Watershed Planning  
 Study description Floodplain mapping of Unnamed Tributary to Bakers Branch to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.  
 New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? No  
 County Denton Watershed HUC# (if known) 120301031002,120301040307  
 Drainage area (Square miles, est.) 0 Goal(s) 03000005, 03000006, 03000009, 03000010

## 100-Year Flood Risk Summary

Population at risk 1,248 # of structures 245 Critical facilities 37  
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No  
 Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 35  
 Number of low water crossings 0 Historical road closures -

## Estimated Cost and Funding Availability

Total Cost \$56,000 Amount of Available Funding 5,600 Federal funding availability Yes  
 Funding source Local, State



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Floodplain Mapping Updates of WB-1 Tributary 1**

ID# **031000509**

Sponsor (name of entity, not person) **Flower Mound**

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

## Study Details

Study type **Watershed Planning**

Study description **Floodplain mapping of WB-1 Tributary 1 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.**

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

County **Denton** Watershed HUC# (if known) **120301040304,120301040305**

Drainage area (Square miles, est.) **0** Goal(s) **03000005, 03000006, 03000009, 03000010**

## 100-Year Flood Risk Summary

Population at risk **21** # of structures **2** Critical facilities **7**

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

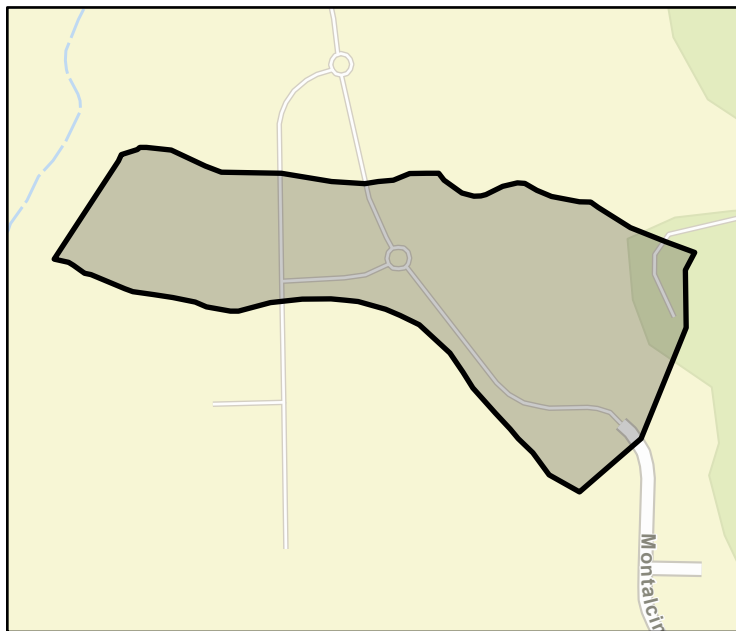
Farm/Ranch land impacted (acres) **13** Roadway(s) impacted (length) **2**

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

## Estimated Cost and Funding Availability

Total Cost **\$59,000** Amount of Available Funding **5,900** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Floodplain Mapping Updates of Whites Branch Tributary 2.1**

ID# **031000510**

Sponsor (name of entity, not person) **Flower Mound**

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

## Study Details

Study type **Watershed Planning**

Study description **Floodplain mapping updates of Whites Branch Tributary 2.1. Establish BFE's and convert Zone A to Zone AE via a LOMR.**

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

County **Denton** Watershed HUC# (if known) **120301040304**

Drainage area (Square miles, est.) **0** Goal(s) **03000005, 03000006**

## 100-Year Flood Risk Summary

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

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

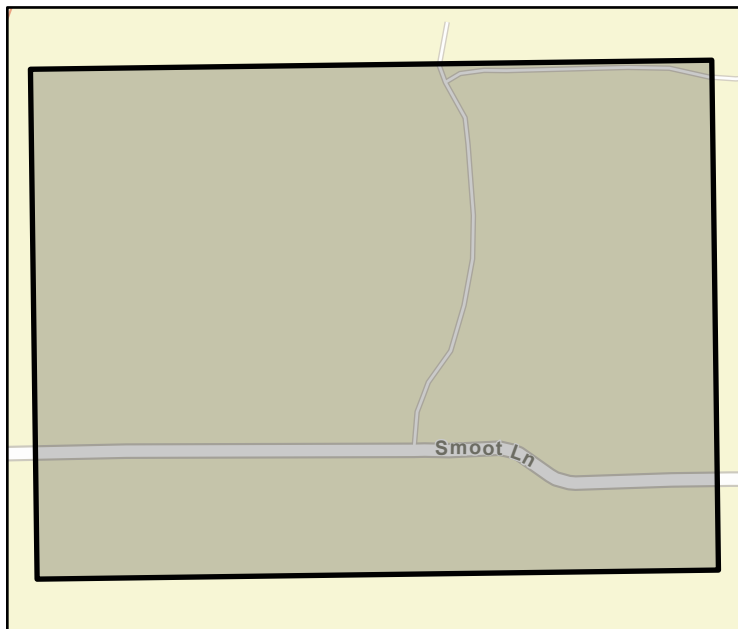
Farm/Ranch land impacted (acres) **18** Roadway(s) impacted (length) **0**

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

## Estimated Cost and Funding Availability

Total Cost **\$58,000** Amount of Available Funding **5,800** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Floodplain Mapping Updates of Whites Branch Tributary 2**

