

# Flood Management Evaluation (FME)



Title **North Colony Blvd. at Powers Street**

ID# **031000260**

Sponsor (name of entity, not person) **03003352**

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

## Study Details

Study type **Project Planning**

Study description **Streams SC-1A Drainage Study and storm drain upgrades to deal with flooding**

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

County **Denton** Watershed HUC# (if known) **120301030906,120301031003**

Drainage area (Square miles, est.) **3** Goal(s) **03000005, 03000006, 03000007, 03000008, 03000009, 03000010**

## 100-Year Flood Risk Summary

Population at risk **26** # of structures **7** Critical facilities **1**

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

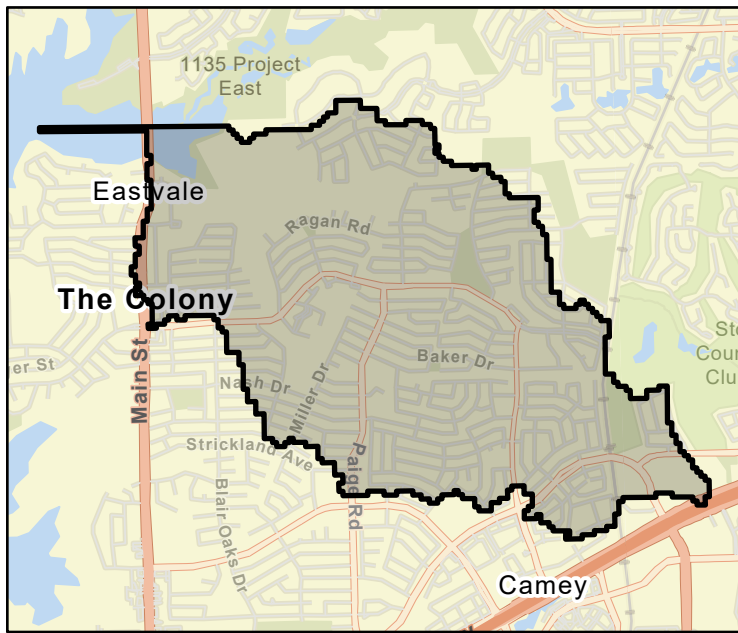
Farm/Ranch land impacted (acres) **10** Roadway(s) impacted (length) **0**

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

## Estimated Cost and Funding Availability

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

Funding source **Local**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title Office Creek Drainage Study

ID# 031000261

Sponsor (name of entity, not person) 03003352

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

## Study Details

Study type Project Planning

Study description Update Drainage Study and Improvements at Five Star Park

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

County Denton Watershed HUC# (if known) 120301030906,120301031003,120301031001

Drainage area (Square miles, est.) 2 Goal(s) 03000005, 03000006, 03000007, 03000008, 03000009, 03000010

## 100-Year Flood Risk Summary

Population at risk 4 # of structures 1 Critical facilities 0

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

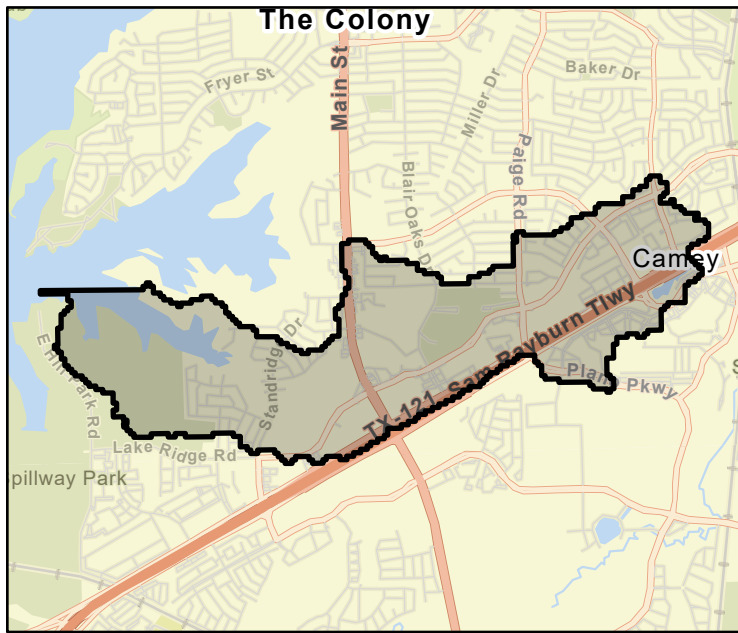
Farm/Ranch land impacted (acres) 23 Roadway(s) impacted (length) 0

Number of low water crossings 0 Historical road closures -

## Estimated Cost and Funding Availability

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

Funding source Local



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Bill Allen Park Erosion Study**

ID# **031000262**

Sponsor (name of entity, not person) **03003352**

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 at Blair Oaks Drive to Good Shepherd Lutheran Church.**

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

County **Denton** Watershed HUC# (if known) **120301030906,120301031003,120301031001**

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

## 100-Year Flood Risk Summary

Population at risk **12** # of structures **3** Critical facilities **1**

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

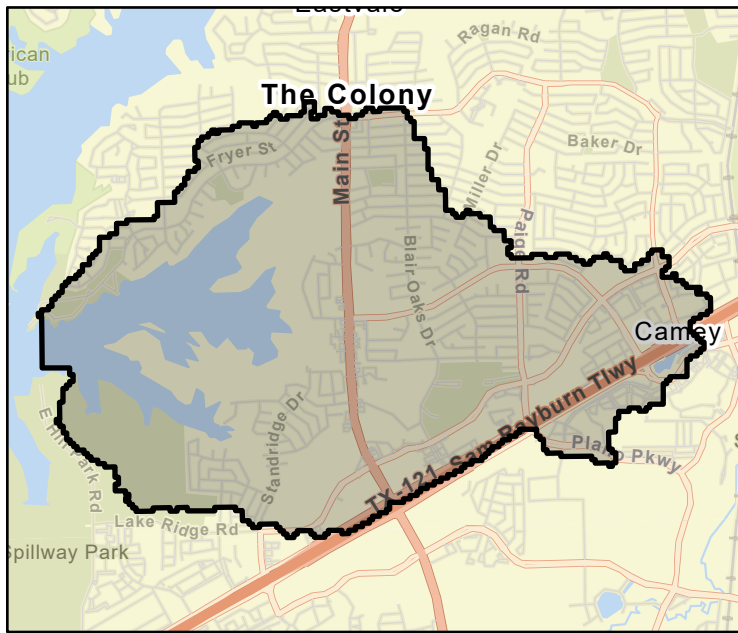
Farm/Ranch land impacted (acres) **167** Roadway(s) impacted (length) **1**

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

## Estimated Cost and Funding Availability

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

Funding source **Local**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title Johnson County Low Water Crossings - East Side

ID# 031000263

Sponsor (name of entity, not person) 00000104

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

## Study Details

Study type Project Planning

Study description Hydraulic evaluation to determine how to reduce flooding risk at multiple low water crossings.

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

County Johnson Watershed HUC# (if known) 120301020704,120301020505,120301020701

Drainage area (Square miles, est.) 731 Goal(s) 03000003, 03000004, 03000009, 03000010

## 100-Year Flood Risk Summary

Population at risk 4,897 # of structures 1,851 Critical facilities 12

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

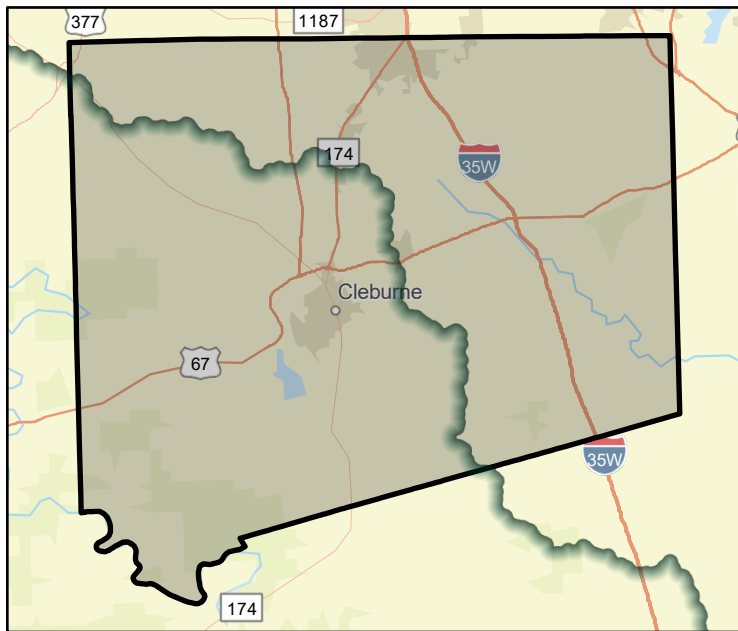
Farm/Ranch land impacted (acres) 18,203 Roadway(s) impacted (length) 62

Number of low water crossings 372 Historical road closures -

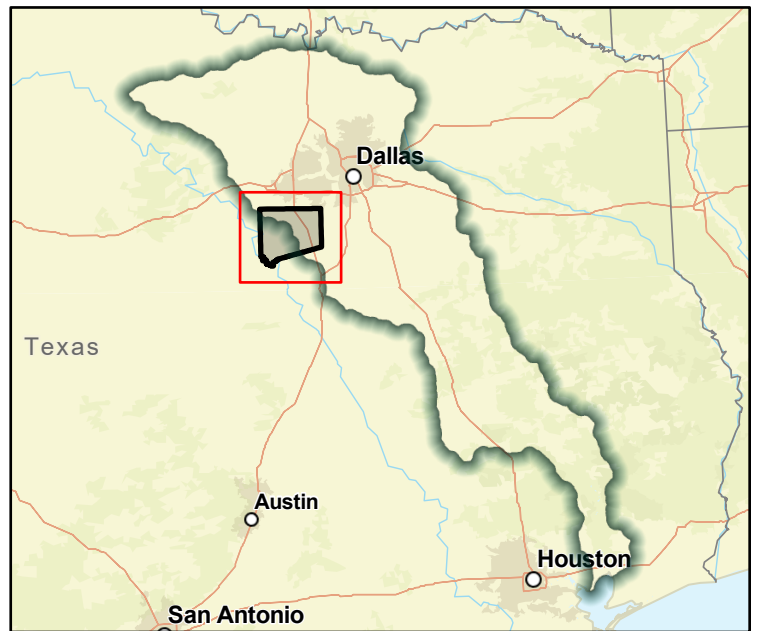
## Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 0 Federal funding availability No

Funding source <Null>



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title Johnson County Low Water Crossings - West Side

ID# 031000264

Sponsor (name of entity, not person) 00000104

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

## Study Details

Study type Project Planning

Study description Hydraulic evaluation to determine how to reduce flooding risk at multiple low water crossings.

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

County Johnson Watershed HUC# (if known) 120301020704,120301020505,120301020701

Drainage area (Square miles, est.) 731 Goal(s) 03000003, 03000004, 03000009, 03000010

## 100-Year Flood Risk Summary

Population at risk 4,897 # of structures 1,851 Critical facilities 12

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

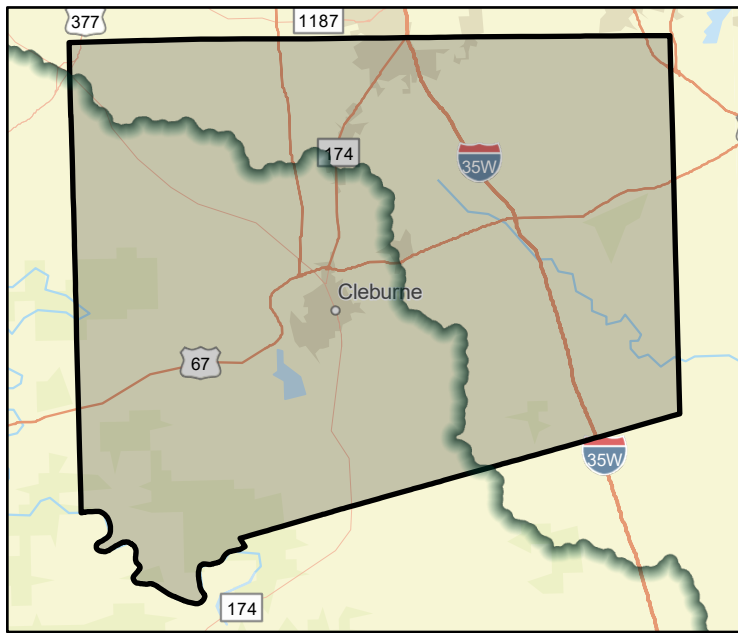
Farm/Ranch land impacted (acres) 18,203 Roadway(s) impacted (length) 62

Number of low water crossings 372 Historical road closures -

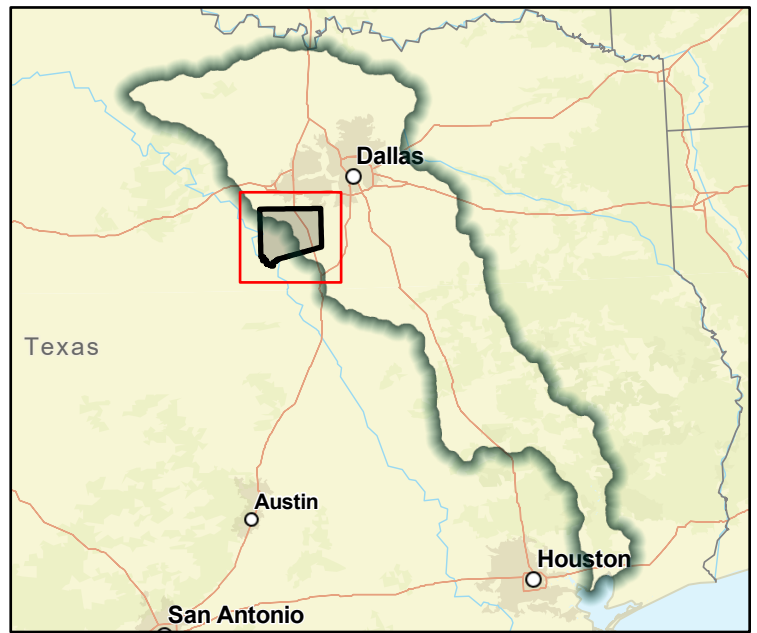
## Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 0 Federal funding availability No

Funding source <Null>



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title Tributary SB-1: Circle Lane Culvert Improvements  
 ID# 031000265  
 Sponsor (name of entity, not person) 03003582  
 RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance

## Study Details

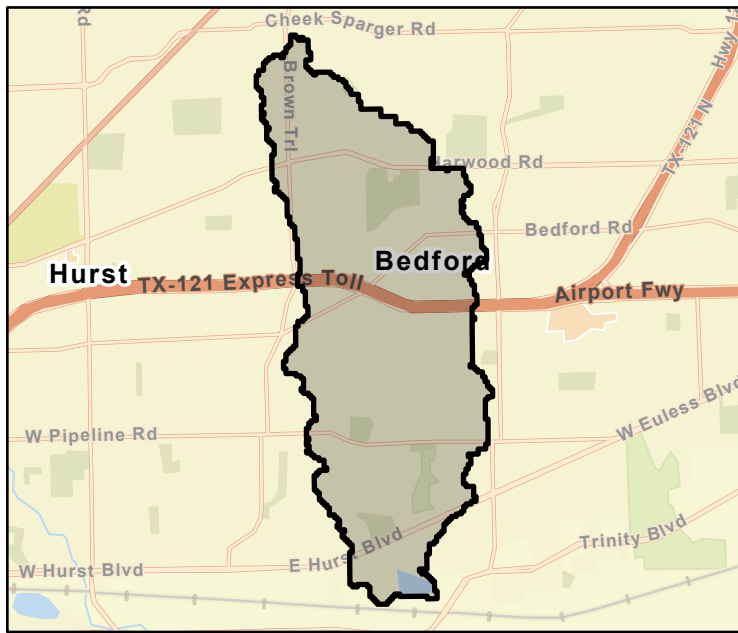
Study type Project Planning  
 Study description Evaluate and define necessary culvert improvements: Circle Lane, Shirley Way, Briar Drive, Schumac Lane, and Donna Lane  
 New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes  
 County Tarrant Watershed HUC# (if known) 120301020704,120301020505,120301020701  
 Drainage area (Square miles, est.) 5 Goal(s) 03000003, 03000004, 03000009, 03000010, 03000031, 03000032

## 100-Year Flood Risk Summary

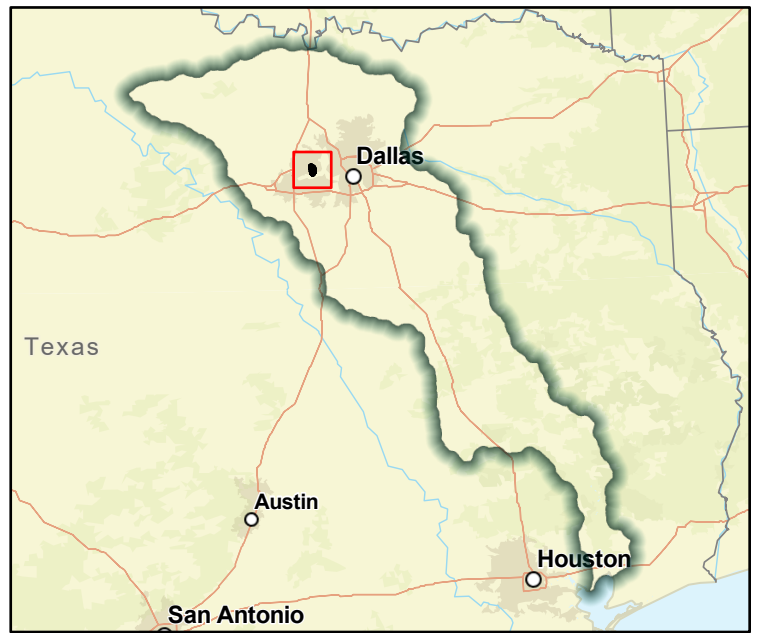
Population at risk 1,152 # of structures 148 Critical facilities 0  
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No  
 Farm/Ranch land impacted (acres) 3 Roadway(s) impacted (length) 3  
 Number of low water crossings 1 Historical road closures -

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Sulphur Branch: Circle Lane Culvert Improvements**

ID# **031000270**

Sponsor (name of entity, not person) **03003582**

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

## Study Details

Study type **Project Planning**

Study description **Evaluate and define necessary culvert improvements.**

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

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

Drainage area (Square miles, est.) **5** Goal(s) **03000003, 03000004, 03000009, 03000010, 03000031, 03000032**

## 100-Year Flood Risk Summary

Population at risk **1,152** # of structures **148** Critical facilities **0**

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

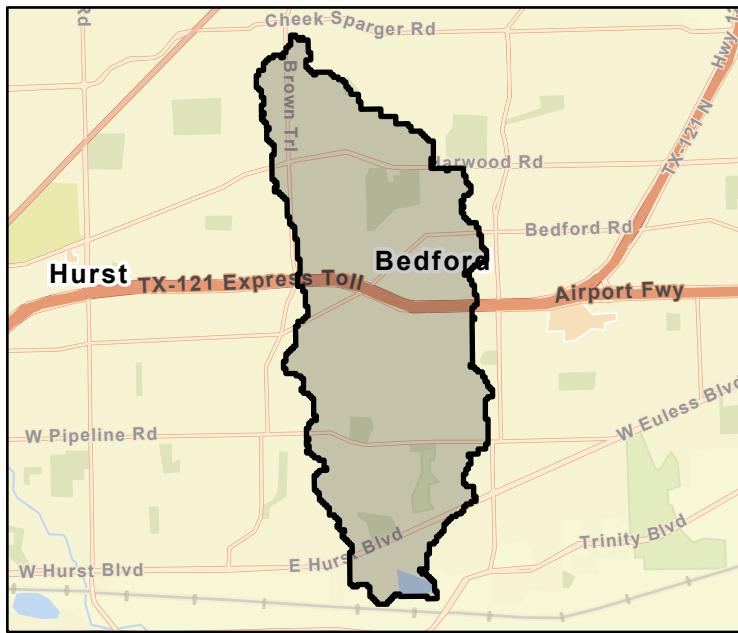
Farm/Ranch land impacted (acres) **3** Roadway(s) impacted (length) **3**

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

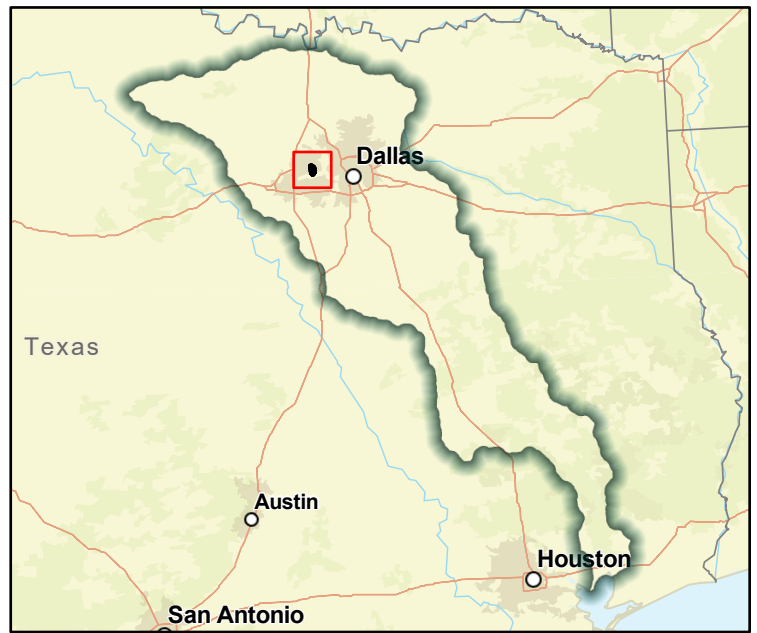
## Estimated Cost and Funding Availability

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

Funding source **Local**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Fairfield South Bateman Drainage Study**

ID# **031000272**

Sponsor (name of entity, not person) **03002552**

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

## Study Details

Study type **Project Planning**

Study description **Fairfield South Bateman Drainage Study**

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

County **Freestone** Watershed HUC# (if known) **120302010109,120302010107,120302010601**

Drainage area (Square miles, est.) **9** Goal(s) **03000005, 03000006**

## 100-Year Flood Risk Summary

Population at risk **64** # of structures **41** Critical facilities **1**

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

Farm/Ranch land impacted (acres) **411** Roadway(s) impacted (length) **2**

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

## Estimated Cost and Funding Availability

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

Funding source **Local**



FME Area



Regional view of FME area



# Flood Management Evaluation (FME)



Title **City of Plano DMP**

ID# **031000273**

Sponsor (name of entity, not person) **03003360**

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

## Study Details

Study type **Watershed Planning**

Study description **Evaluate alternatives for citywide drainage improvements for areas with history of flooding.**

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

County **Collin** Watershed HUC# (if known) **120301060404,120301060406,120301030906,120301060407,120301031**

Drainage area (Square miles, est.) **72** Goal(s) **03000031, 03000032**

## 100-Year Flood Risk Summary

Population at risk **5,528** # of structures **381** Critical facilities **9**

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

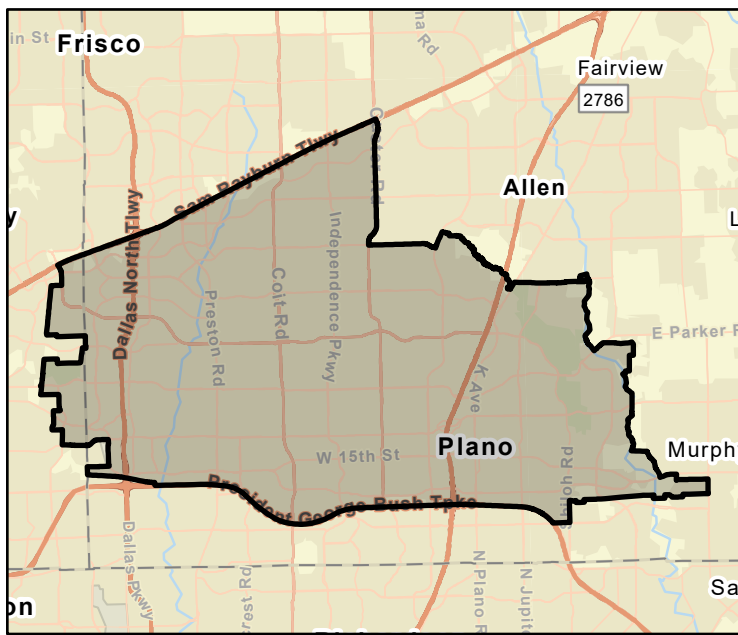
Farm/Ranch land impacted (acres) **695** Roadway(s) impacted (length) **18**

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

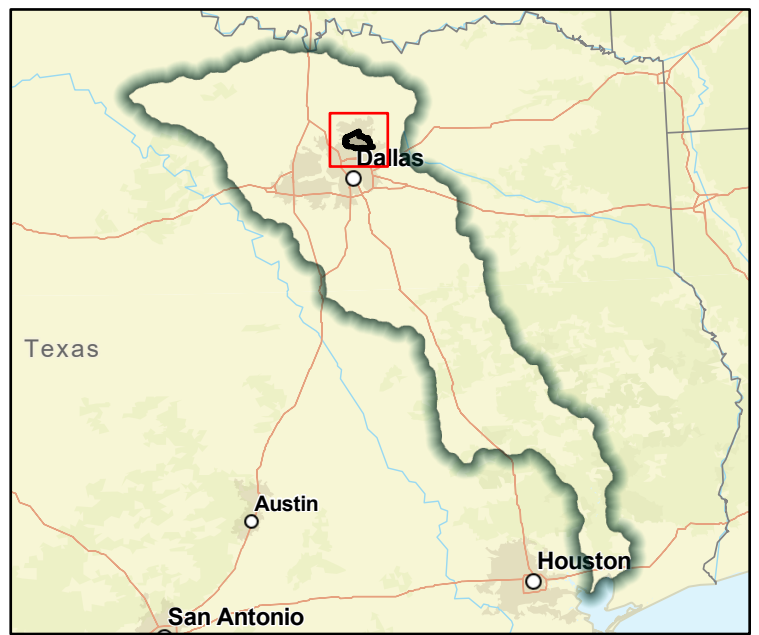
## Estimated Cost and Funding Availability

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

Funding source **Local**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Collin County flooding hazard/vulnerability assessment**

ID# **031000274**

Sponsor (name of entity, not person) **00000207**

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

## Study Details

Study type **Preparedness**

Study description **Conduct a hazard/vulnerability assessment for personal properties and structures located in the floodplain.**

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

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

Drainage area (Square miles, est.) **883** Goal(s) **03000013, 03000014**

## 100-Year Flood Risk Summary

Population at risk **17,576** # of structures **2,842** Critical facilities **26**

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

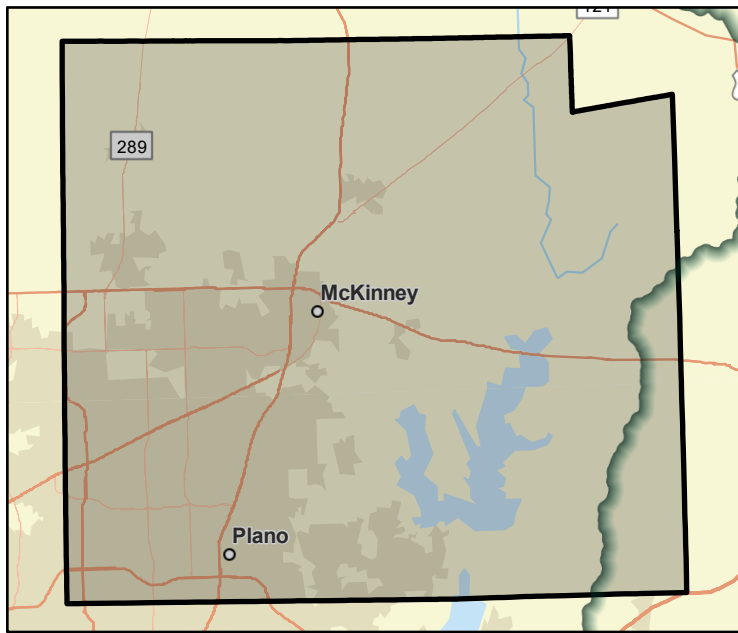
Farm/Ranch land impacted (acres) **34,154** Roadway(s) impacted (length) **146**

Number of low water crossings **55** Historical road closures **-**

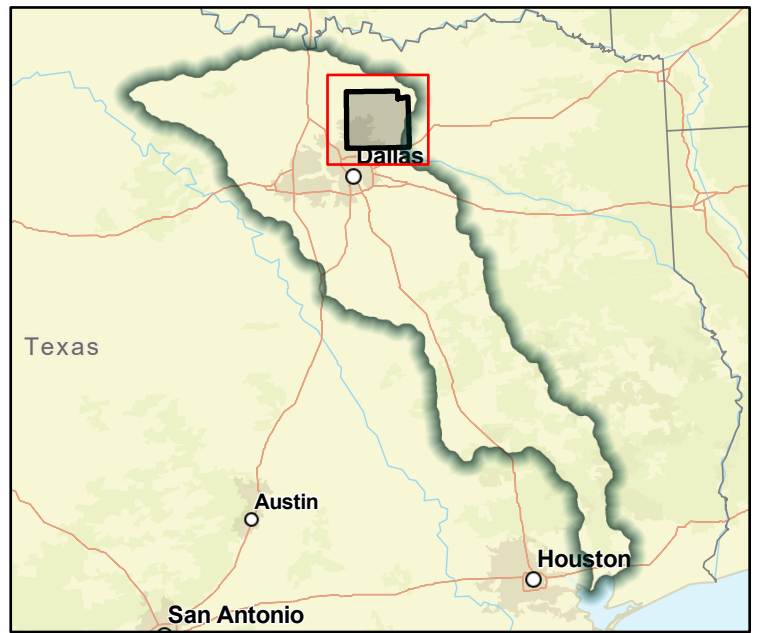
## Estimated Cost and Funding Availability

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

Funding source **Local**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Houston County Lake Dam Emergency Action Plan**

ID# **031000275**

Sponsor (name of entity, not person) **00000128**

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

## Study Details

Study type **Preparedness**

Study description **Develop Emergency Action Plan for Houston County Lake Dam**

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

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

Drainage area (Square miles, est.) **1,232** Goal(s) **03000001, 03000002**

## 100-Year Flood Risk Summary

Population at risk **711** # of structures **737** Critical facilities **5**

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

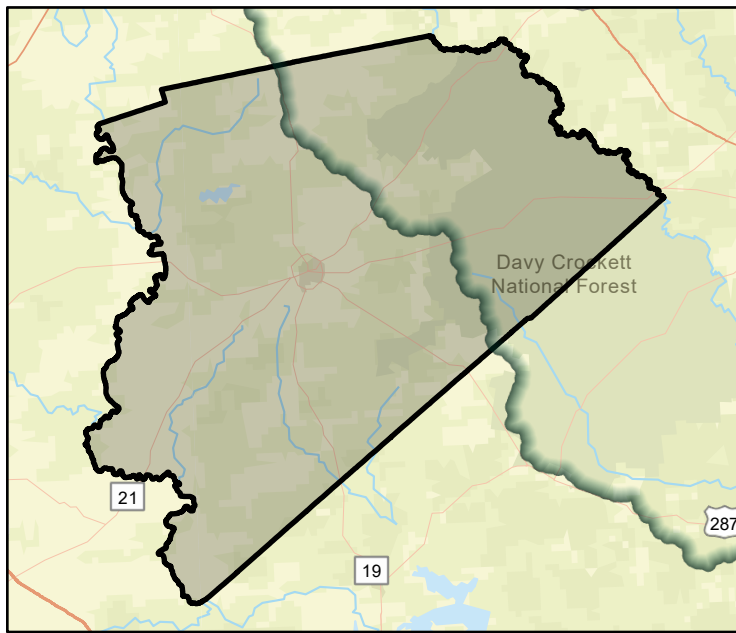
Farm/Ranch land impacted (acres) **79,761** Roadway(s) impacted (length) **110**