ID# **031000511**

Sponsor (name of entity, not person) **Flower Mound**

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

## Study Details

Study type **Watershed Planning**

Study description **Floodplain mapping updates of Whites Branch Tributary 2. Establish BFE's and convert Zone A to Zone AE via a LOMR.**

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

County **Denton** Watershed HUC# (if known) **120301040304**

Drainage area (Square miles, est.) **2** Goal(s) **03000005, 03000006**

## 100-Year Flood Risk Summary

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

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

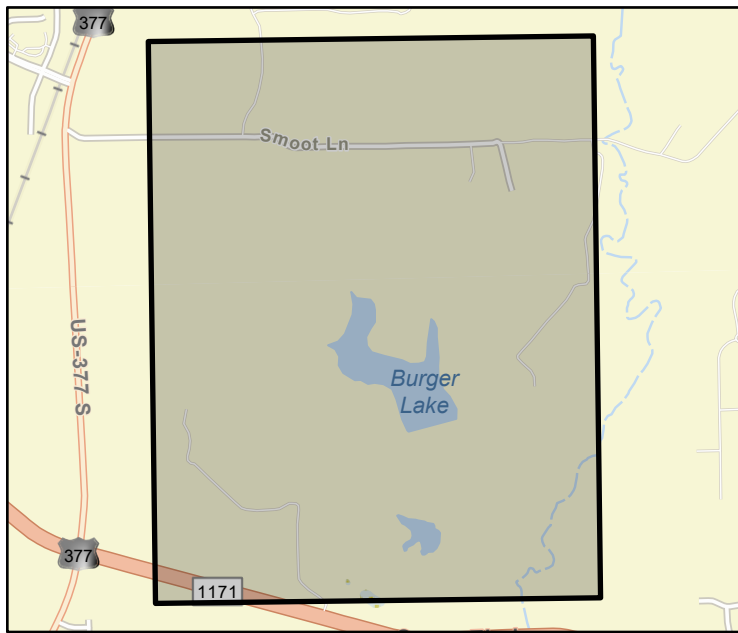
Farm/Ranch land impacted (acres) **55** Roadway(s) impacted (length) **0**

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

## Estimated Cost and Funding Availability

Total Cost **\$61,000** Amount of Available Funding **6,100** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Floodplain Mapping Updates of Whites Branch**

ID# **031000512**

Sponsor (name of entity, not person) **Flower Mound**

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

## Study Details

Study type **Watershed Planning**

Study description **Floodplain mapping updates of Whites Branch. Establish BFE's and convert Zone A to Zone AE via a LOMR.**

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

County **Denton** Watershed HUC# (if known) **120301040304,120301040305**

Drainage area (Square miles, est.) **1** Goal(s) **03000005, 03000006**

## 100-Year Flood Risk Summary

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

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

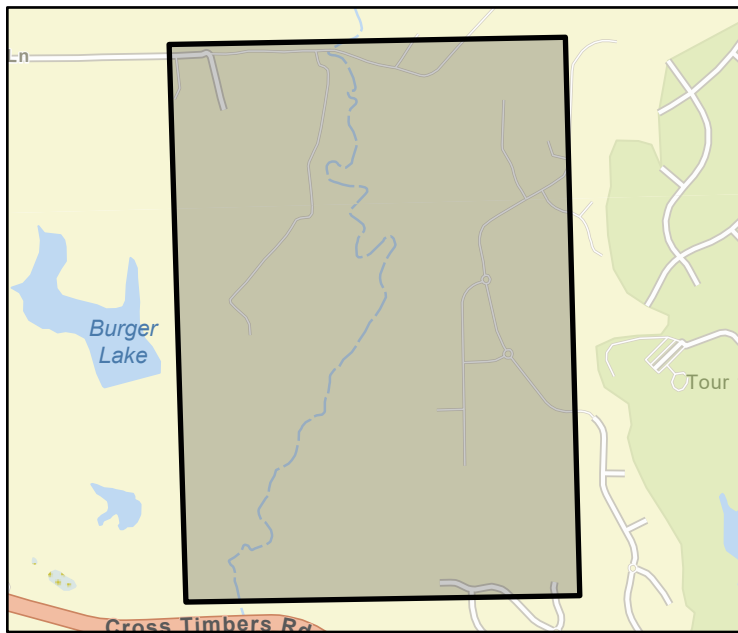
Farm/Ranch land impacted (acres) **18** Roadway(s) impacted (length) **0**

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

## Estimated Cost and Funding Availability

Total Cost **\$67,000** Amount of Available Funding **6,700** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Floodplain Mapping Updates of Wichita Chase Tributary**

ID# **031000513**

Sponsor (name of entity, not person) **Flower Mound**

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

## Study Details

Study type **Watershed Planning**

Study description **Floodplain mapping updates of Wichita Chase Tributary. Establish BFE's and convert Zone A to Zone AE via a LOMR.**