Number of low water crossings **18** Historical road closures **-**

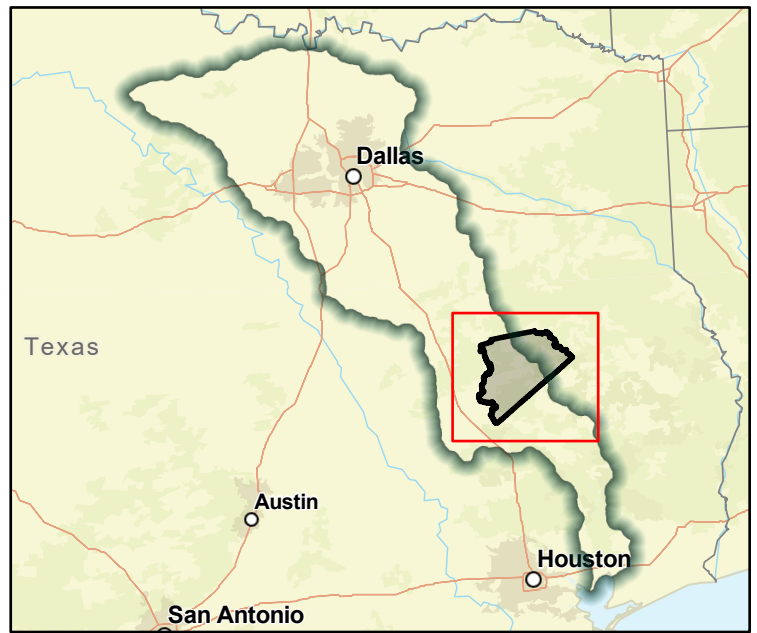
## Estimated Cost and Funding Availability

Total Cost **\$1,000,000** Amount of Available Funding **100,000** Federal funding availability **Yes**

Funding source **Local**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Grayson County Dams Compliance Assessment**

ID# **031000276**

Sponsor (name of entity, not person) **00000190**

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

## Study Details

Study type **Preparedness**

Study description **Determine owners of all high and significant hazard dams and obtain copies of all EAPs. Obtain available dam failure impact data necessary for determining most appropriate mitigation approach that would achieve compliance with the State's TCEQ regulations**

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

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

Drainage area (Square miles, est.) **976** Goal(s) **03000001, 03000002, 03000029, 03000030, 03000039, 03000040**

## 100-Year Flood Risk Summary

Population at risk **541** # of structures **436** Critical facilities **5**

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

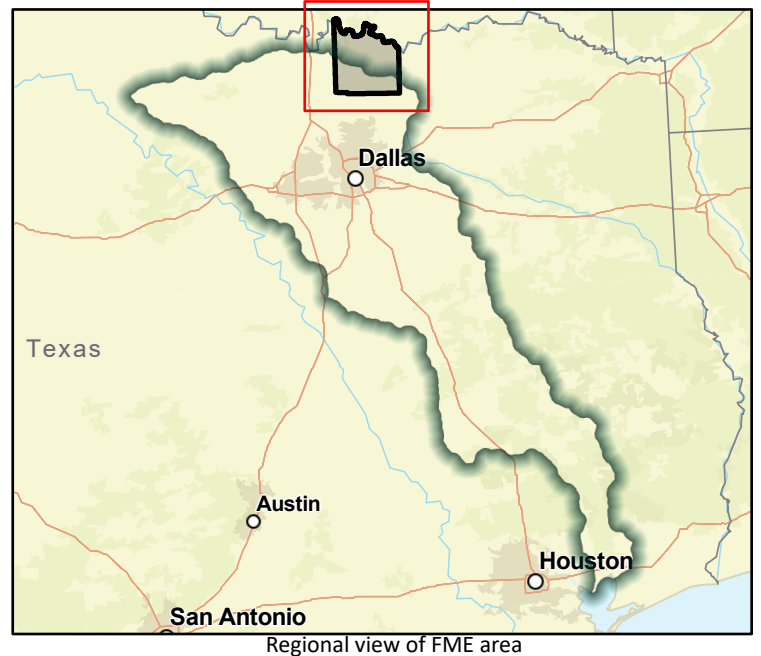
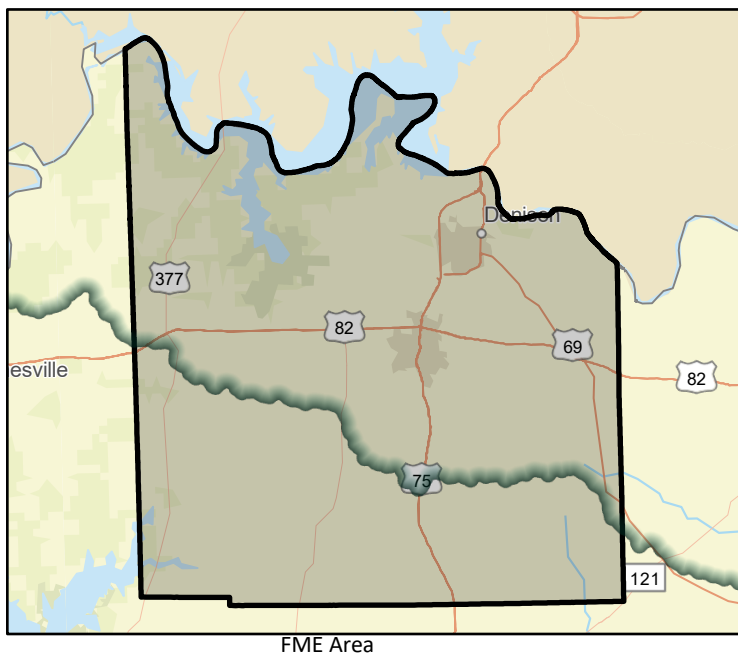
Farm/Ranch land impacted (acres) **21,312** Roadway(s) impacted (length) **43**

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

## Estimated Cost and Funding Availability

Total Cost **\$1,000,000** Amount of Available Funding **100,000** Federal funding availability **Yes**

Funding source **Local**



# Flood Management Evaluation (FME)



Title **Denton County USDA (NRCS) Dam Studies and Rehabilitation**

ID# **031000277**

Sponsor (name of entity, not person) **03000208**

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

## Study Details

Study type **Other**

Study description **USDA (NRCS) Dam Studies and Rehabilitation**

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

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

Drainage area (Square miles, est.) **948** Goal(s) **03000009, 03000010, 03000029, 03000030**

## 100-Year Flood Risk Summary

Population at risk **18,656** # of structures **4,675** Critical facilities **89**

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

Farm/Ranch land impacted (acres) **53,344** Roadway(s) impacted (length) **245**

Number of low water crossings **97** Historical road closures **-**

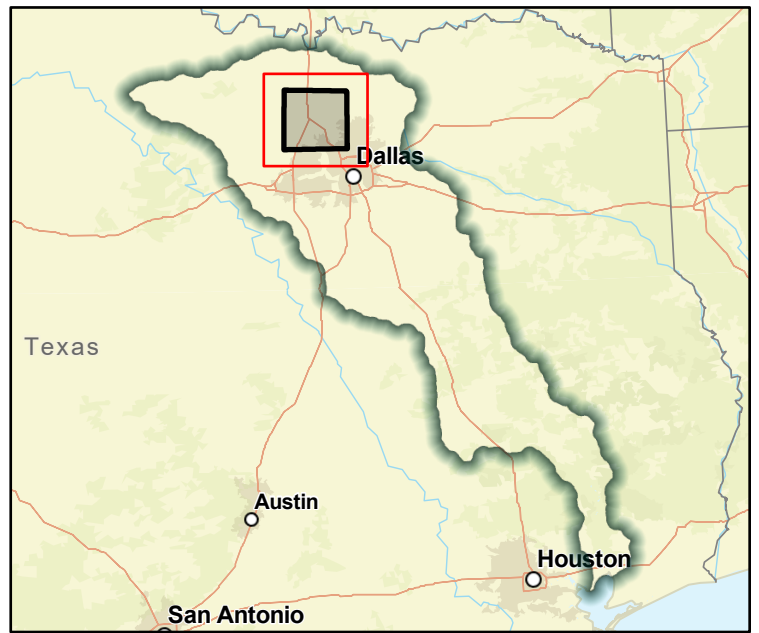
## Estimated Cost and Funding Availability

Total Cost **\$2,000,000** Amount of Available Funding **200,000** Federal funding availability **Yes**

Funding source **Local**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Spring Creek Retaining Walls**

ID# **031000278**

Sponsor (name of entity, not person) **03003265**

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

## Study Details

Study type **Project Planning**  
 Study description **Implement results from the 2021 Spring Creek Erosion and Retaining Wall Assessment project. This project identified 19 locations with recommended repairs/maintenance to erosion structures.**

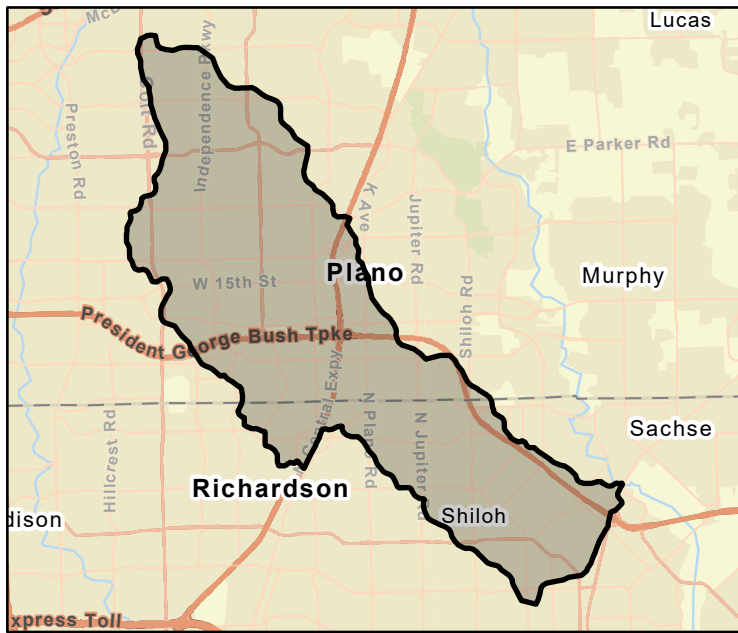
New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**  
 County **Dallas** Watershed HUC# (if known) **120301060404,120301060406,120301060407,120301060408,120301050**  
 Drainage area (Square miles, est.) **36** Goal(s) **03000009, 03000010, 03000031, 03000032**

## 100-Year Flood Risk Summary

Population at risk **2,604** # of structures **274** Critical facilities **8**  
 Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**  
 Farm/Ranch land impacted (acres) **83** Roadway(s) impacted (length) **13**  
 Number of low water crossings **19** 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**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title Colonel Palm Valley Drainage Improvements

ID# 031000279

Sponsor (name of entity, not person) 03003265

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

## Study Details

Study type Project Planning

Study description Implement results from the Colonel Drive Drainage Study. This study identified mitigation options in Coloneal Drive and Palm Valley Drive.

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

County Dallas Watershed HUC# (if known) 120301060409,120301060408,120301060501

Drainage area (Square miles, est.) 6 Goal(s) 03000013, 03000014, 03000031, 03000032

## 100-Year Flood Risk Summary

Population at risk 26 # of structures 10 Critical facilities 0

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

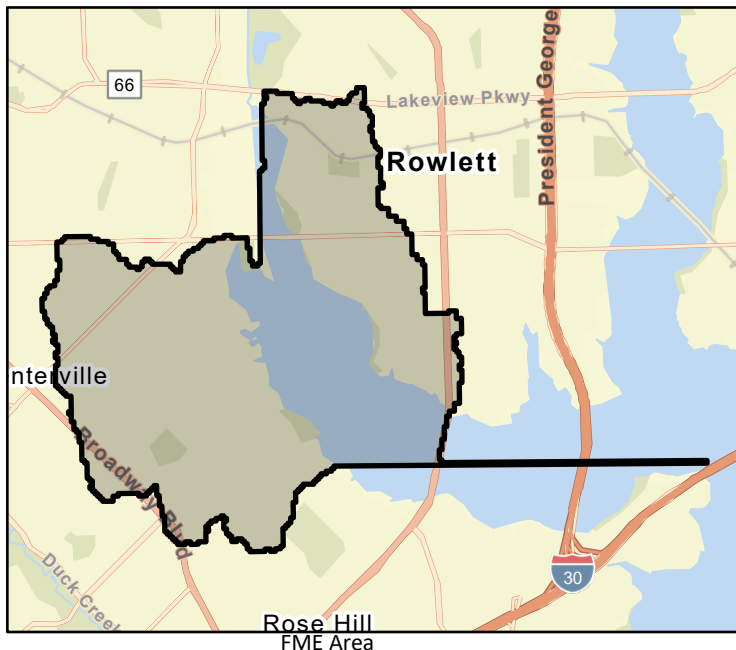
Farm/Ranch land impacted (acres) 85 Roadway(s) impacted (length) 1

Number of low water crossings 2 Historical road closures -

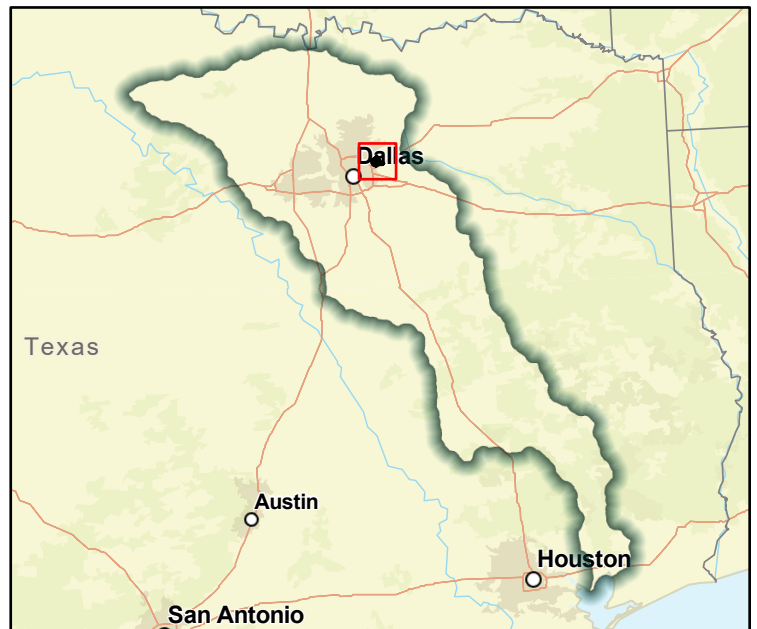
## Estimated Cost and Funding Availability

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

Funding source Local



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Ashville Drive Drainage Improvements**

ID# **031000280**

Sponsor (name of entity, not person) **03003265**

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

## Study Details

Study type **Project Planning**

Study description **Implement results from the Ashville Drainage Study. This study identified recommended mitigation options that can provide 100-year protection and minimal improvements for greater frequency storm events.**

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

County **Dallas** Watershed HUC# (if known) **120301060408,120301060501**

Drainage area (Square miles, est.) **6** Goal(s) **03000013, 03000014, 03000031, 03000032**

## 100-Year Flood Risk Summary

Population at risk **863** # of structures **232** Critical facilities **2**

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

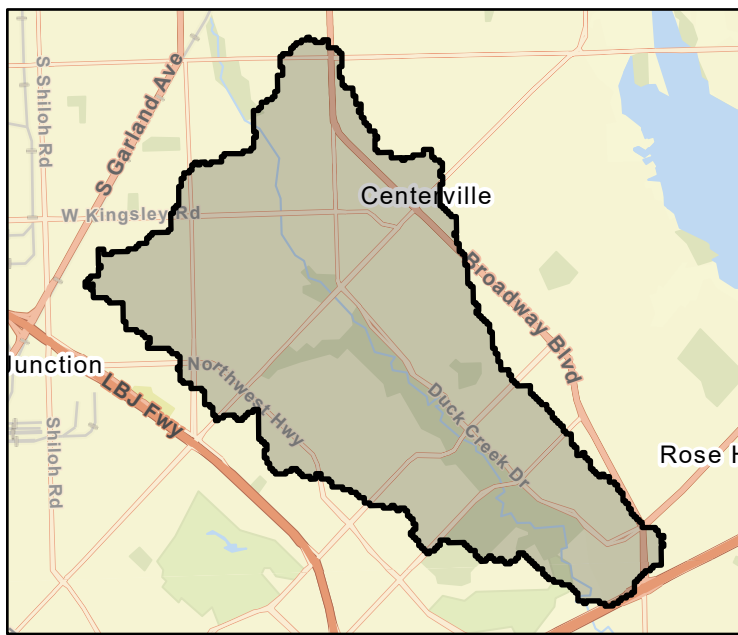
Farm/Ranch land impacted (acres) **45** Roadway(s) impacted (length) **4**

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

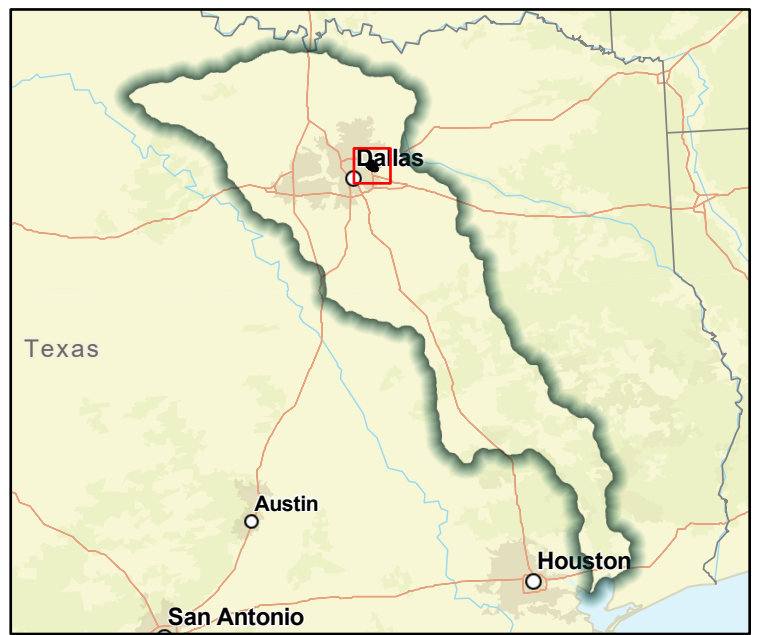
## Estimated Cost and Funding Availability

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

Funding source **Local**



FME Area



Regional view of FME area



# Flood Management Evaluation (FME)



Title Freeman Heights Drainage Improvements  
 ID# 031000281  
 Sponsor (name of entity, not person) 03003265  
 RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance

## Study Details

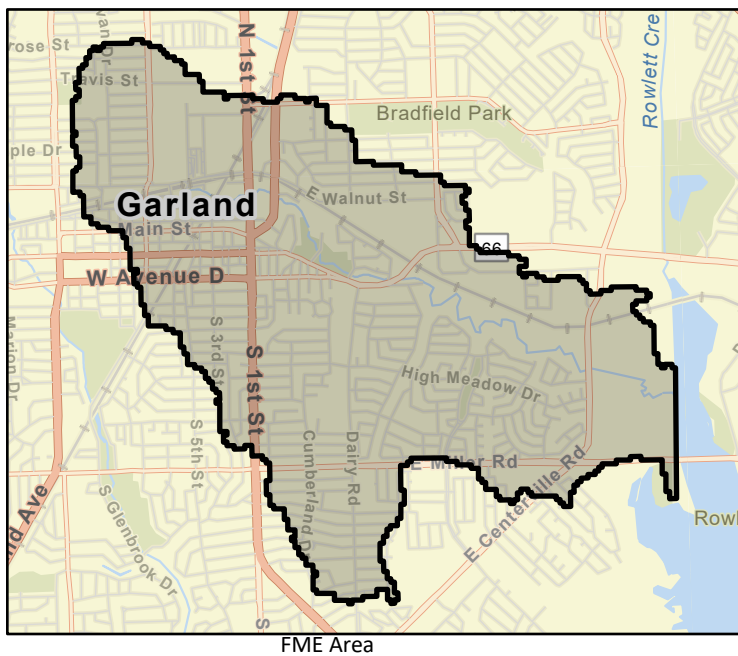
Study type Project Planning  
 Study description Implement results from the Garland-Freeman Height Drainage Study. This study identified improvement projects for the storm sewer.  
 New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes  
 County Dallas Watershed HUC# (if known) 120301060408,120301060501  
 Drainage area (Square miles, est.) 5 Goal(s) 03000013, 03000014, 03000031, 03000032

## 100-Year Flood Risk Summary

Population at risk 298 # of structures 40 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) 2  
 Number of low water crossings 5 Historical road closures -

## Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Tobin Trail Drainage Analysis**

ID# **031000282**

Sponsor (name of entity, not person) **03003265**

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

## Study Details

Study type **Project Planning**

Study description **Implement results from the Tobin Trail Drainage Study. This study identified mitigation options to determine what solutions can be provided to eliminate or reduce flooding that occurs in Tobin Trail.**

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

County **Dallas** Watershed HUC# (if known) **120301060408,120301060501**

Drainage area (Square miles, est.) **6** Goal(s) **03000013, 03000014, 03000031, 03000032**

## 100-Year Flood Risk Summary

Population at risk **863** # of structures **232** Critical facilities **2**

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

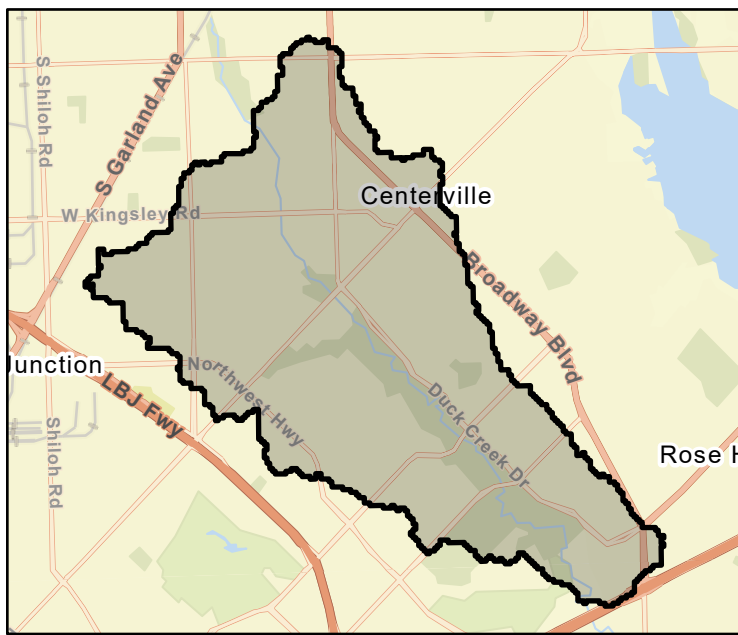
Farm/Ranch land impacted (acres) **45** Roadway(s) impacted (length) **4**

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

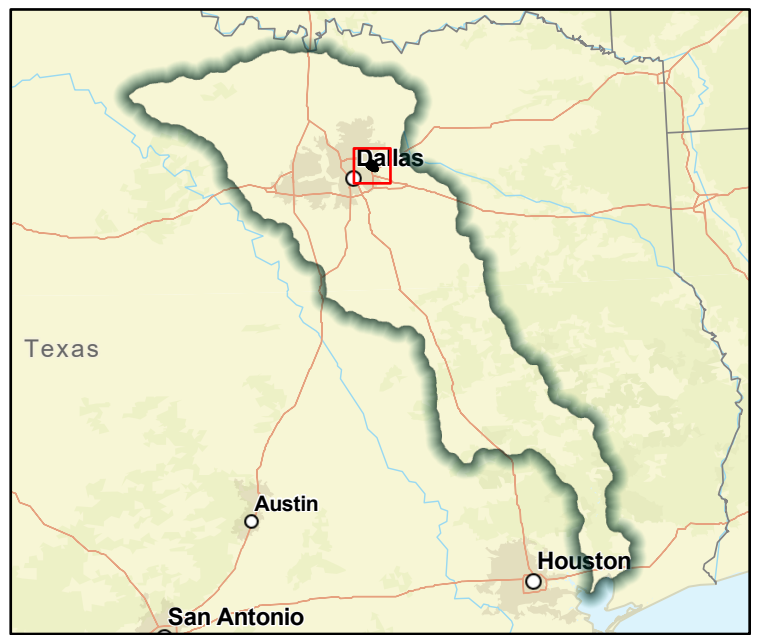
## Estimated Cost and Funding Availability

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

Funding source **Local**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title Whites Bayou/Spring Branch Flood Study  
 ID# 031000283  
 Sponsor (name of entity, not person) 00000013  
 RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance

## Study Details

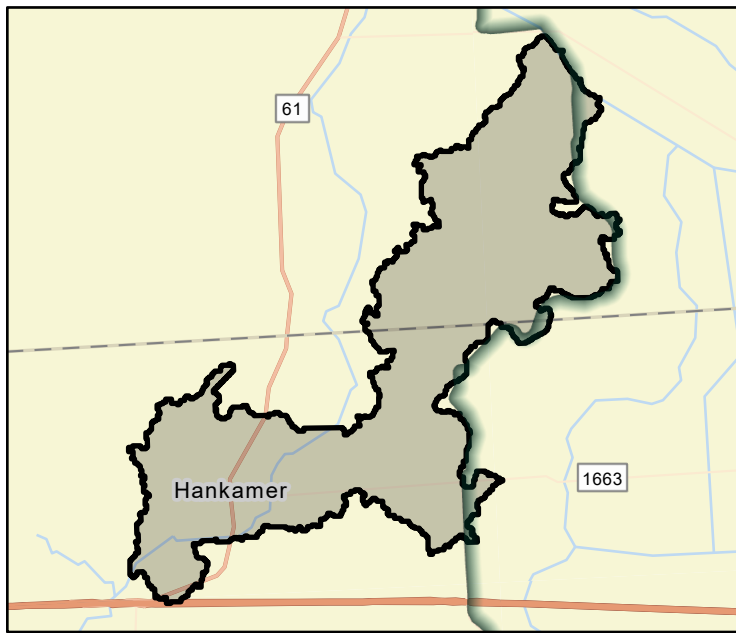
Study type Watershed Planning  
 Study description Flood study north of I-10 through Hankamer  
 New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes  
 County Chambers Watershed HUC# (if known) 120302030202,120302030204,120402020100  
 Drainage area (Square miles, est.) 15 Goal(s) 03000007, 03000008, 03000009, 03000010

## 100-Year Flood Risk Summary

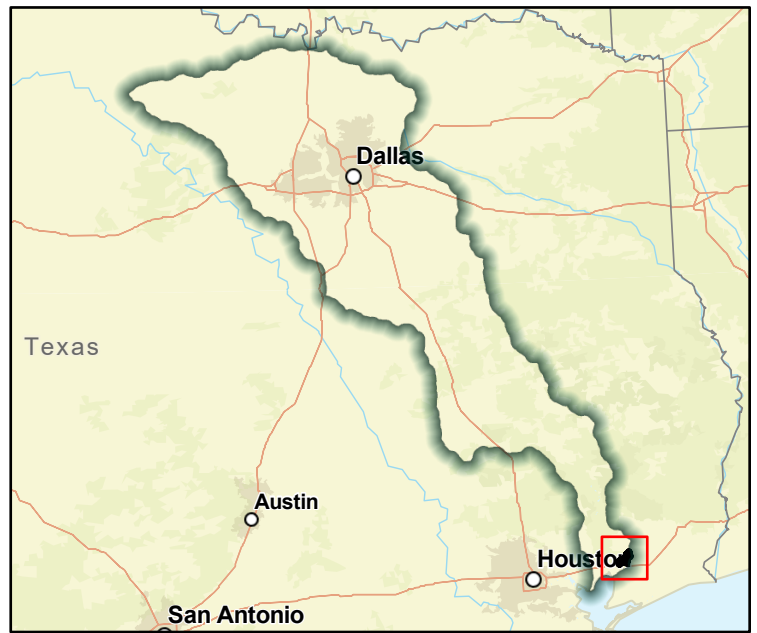
Population at risk 259 # of structures 205 Critical facilities 1  
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No  
 Farm/Ranch land impacted (acres) 3,806 Roadway(s) impacted (length) 5  
 Number of low water crossings 0 Historical road closures -

## Estimated Cost and Funding Availability

Total Cost \$458,000 Amount of Available Funding 45,800 Federal funding availability Yes  
 Funding source Local



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title Predicted Maximum Probable Inundation Map  
 ID# 031000284  
 Sponsor (name of entity, not person) 00000280  
 RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance

## Study Details

Study type Watershed Planning  
 Study description Use NWS gage height forecasts from the River Forecast Center to generate a potential floodplain along the main stem of the Trinity River.  
 New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes  
 County All Watershed HUC# (if known) All  
 Drainage area (Square miles, est.) 17,849 Goal(s) 03000005,03000005, 03000039, 03000040

## 100-Year Flood Risk Summary

Population at risk 882,992 # of structures 186,744 Critical facilities 981  
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No  
 Farm/Ranch land impacted (acres) 3,630 Roadway(s) impacted (length) 7,606  
 Number of low water crossings 1,737 Historical road closures -

## Estimated Cost and Funding Availability

Total Cost \$2,000,000 Amount of Available Funding 400,000 Federal funding availability Yes  
 Funding source General Revenue



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Headwaters of South Fork Trinity River Tributaries Through Hudson Oaks**

ID# **031000285**

Sponsor (name of entity, not person) **03003491**

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

## Study Details

Study type **Watershed Planning**

Study description **Study to determine flooding issues and potential future projects.**

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

County **Parker** Watershed HUC# (if known) **120301020205,120301020203,120301020206,120301020207,120301020**

Drainage area (Square miles, est.) **6** Goal(s) **03000007, 03000008, 03000009, 03000010**

## 100-Year Flood Risk Summary

Population at risk **51** # of structures **33** Critical facilities **1**

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

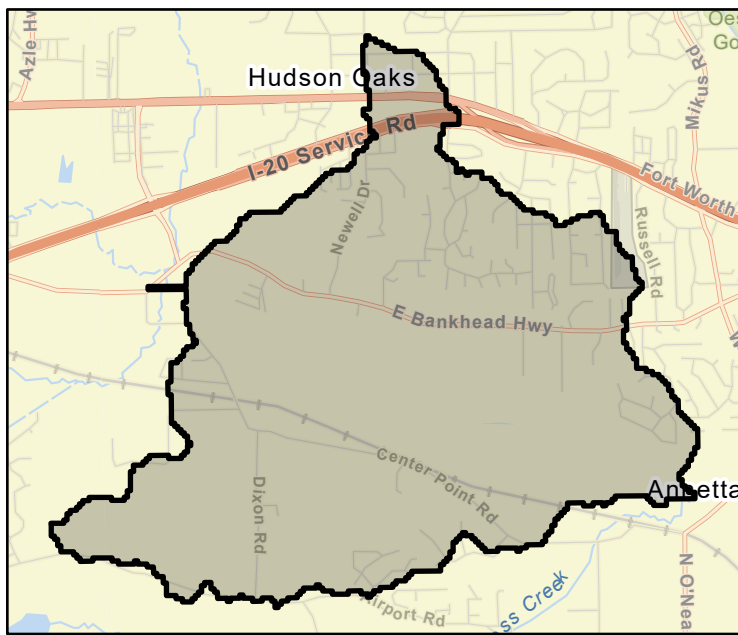
Farm/Ranch land impacted (acres) **715** Roadway(s) impacted (length) **1**