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

County **Denton** Watershed HUC# (if known) **120301031002,120301040306**

Drainage area (Square miles, est.) **1** Goal(s) **03000005, 03000006**

## 100-Year Flood Risk Summary

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

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

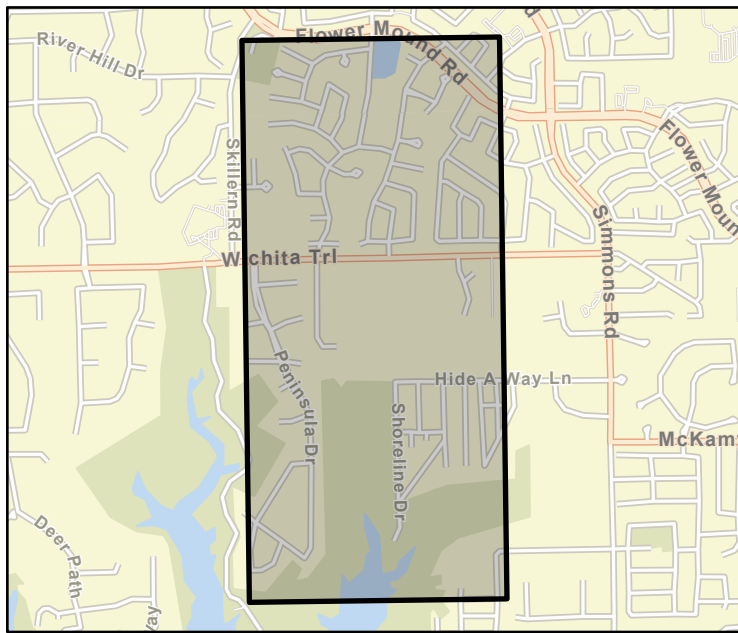
Farm/Ranch land impacted (acres) **10** Roadway(s) impacted (length) **0**

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

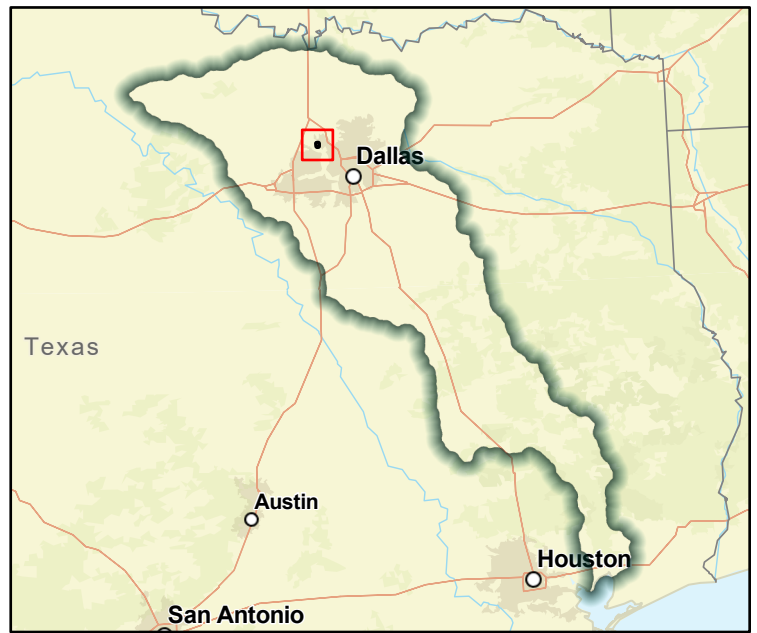
## Estimated Cost and Funding Availability

Total Cost **\$60,000** Amount of Available Funding **6,000** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area



# Flood Management Evaluation (FME)



Title **Floodplain Mapping Updates of Wichita Creek**

ID# **031000514**

Sponsor (name of entity, not person) **Flower Mound**

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

## Study Details

Study type **Watershed Planning**

Study description **Floodplain mapping updates of Wichita Creek. Establish BFE's and convert Zone A to Zone AE via a LOMR.**

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

County **Denton** Watershed HUC# (if known) **120301040306**

Drainage area (Square miles, est.) **0** Goal(s) **03000005, 03000006**

## 100-Year Flood Risk Summary

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

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

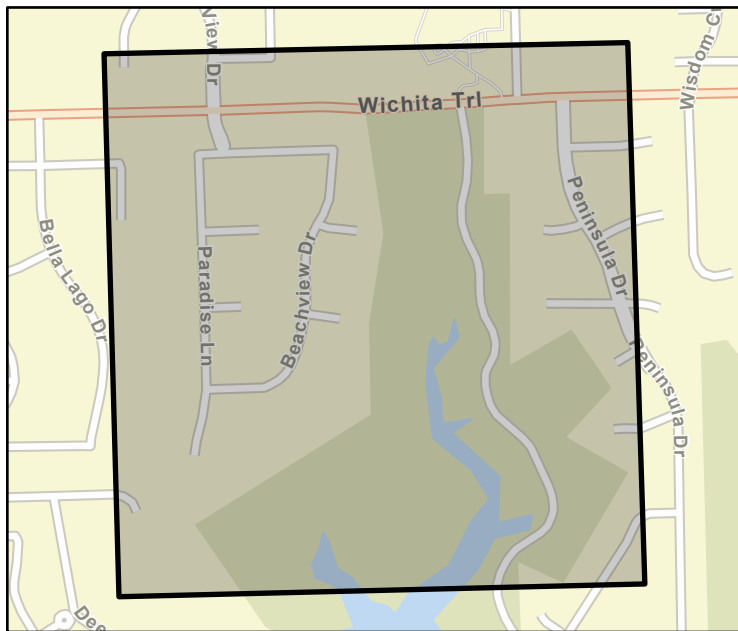
Farm/Ranch land impacted (acres) **4** Roadway(s) impacted (length) **0**

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

## Estimated Cost and Funding Availability

Total Cost **\$64,000** Amount of Available Funding **6,400** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title Hydrologic Updates of Town Wide Fully Developed Hydrology  
 ID# 031000515  
 Sponsor (name of entity, not person) Flower Mound  
 RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance