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

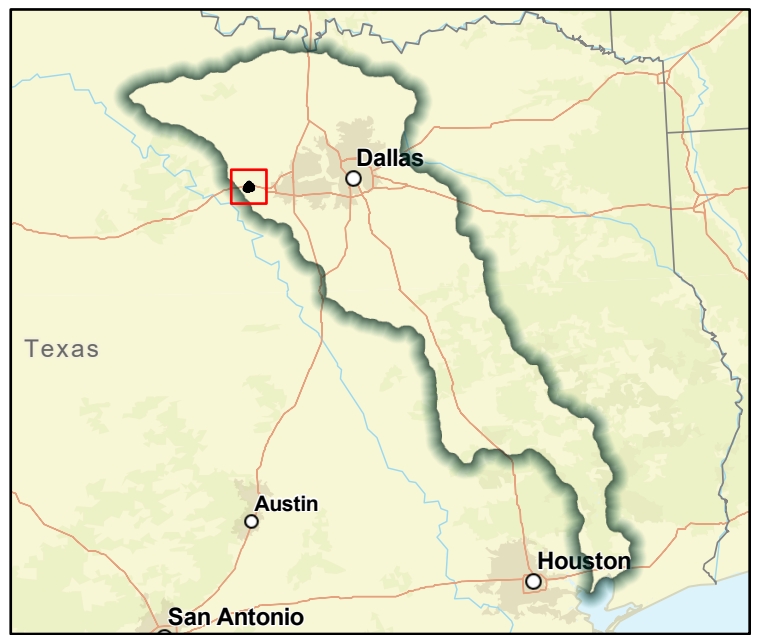
## Estimated Cost and Funding Availability

Total Cost **\$164,000** Amount of Available Funding **16,400** Federal funding availability **Yes**

Funding source **Local**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Headwaters of Clear Fork Trinity River Tributaries Through Hudson Oaks**

ID# **031000286**

Sponsor (name of entity, not person) **03003491**

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

## Study Details

Study type **Watershed Planning**

Study description **Study to determine flooding issues and potential future projects.**

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

County **Parker** Watershed HUC# (if known) **120301020203,120301020207,120301020204**

Drainage area (Square miles, est.) **5** Goal(s) **03000007, 03000008, 03000009, 03000010**

## 100-Year Flood Risk Summary

Population at risk **689** # of structures **32** Critical facilities **2**

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

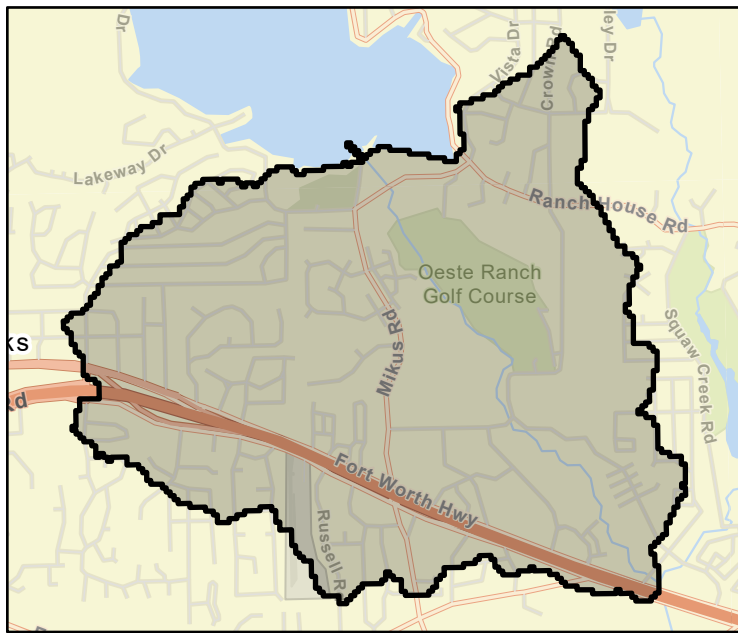
Farm/Ranch land impacted (acres) **179** Roadway(s) impacted (length) **3**

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

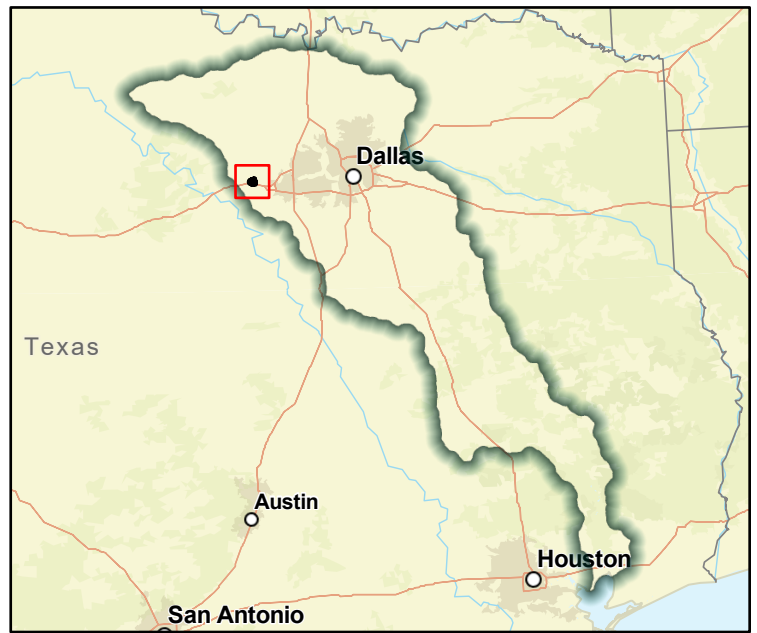
## Estimated Cost and Funding Availability

Total Cost **\$106,000** Amount of Available Funding **0** Federal funding availability **Yes**

Funding source **Local**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Headwaters of Willow Creek Regulatory Floodplain Determination Study**

ID# **031000287**

Sponsor (name of entity, not person) **03003013**

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

## Study Details

Study type **Watershed Planning**

Study description **Mapping study for Headwaters of Willow Creek through Mansfield ETJ.**

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

County **Tarrant** Watershed HUC# (if known) **120301020403,120301020604,120301020402,120301020405**

Drainage area (Square miles, est.) **6** Goal(s) **03000001, 03000002, 03000005, 03000006, 03000025, 03000026**

## 100-Year Flood Risk Summary

Population at risk **105** # of structures **43** Critical facilities **0**

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

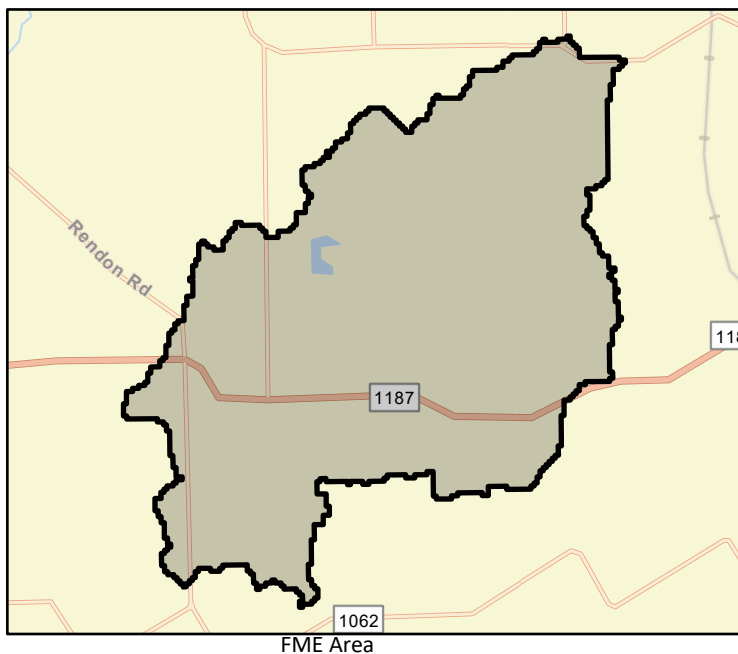
Farm/Ranch land impacted (acres) **188** Roadway(s) impacted (length) **1**

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

## Estimated Cost and Funding Availability

Total Cost **\$137,000** Amount of Available Funding **13,700** Federal funding availability **Yes**

Funding source **Local**



# Flood Management Evaluation (FME)



Title Mountain Creek and Tribs Regulatory Floodplain Determination Study  
 ID# 031000288  
 Sponsor (name of entity, not person) 03003013  
 RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance

## Study Details

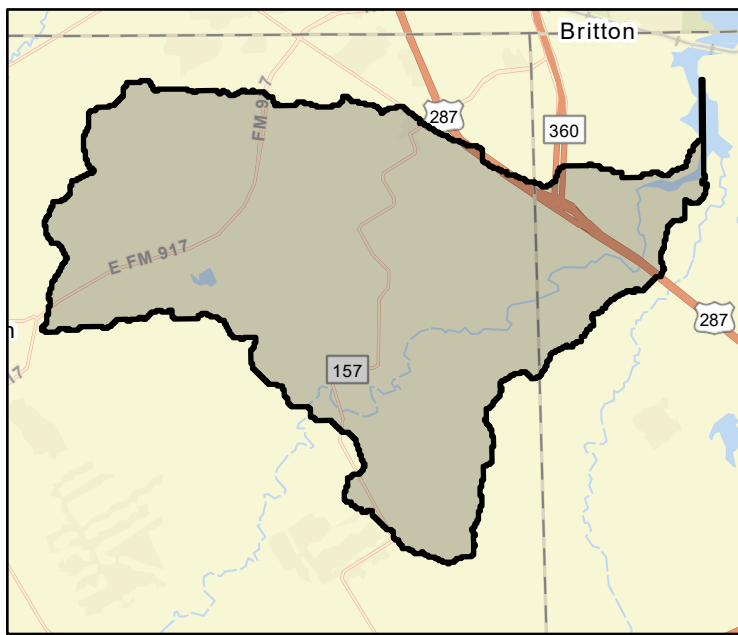
Study type Watershed Planning  
 Study description Mapping study for Mountain Creek and Tribs through Mansfield ETJ.  
 New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes  
 County Johnson, Ellis Watershed HUC# (if known) 120301020603,120301020601,120301020604,120301020605,120301020  
 Drainage area (Square miles, est.) 18 Goal(s) 03000001, 03000002, 03000005, 03000006, 03000025, 03000026

## 100-Year Flood Risk Summary

Population at risk 118 # of structures 61 Critical facilities 0  
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No  
 Farm/Ranch land impacted (acres) 1,347 Roadway(s) impacted (length) 4  
 Number of low water crossings 14 Historical road closures -

## Estimated Cost and Funding Availability

Total Cost \$396,000 Amount of Available Funding 39,600 Federal funding availability Yes  
 Funding source Local



FME Area



Regional view of FME area



# Flood Management Evaluation (FME)



Title **Hogpen Creek and Detention Facilities H&H Modeling Update**

ID# **031000289**

Sponsor (name of entity, not person) **03003013**

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

## Study Details

Study type **Watershed Planning**

Study description **Detailed headwaters study completed with detention. Needs a connectivity H&H modeling with identified detention.**

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

County **Tarrant** Watershed HUC# (if known) **120301020604,120301020605,120301020405**

Drainage area (Square miles, est.) **6** Goal(s) **03000005, 03000006, 03000009, 03000010, 03000021, 03000022,**

## 100-Year Flood Risk Summary

Population at risk **143** # of structures **43** Critical facilities **1**

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

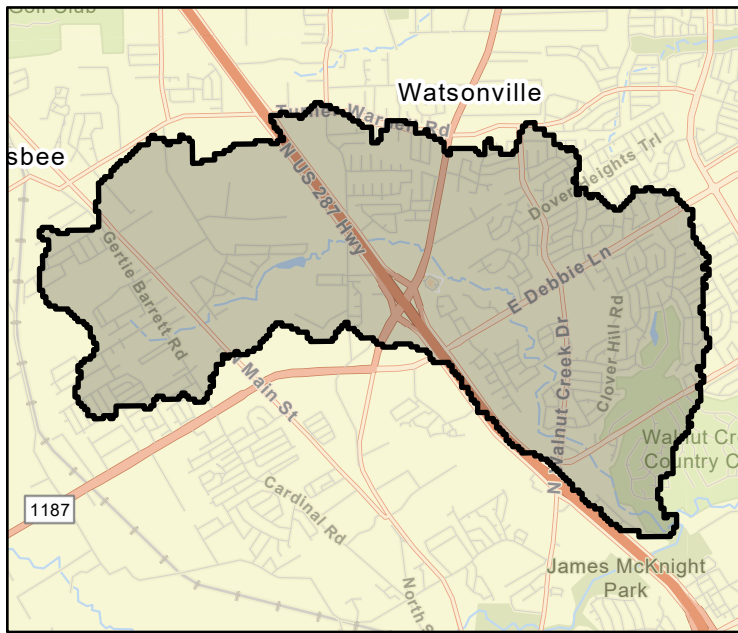
Farm/Ranch land impacted (acres) **34** Roadway(s) impacted (length) **1**

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

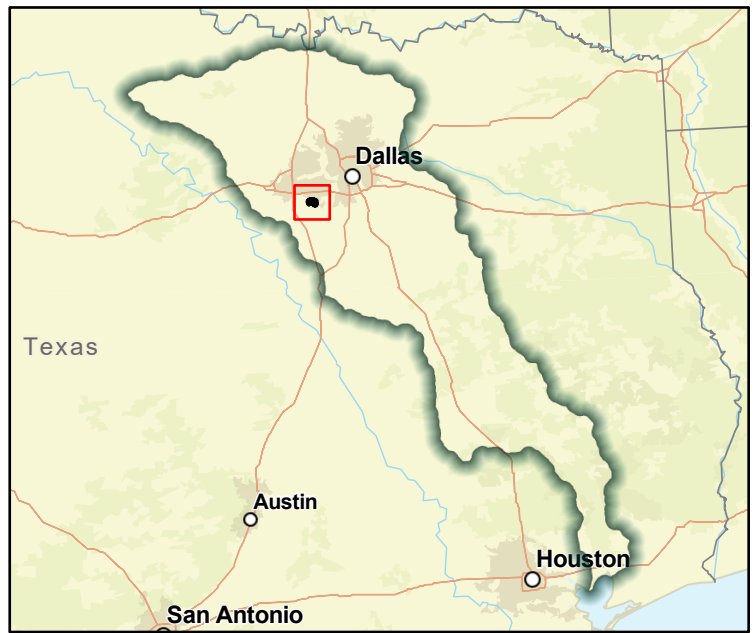
## Estimated Cost and Funding Availability

Total Cost **\$115,000** Amount of Available Funding **11,500** Federal funding availability **Yes**

Funding source **Local**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Rock Creek Watershed Study**

ID# **031000290**

Sponsor (name of entity, not person) **00003009**

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

## Study Details

Study type **Watershed Planning**

Study description **Study to improve knowledge of flood risks and facilitate the analysis of proposed developments within or adjacent to the floodplain.**

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

County **Johnson** Watershed HUC# (if known) **120301020401,120602020202,120602020201,120301020304**

Drainage area (Square miles, est.) **11** Goal(s) **03000005, 03000006, 03000023, 03000024,**

## 100-Year Flood Risk Summary

Population at risk **226** # of structures **88** Critical facilities **0**

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

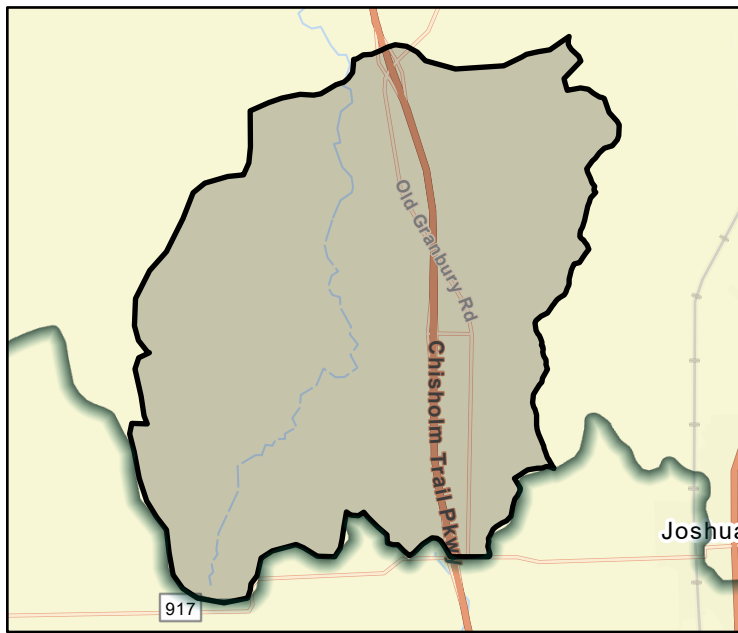
Farm/Ranch land impacted (acres) **637** Roadway(s) impacted (length) **3**

Number of low water crossings **14** Historical road closures **-**

## Estimated Cost and Funding Availability

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

Funding source **Local**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Walnut Creek Watershed Study**

ID# **031000291**

Sponsor (name of entity, not person) **00003009**

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

## Study Details

Study type **Watershed Planning**

Study description **Study to improve knowledge of flood risks and facilitate the analysis of proposed developments within or adjacent to the floodplain.**

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

County **Johnson** Watershed HUC# (if known) **120301020401,120301020604**

Drainage area (Square miles, est.) **3** Goal(s) **03000005, 03000006, 03000023, 03000024,**

## 100-Year Flood Risk Summary

Population at risk **56** # of structures **34** Critical facilities **0**

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

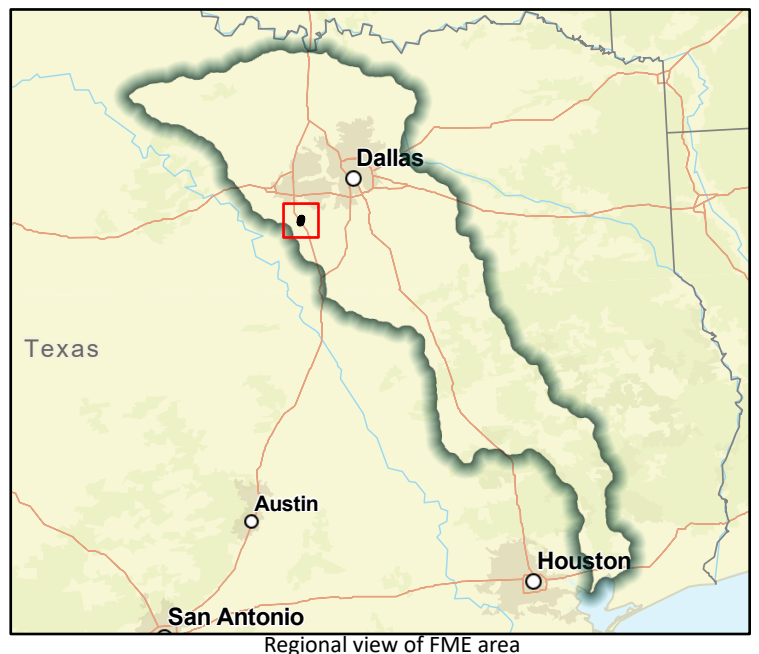
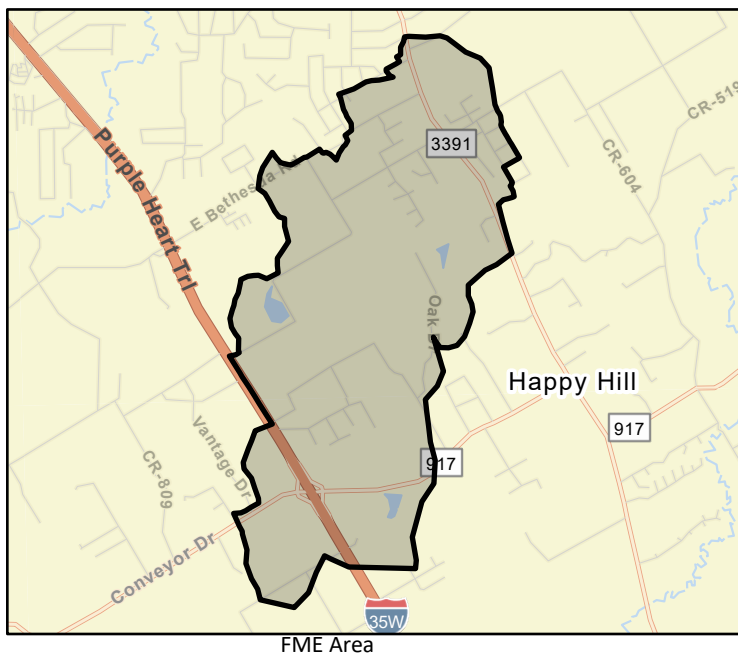
Farm/Ranch land impacted (acres) **95** Roadway(s) impacted (length) **1**

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

## Estimated Cost and Funding Availability

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

Funding source **Local**



# Flood Management Evaluation (FME)



Title **North Creek Watershed Study**

ID# **031000292**

Sponsor (name of entity, not person) **00003009**

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

## Study Details

Study type **Watershed Planning**

Study description **Study to improve knowledge of flood risks and facilitate the analysis of proposed developments within or adjacent to the floodplain.**

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

County **Johnson, Tarrant** Watershed HUC# (if known) **120301020401,120301020402**

Drainage area (Square miles, est.) **3** Goal(s) **03000005, 03000006, 03000023, 03000024, 03000039, 03000040**

## 100-Year Flood Risk Summary

Population at risk **91** # of structures **3** Critical facilities **0**

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

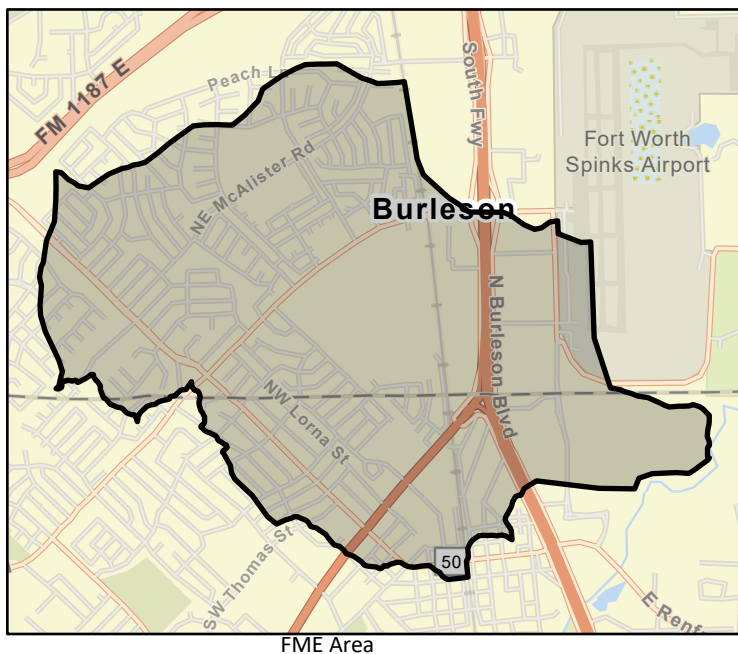
Farm/Ranch land impacted (acres) **20** Roadway(s) impacted (length) **1**

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

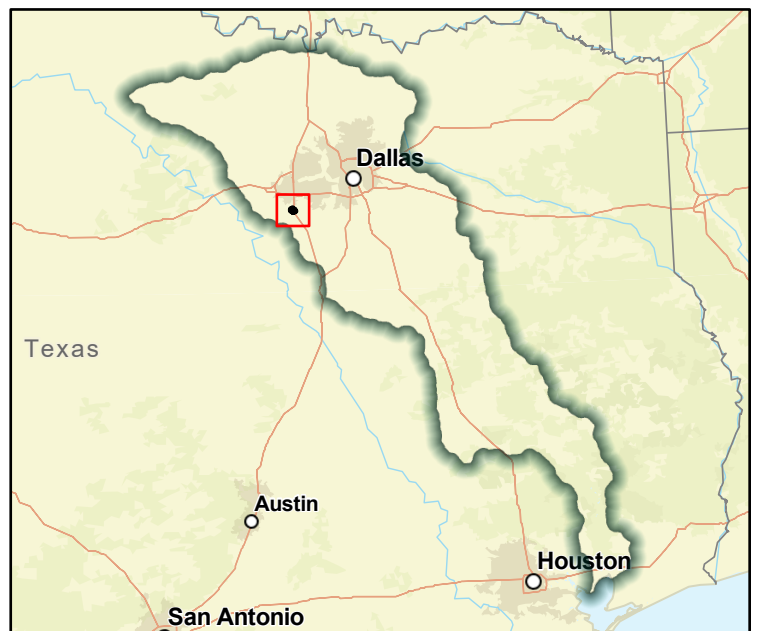
## Estimated Cost and Funding Availability

Total Cost **\$50,000** Amount of Available Funding **5,000** Federal funding availability **Yes**

Funding source **Local**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Quil Miller Creek Watershed Study**

ID# **031000293**

Sponsor (name of entity, not person) **00003009**

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

## Study Details

Study type **Watershed Planning**

Study description **Study to improve knowledge of flood risks and facilitate the analysis of proposed developments within or adjacent to the floodplain.**

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

County **Johnson** Watershed HUC# (if known) **120301020401,120602020202,120301090101,120301020604,120301020**

Drainage area (Square miles, est.) **23** Goal(s) **03000005, 03000006, 03000023, 03000024,**

## 100-Year Flood Risk Summary

Population at risk **596** # of structures **234** Critical facilities **2**

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

Farm/Ranch land impacted (acres) **1,015** Roadway(s) impacted (length) **6**

Number of low water crossings **19** Historical road closures **-**

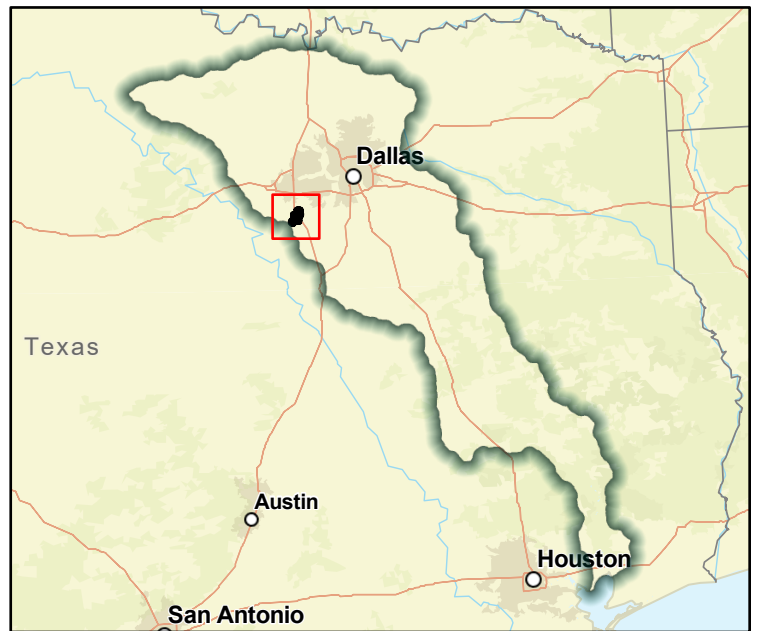
## Estimated Cost and Funding Availability

Total Cost **\$265,000** Amount of Available Funding **26,500** Federal funding availability **Yes**

Funding source **Local**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Hurst Creek Watershed Study**

ID# **031000294**

Sponsor (name of entity, not person) **00003009**

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

## Study Details

Study type **Watershed Planning**

Study description **Study to improve knowledge of flood risks and facilitate the analysis of proposed developments within or adjacent to the floodplain.**

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

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

Drainage area (Square miles, est.) **1** Goal(s) **03000005, 03000006, 03000023, 03000024,**

## 100-Year Flood Risk Summary

Population at risk **57** # of structures **14** Critical facilities **0**

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

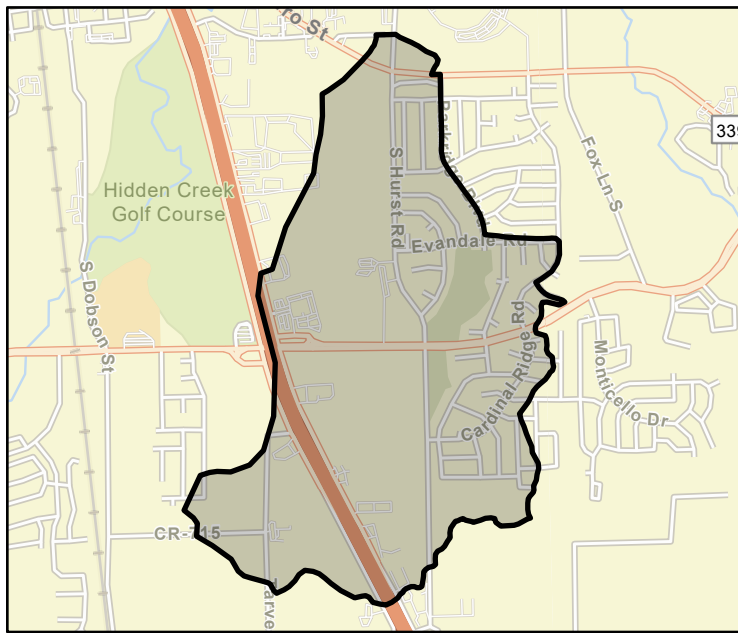
Farm/Ranch land impacted (acres) **6** Roadway(s) impacted (length) **0**

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

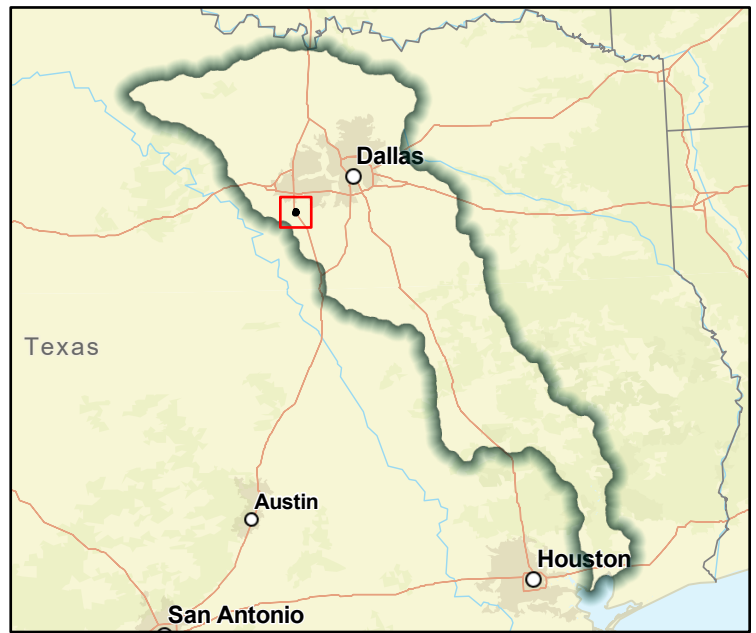
## Estimated Cost and Funding Availability

Total Cost **\$50,000** Amount of Available Funding **5,000** Federal funding availability **Yes**

Funding source **Local**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **City of Wilmer DMP**

ID# **031000295**

Sponsor (name of entity, not person) **03002566**

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? **Yes**

County **Dallas** Watershed HUC# (if known) **120301050202,120301050203**

Drainage area (Square miles, est.) **8** Goal(s) **03000007, 03000008, 03000009, 03000010**

## 100-Year Flood Risk Summary

Population at risk **573** # of structures **71** Critical facilities **0**

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

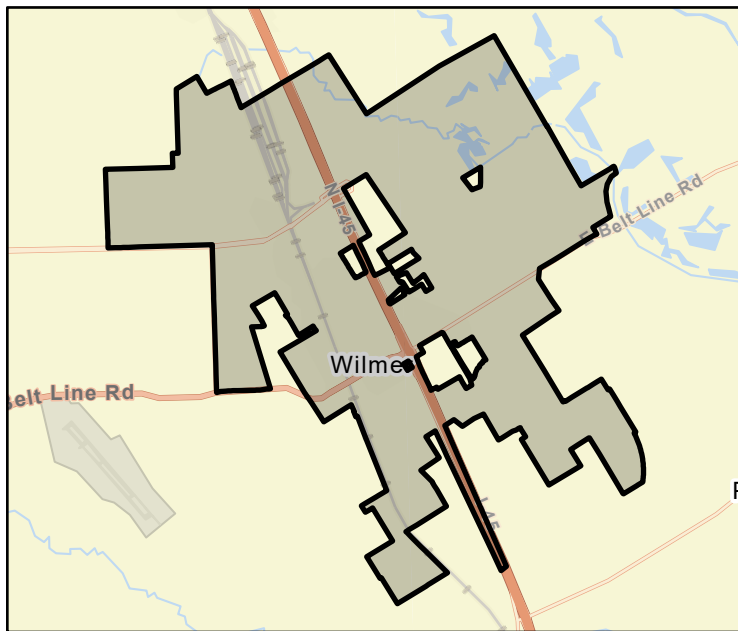
Farm/Ranch land impacted (acres) **195** Roadway(s) impacted (length) **4**