## Study Details

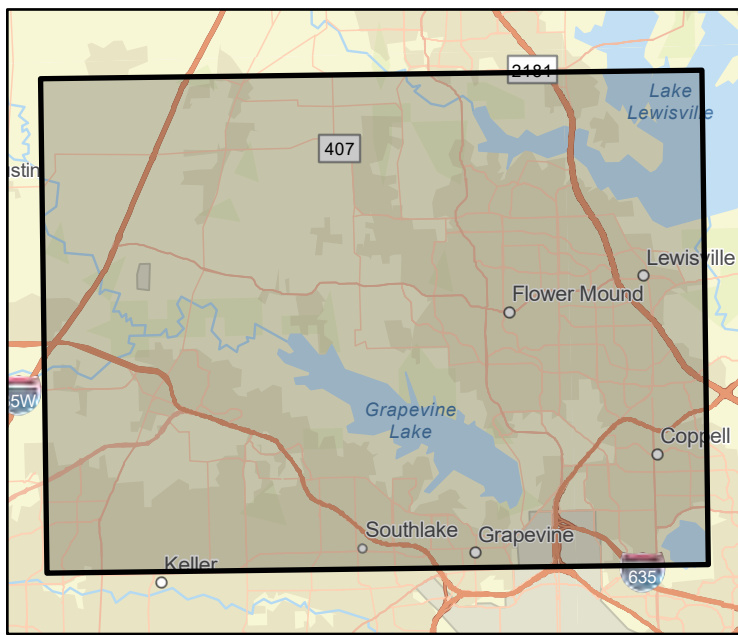
Study type Watershed Planning  
 Study description Hydrologic updates to Town of Flower Mound's Town Wide Fully Developed Hydrologic Model.  
 New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? No  
 County Tarrant,Dallas,Denton Watershed HUC# (if known) 120301020703,120301030902,120301030905,120301030906,120301031  
 Drainage area (Square miles, est.) 242 Goal(s) 03000005, 03000006

## 100-Year Flood Risk Summary

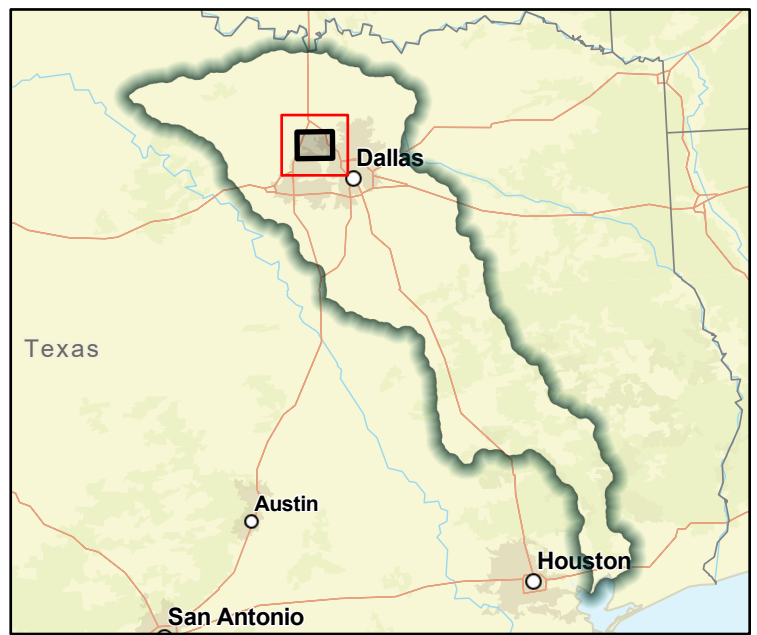
Population at risk 13,218 # of structures 1,485 Critical facilities 0  
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No  
 Farm/Ranch land impacted (acres) 4,911 Roadway(s) impacted (length) 101  
 Number of low water crossings 37 Historical road closures -

## Estimated Cost and Funding Availability

Total Cost \$5,181,000 Amount of Available Funding 518,100 Federal funding availability Yes  
 Funding source Local, State



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title Kaufman County Countywide Drainage Study - Phase 2

ID# 031000516

Sponsor (name of entity, not person) Kaufman County

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

## Study Details

Study type Watershed Planning  
 Study description Kaufman Countywide Drainage Study – Phase 2. Development of detailed hydraulic models for additional areas of high flood risk identified in Phase 1. Perform alternatives analysis and develop FMPs for second cycle of the State Flood Plan.

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

County Kaufman Watershed HUC# (if known) -

Drainage area (Square miles, est.) 1,118 Goal(s) 03000007, 03000008

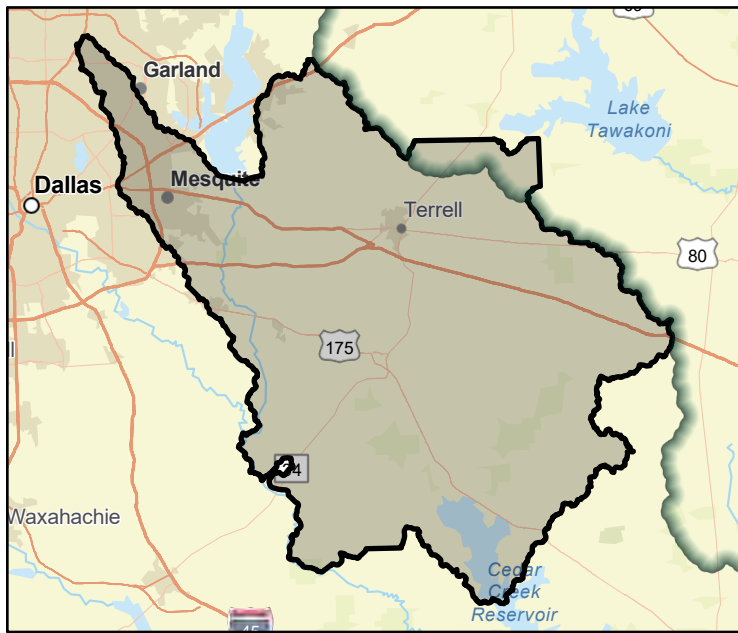
## 100-Year Flood Risk Summary

Population at risk 15,711 # of structures 4,233 Critical facilities 0  
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No  
 Farm/Ranch land impacted (acres) 108,153 Roadway(s) impacted (length) 230  
 Number of low water crossings 91 Historical road closures -