Number of low water crossings **9** 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**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Alta Mesa Branch at Persimmon Road**

ID# **031000296**

Sponsor (name of entity, not person) **03002819**

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

## Study Details

Study type **Project Planning**

Study description **Evaluate bridge improvements for Persimmon Road over Alta Mesa Branch**

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

County **Dallas** Watershed HUC# (if known) **120301050107,120301050108**

Drainage area (Square miles, est.) **7** Goal(s) **03000007, 03000008, 03000009, 03000010, 03000031, 03000032**

## 100-Year Flood Risk Summary

Population at risk **561** # of structures **179** Critical facilities **3**

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

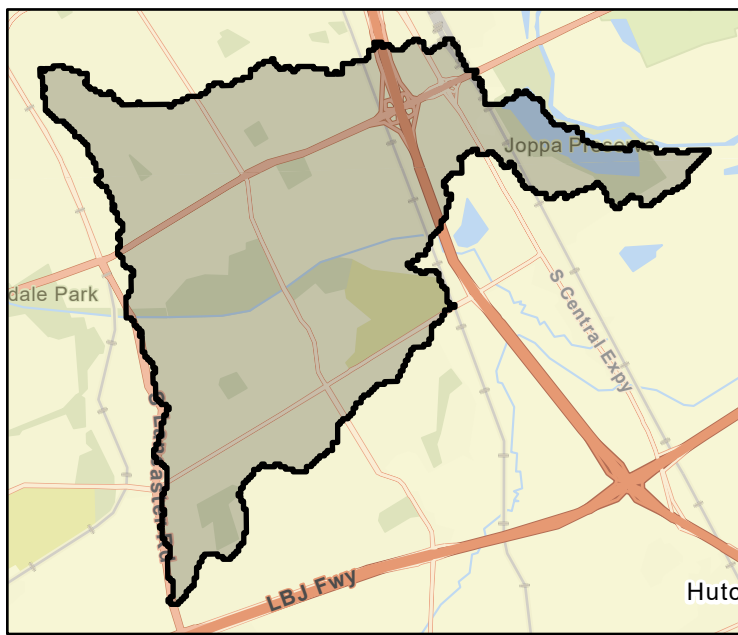
Farm/Ranch land impacted (acres) **161** Roadway(s) impacted (length) **10**

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

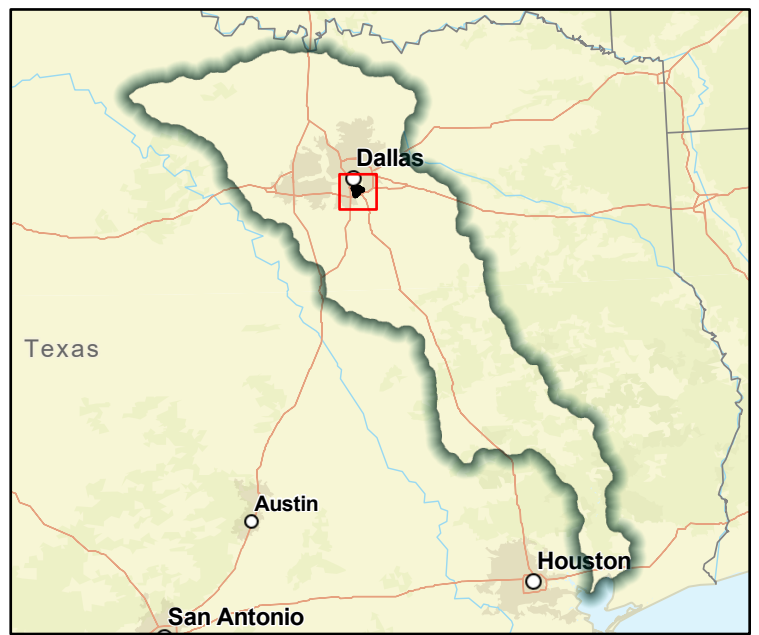
## Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **62,500** Federal funding availability **Yes**

Funding source **Local**



FME Area



Regional view of FME area



# Flood Management Evaluation (FME)



Title **Alta Mesa Branch at Simpson Stuart Road**

ID# **031000297**

Sponsor (name of entity, not person) **03002819**

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

## Study Details

Study type **Project Planning**

Study description **Evaluate culvert improvements for Simpson Stuart Road over Alta Mesa Branch**

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

County **Dallas** Watershed HUC# (if known) **120301050107,120301050108**

Drainage area (Square miles, est.) **7** Goal(s) **03000007, 03000008, 03000009, 03000010, 03000031, 03000032**

## 100-Year Flood Risk Summary

Population at risk **561** # of structures **179** Critical facilities **3**

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

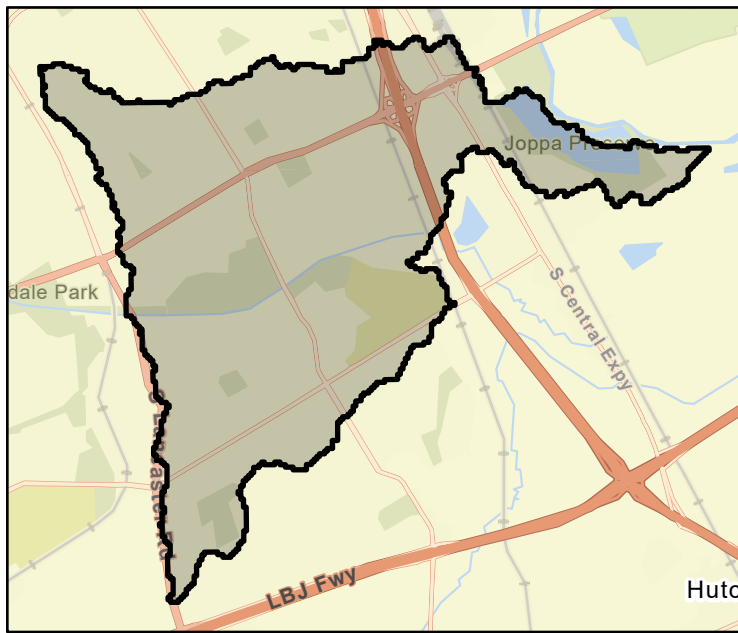
Farm/Ranch land impacted (acres) **161** Roadway(s) impacted (length) **10**

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

## Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **62,500** Federal funding availability **Yes**

Funding source **Local**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Alta Mesa Branch at Tracy Road**

ID# **031000298**

Sponsor (name of entity, not person) **03002819**

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

## Study Details

Study type **Project Planning**

Study description **Evaluate bridge improvements: Tracy Road over Alta Mesa Branch**

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

County **Dallas** Watershed HUC# (if known) **120301050107,120301050108**

Drainage area (Square miles, est.) **7** Goal(s) **03000007, 03000008, 03000009, 03000010, 03000031, 03000032**

## 100-Year Flood Risk Summary

Population at risk **561** # of structures **179** Critical facilities **3**

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

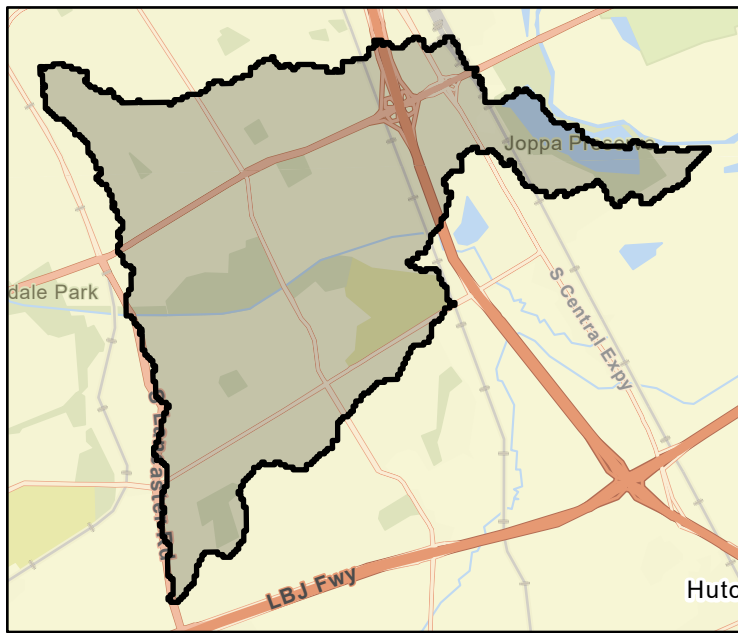
Farm/Ranch land impacted (acres) **161** Roadway(s) impacted (length) **10**

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

## Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **62,500** Federal funding availability **Yes**

Funding source **Local**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title Ricketts Branch at Camp Wisdom Road

ID# 031000299

Sponsor (name of entity, not person) 03002819

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

## Study Details

Study type Project Planning

Study description Evaluate bridge improvements for Camp Wisdom Road over Ricketts Branch (2 structures)

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

County Dallas Watershed HUC# (if known) 120301050107,120301050201

Drainage area (Square miles, est.) 4 Goal(s) 03000007, 03000008, 03000009, 03000010, 03000031, 03000032

## 100-Year Flood Risk Summary

Population at risk 19 # of structures 5 Critical facilities 0

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

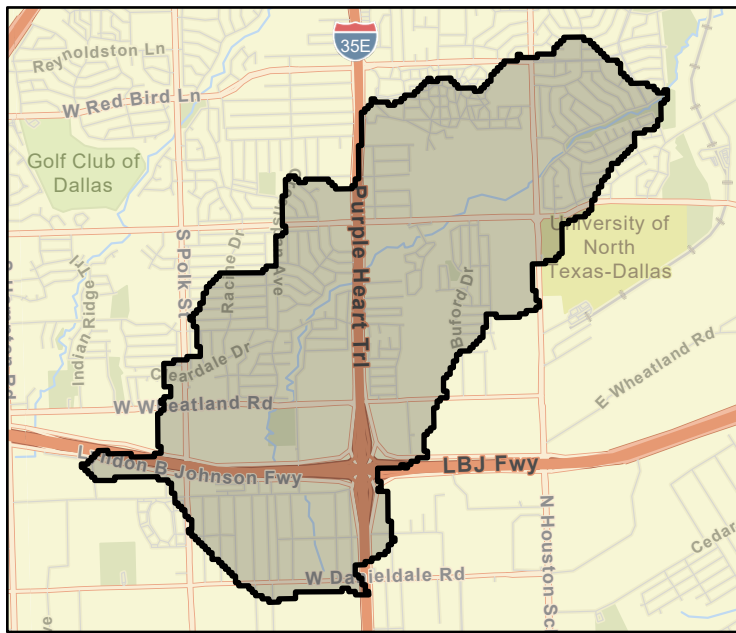
Farm/Ranch land impacted (acres) 2 Roadway(s) impacted (length) 1

Number of low water crossings 0 Historical road closures -

## Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 62,500 Federal funding availability Yes

Funding source Local



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title Ricketts Branch at IH 35E Service

ID# 031000300

Sponsor (name of entity, not person) 03002819

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

## Study Details

Study type Project Planning

Study description Evaluate bridge improvements for IH 35E over Ricketts Branch

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

County Dallas Watershed HUC# (if known) 120301050107,120301050201

Drainage area (Square miles, est.) 4 Goal(s) 03000007, 03000008, 03000009, 03000010, 03000031, 03000032

## 100-Year Flood Risk Summary

Population at risk 19 # of structures 5 Critical facilities 0

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

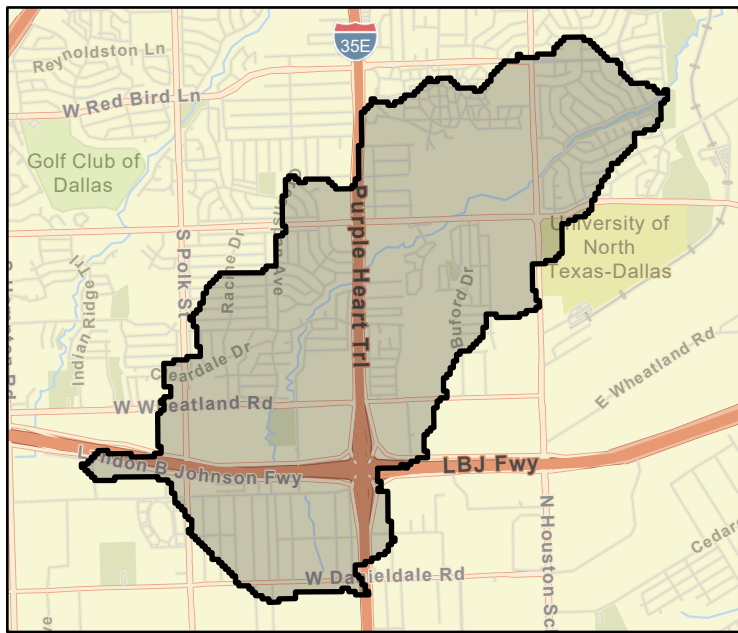
Farm/Ranch land impacted (acres) 2 Roadway(s) impacted (length) 1

Number of low water crossings 0 Historical road closures -

## Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 62,500 Federal funding availability Yes

Funding source Local



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Runyon Springs Branch at Crouch Road**

ID# **031000301**

Sponsor (name of entity, not person) **03002819**

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

## Study Details

Study type **Project Planning**

Study description **Evaluate bridge improvements for Crouch Road over Runyon Springs Branch**

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

County **Dallas** Watershed HUC# (if known) **120301050107,120301050201,120301050202,120301050108**

Drainage area (Square miles, est.) **4** Goal(s) **03000007, 03000008, 03000009, 03000010, 03000031, 03000032**

## 100-Year Flood Risk Summary

Population at risk **129** # of structures **9** Critical facilities **0**

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

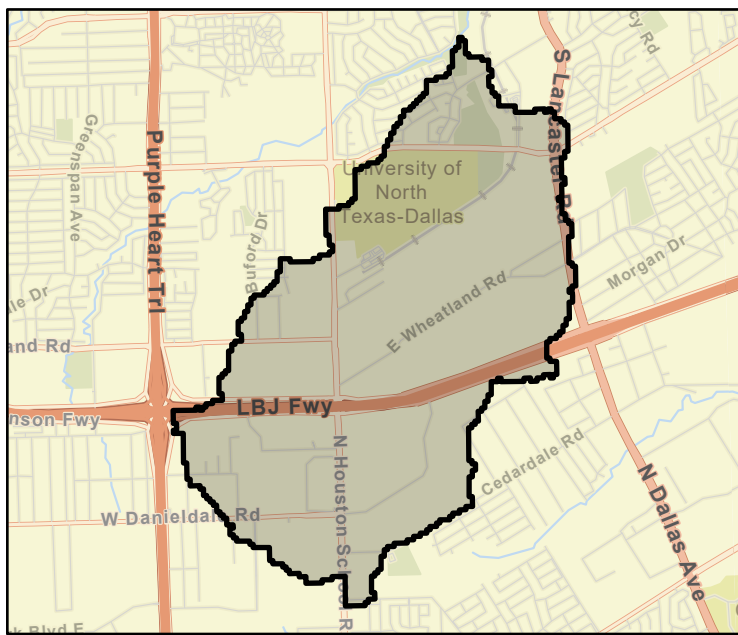
Farm/Ranch land impacted (acres) **23** Roadway(s) impacted (length) **2**

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

## Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **62,500** Federal funding availability **Yes**

Funding source **Local**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title Whites Branch at Langdon Road  
 ID# 031000302  
 Sponsor (name of entity, not person) 03002819  
 RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance