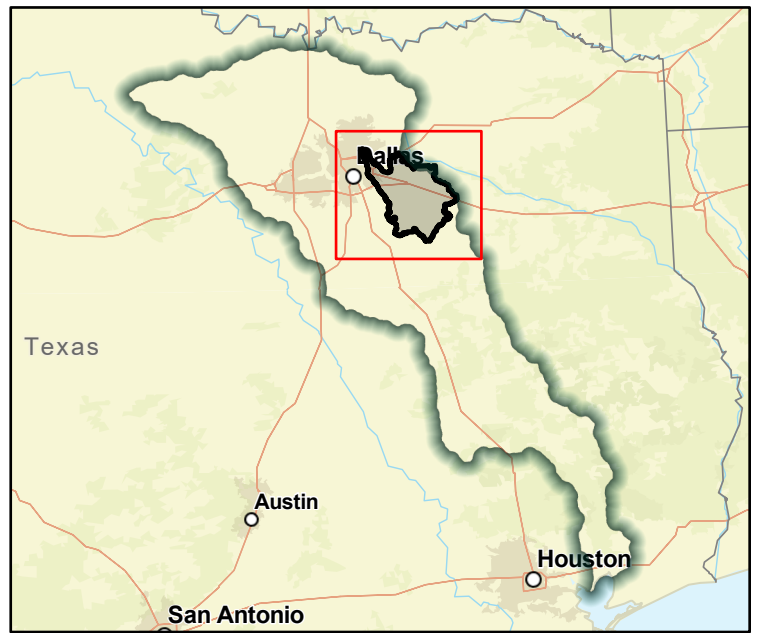
## Estimated Cost and Funding Availability

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 Phase #2 of Stormwater Master Plan  
 ID# 031000517  
 Sponsor (name of entity, not person) Denton  
 RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance

## Study Details

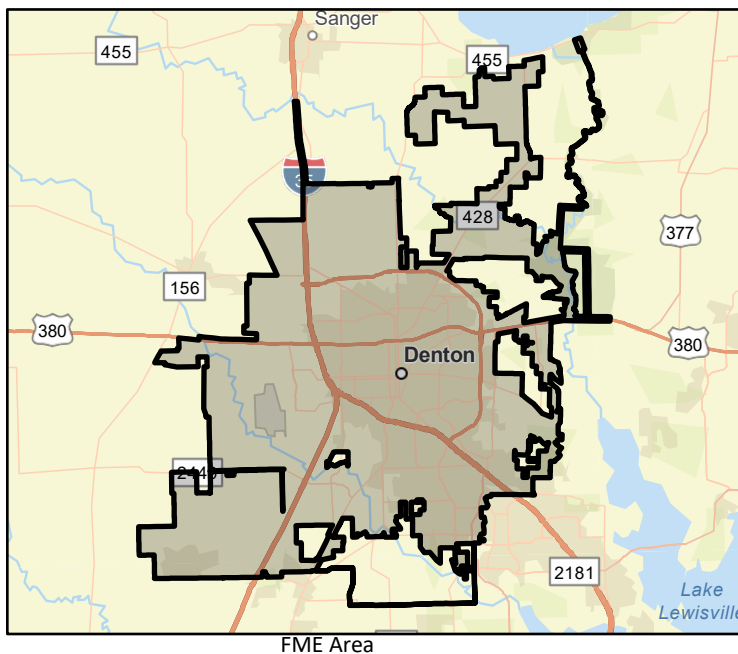
Study type Watershed Planning  
 Study description Part of the City of Denton's Comprehensive Storm Water Master Plan. This study identifies potential flood risk and develops projects that will reduce flooding by improving the efficiency of the storm sewers.  
 New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? No  
 County Denton Watershed HUC# (if known) 120301030901,120301030902,120301030801,120301030805,120301030  
 Drainage area (Square miles, est.) 101 Goal(s) 03000009, 03000010, 03000031, 03000032

## 100-Year Flood Risk Summary

Population at risk 146,583 # of structures 38,076 Critical facilities 4,157  
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No  
 Farm/Ranch land impacted (acres) 33,144 Roadway(s) impacted (length) 1,717  
 Number of low water crossings 41 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 **Copper Canyon Master Drainage Plan/Study**

ID# **031000518**

Sponsor (name of entity, not person) **Copper Canyon**

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

## Study Details

Study type **Watershed Planning**

Study description **Evaluate City and identify future projects.**

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

County **Denton** Watershed HUC# (if known) **120301030805,120301031002,120301030804**

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

## 100-Year Flood Risk Summary

Population at risk **1,868** # of structures **816** Critical facilities **133**

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

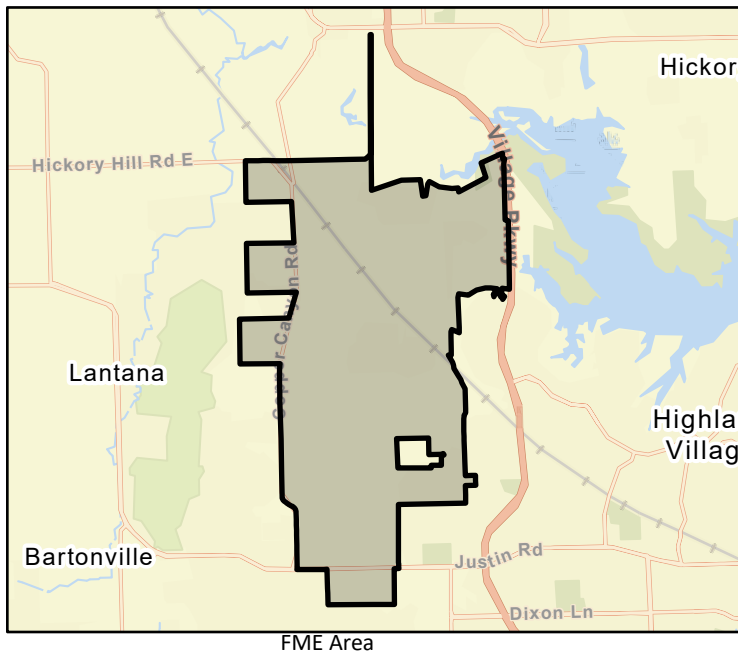
Farm/Ranch land impacted (acres) **1,466** Roadway(s) impacted (length) **58**

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**



# Flood Management Evaluation (FME)



Title **Mill Creek Drainage Relief System - Upper-Middle Improvements**

ID# **031000519**

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

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

## Study Details

Study type **Project Planning**

Study description **Proposed lateral improvements, tunnel alignments, and trunk improvements for overall drainage relief. Anticipated const. cost = \$35,509,837**

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

County **Dallas** Watershed HUC# (if known) **120301050106,120301050105,120301050101,120301050108,120301050**

Drainage area (Square miles, est.) **18** Goal(s) **03000013, 03000014, 03000031, 03000032**

## 100-Year Flood Risk Summary

Population at risk **118,264** # of structures **28,854** Critical facilities **2,321**

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

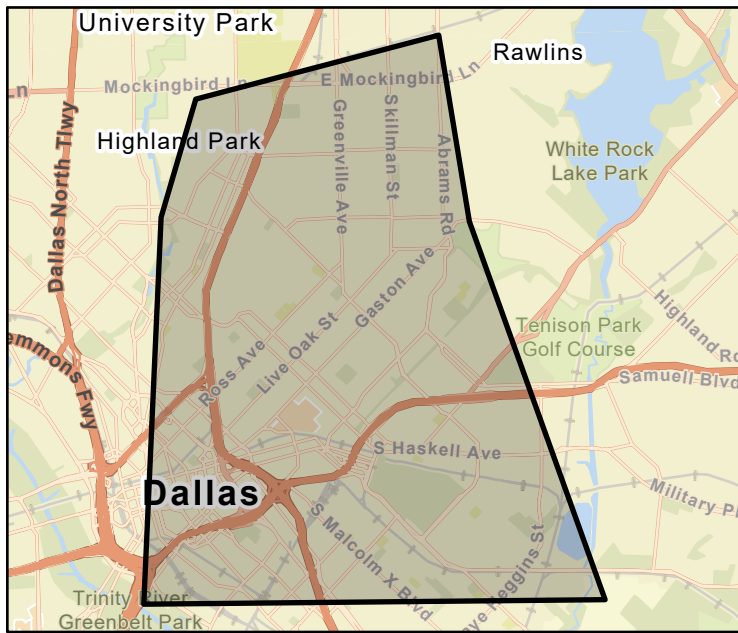
Farm/Ranch land impacted (acres) **172** Roadway(s) impacted (length) **1,294**

Number of low water crossings **9** Historical road closures **-**

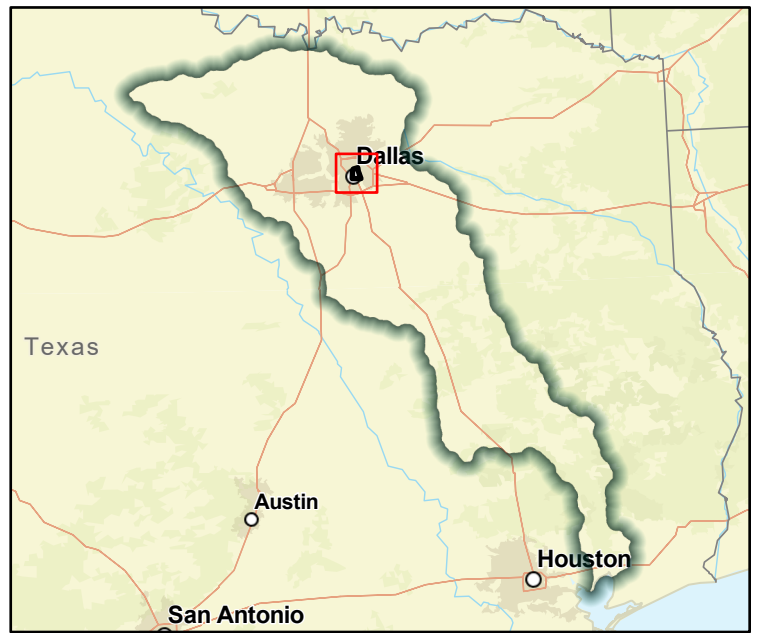
## Estimated Cost and Funding Availability

Total Cost **\$500,000** Amount of Available Funding **50,000** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Village Creek Clubhouse Dr Improvements – Culverts**

ID# **031000520**

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

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

## Study Details

Study type **Project Planning**

Study description **Study to assess the efficacy of alleviating overtopping of Clubhouse Dr by raising the roadway elevation and either improving culverts or replacing them with a 375' bridge.**

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

County **Johnson** Watershed HUC# (if known) **120301020401**

Drainage area (Square miles, est.) **1** Goal(s) **03000013, 03000014**

## 100-Year Flood Risk Summary

Population at risk **155** # of structures **33** Critical facilities **0**

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

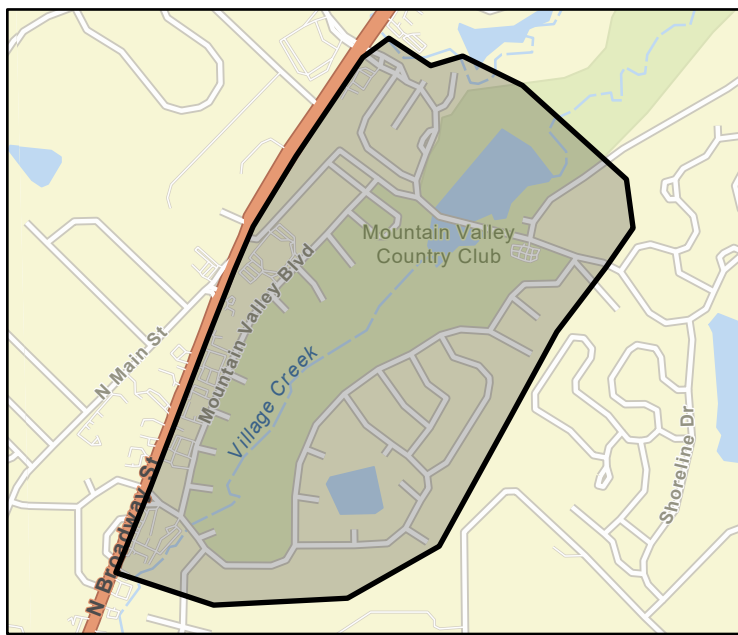
Farm/Ranch land impacted (acres) **18** Roadway(s) impacted (length) **1**

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

## Estimated Cost and Funding Availability

Total Cost **\$1,065,000** Amount of Available Funding **106,500** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Montclair No 2 & 3 Drainage Improvements (Alternative 2)**

ID# **031000521**

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

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

## Study Details

Study type **Project Planning**

Study description **Study to mitigate proposed improvements include a new storm drainage system along La Jolla from previous study. Alternative 2 includes additional inlets on Intervale Drive, Mill River Drive, La Jolla Drive, and Birchwood Drive.**

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

County **Dallas** Watershed HUC# (if known) **120301060501**

Drainage area (Square miles, est.) **0** Goal(s) **03000031, 03000032**

## 100-Year Flood Risk Summary

Population at risk **5** # of structures **3** Critical facilities **0**

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

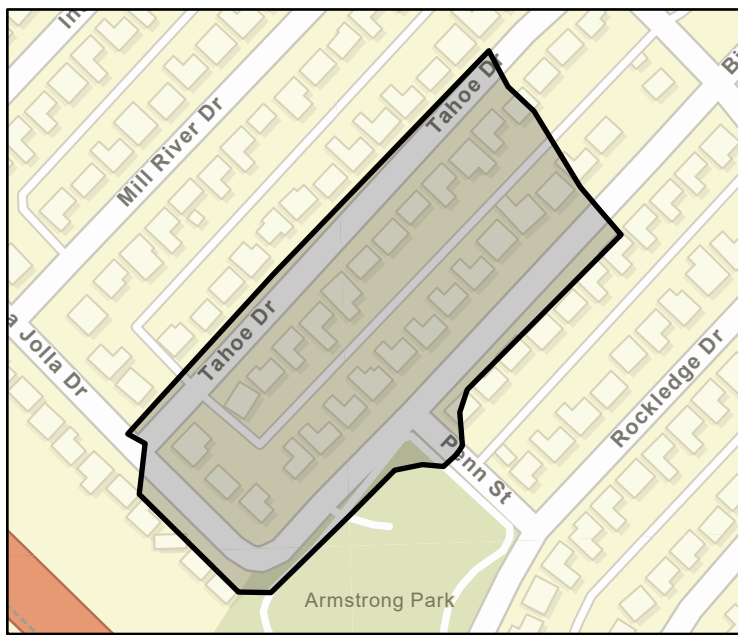
Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **0**

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

## Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **50,000** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area



# Flood Management Evaluation (FME)



Title **Terrell KC2 Watershed Drainage Improvements**

ID# **031000522**

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

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

## Study Details

Study type **Project Planning**

Study description **Proposed drainage improvements throughout watershed including increased culvert crossings, upsized storm drains, and channel improvements to alleviate watershed flooding**

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

County **Kaufman** Watershed HUC# (if known) **120301070105**

Drainage area (Square miles, est.) **1** Goal(s) **03000013, 03000014, 03000031, 03000032**

## 100-Year Flood Risk Summary

Population at risk **168** # of structures **66** Critical facilities **0**

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

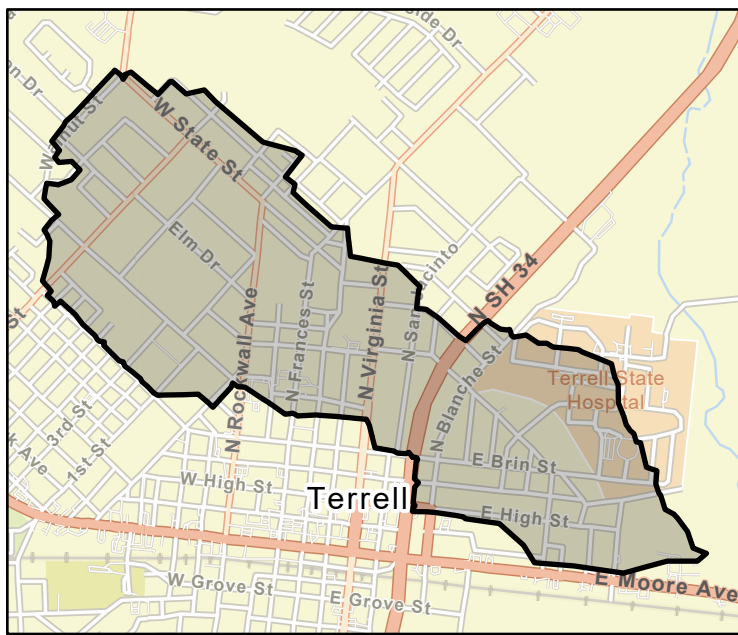
Farm/Ranch land impacted (acres) **3** Roadway(s) impacted (length) **2**

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

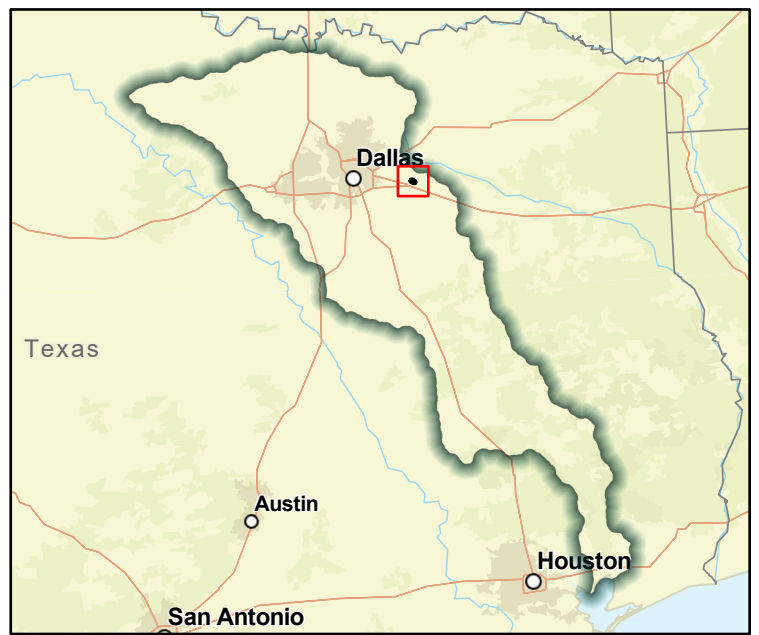
## Estimated Cost and Funding Availability

Total Cost **\$4,794,000** Amount of Available Funding **479,400** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **DMP Phase 1: Anderson Street (Project 3)**

ID# **031000523**

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

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

## Study Details

Study type **Project Planning**

Study description **Study to alleviate flooding on Anderson Street through the implementation of a detention basin, additional inlets, and an additional storm drain**

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

County **Ellis** Watershed HUC# (if known) **120301090302**

Drainage area (Square miles, est.) **0** Goal(s) **03000031, 03000032**

## 100-Year Flood Risk Summary

Population at risk **16** # of structures **6** Critical facilities **0**

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

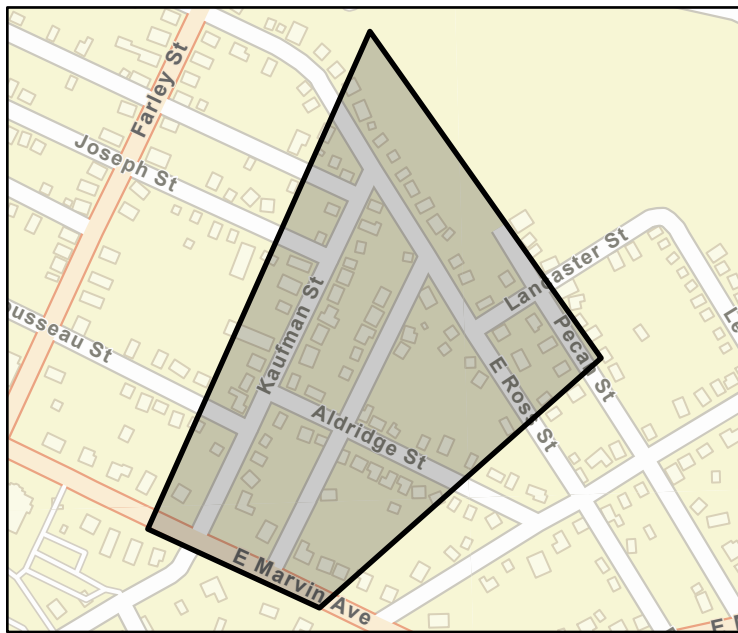
Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **0**

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

## Estimated Cost and Funding Availability

Total Cost **\$337,000** Amount of Available Funding **33,700** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area