## Study Details

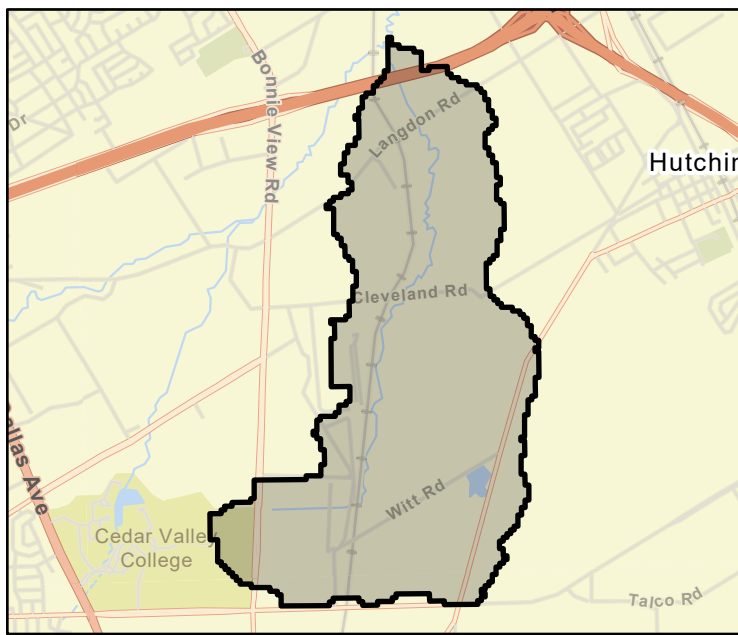
Study type Project Planning  
 Study description Evaluate bridge improvements for Langdon Road over Whites Branch  
 New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes  
 County Dallas Watershed HUC# (if known) 120301050202,120301050108,120301050203  
 Drainage area (Square miles, est.) 3 Goal(s) 03000007, 03000008, 03000009, 03000010, 03000031, 03000032

## 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) 19 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 62,500 Federal funding availability Yes  
 Funding source Local



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Wilson Branch at Bonnie View Road**

ID# **031000303**

Sponsor (name of entity, not person) **03002819**

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

## Study Details

Study type **Project Planning**

Study description **Evaluate bridge improvements for Bonnie View Road over Wilson Branch**

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

County **Dallas** Watershed HUC# (if known) **120301050108**

Drainage area (Square miles, est.) **4** Goal(s) **03000007, 03000008, 03000009, 03000010, 03000031, 03000032**

## 100-Year Flood Risk Summary

Population at risk **25** # of structures **27** Critical facilities **0**

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

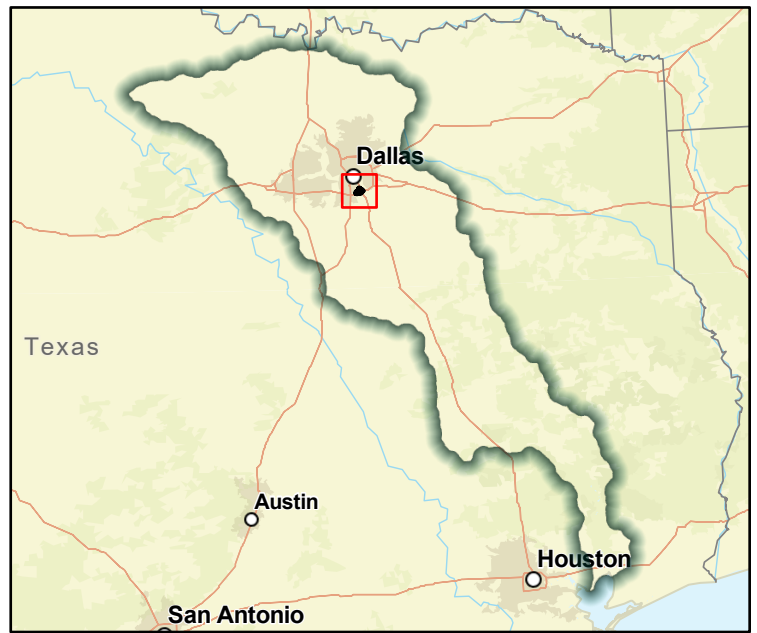
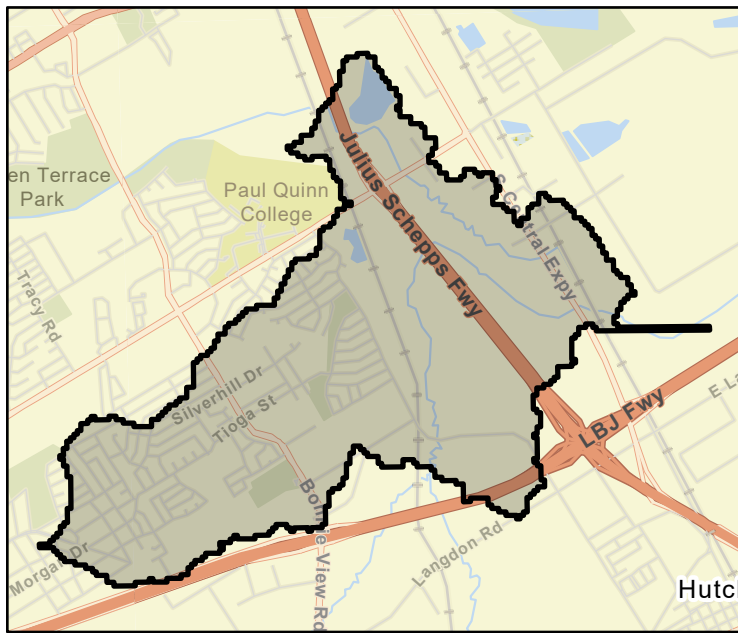
Farm/Ranch land impacted (acres) **64** Roadway(s) impacted (length) **5**

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

## Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **62,500** Federal funding availability **Yes**

Funding source **Local**



# Flood Management Evaluation (FME)



Title **Wilson Branch at J J Lemmon Road**

ID# **031000304**

Sponsor (name of entity, not person) **03002819**

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

## Study Details

Study type **Project Planning**

Study description **Evaluate bridge improvements for J J Lemmon Road over Wilson Branch**

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

County **Dallas** Watershed HUC# (if known) **120301050108**

Drainage area (Square miles, est.) **4** Goal(s) **03000007, 03000008, 03000009, 03000010, 03000031, 03000032**

## 100-Year Flood Risk Summary

Population at risk **25** # of structures **27** Critical facilities **0**

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

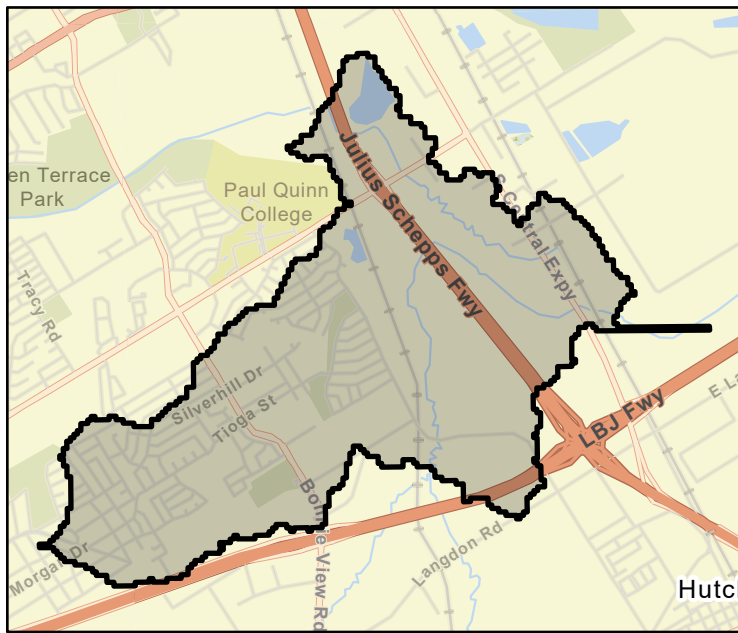
Farm/Ranch land impacted (acres) **64** Roadway(s) impacted (length) **5**

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

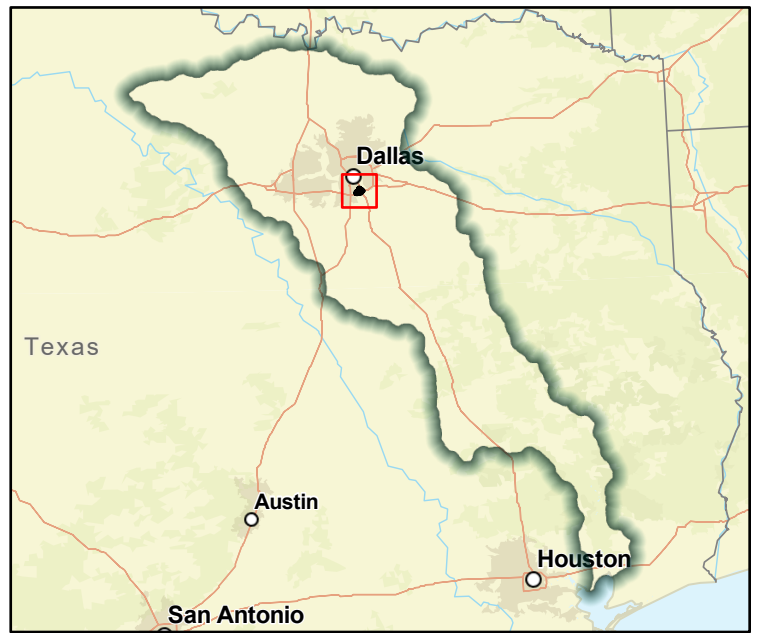
## Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **62,500** Federal funding availability **Yes**

Funding source **Local**



FME Area



Regional view of FME area



# Flood Management Evaluation (FME)



Title **Wilson Branch at Tioga Street**

ID# **031000305**

Sponsor (name of entity, not person) **03002819**

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

## Study Details

Study type **Project Planning**

Study description **Evaluate bridge improvements for Tioga Street over Wilson Branch**

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

County **Dallas** Watershed HUC# (if known) **120301050108**

Drainage area (Square miles, est.) **4** Goal(s) **03000007, 03000008, 03000009, 03000010, 03000031, 03000032**

## 100-Year Flood Risk Summary

Population at risk **25** # of structures **27** Critical facilities **0**

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

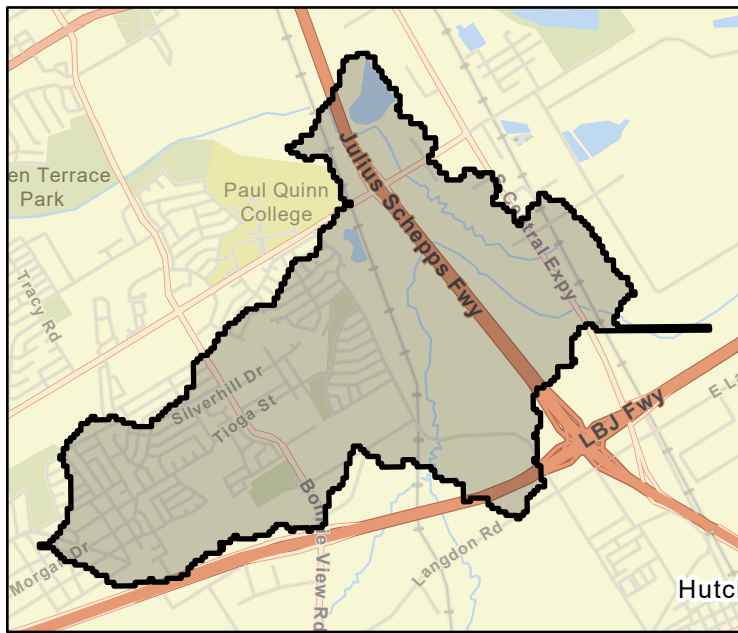
Farm/Ranch land impacted (acres) **64** Roadway(s) impacted (length) **5**

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

## Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **62,500** Federal funding availability **Yes**

Funding source **Local**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Woody Branch at Loop 12**

ID# **031000306**

Sponsor (name of entity, not person) **03002819**

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

## Study Details

Study type **Project Planning**

Study description **Evaluate bridge improvements for Loop 12 over Woody Branch**

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

County **Dallas** Watershed HUC# (if known) **120301050107,120301050201,120301020607**

Drainage area (Square miles, est.) **11** Goal(s) **03000007, 03000008, 03000009, 03000010, 03000031, 03000032**

## 100-Year Flood Risk Summary

Population at risk **405** # of structures **106** Critical facilities **1**

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

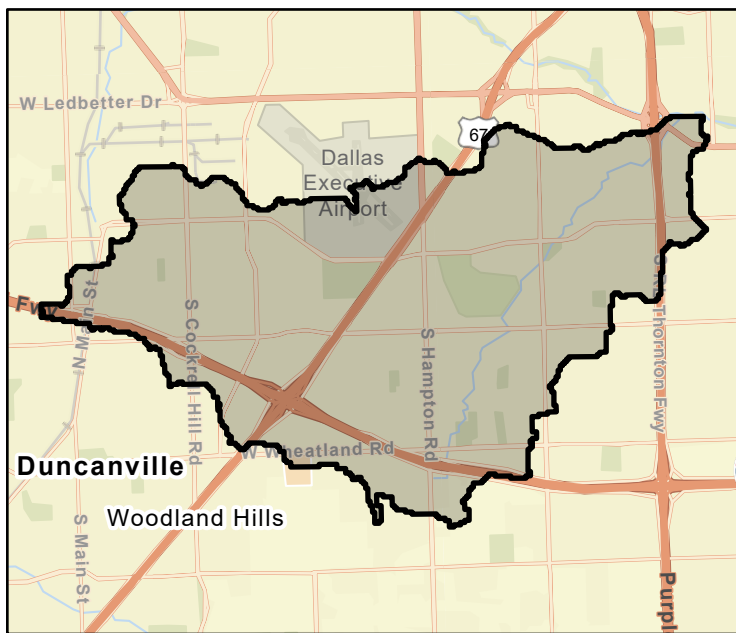
Farm/Ranch land impacted (acres) **3** Roadway(s) impacted (length) **6**

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

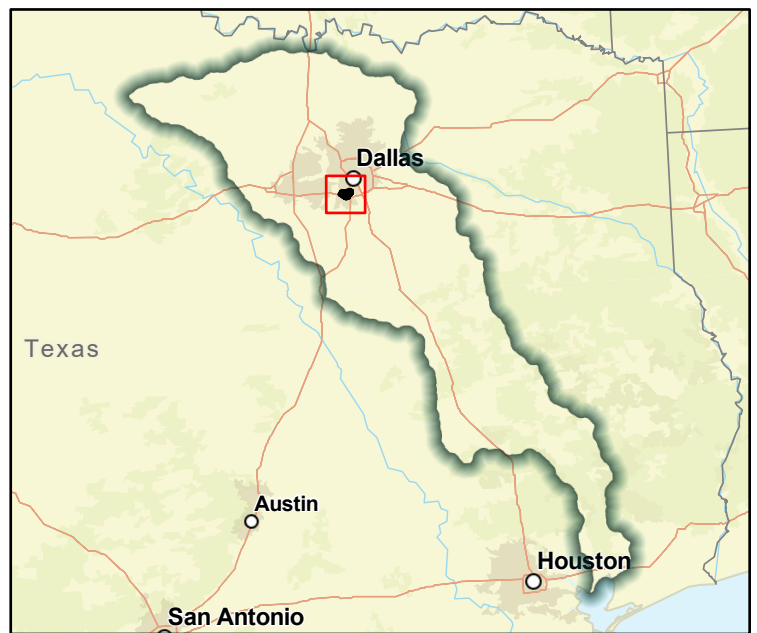
## Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **62,500** Federal funding availability **Yes**

Funding source **Local**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Hutchins Creek at Denton Street**

ID# **031000307**

Sponsor (name of entity, not person) **03002562**

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

## Study Details

Study type **Project Planning**

Study description **Evaluate culvert improvements for Denton Street over Hutchins Creek**

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

County **Dallas** Watershed HUC# (if known) **120301050108,120301050203**

Drainage area (Square miles, est.) **2** Goal(s) **03000007, 03000008, 03000009, 03000010, 03000031, 03000032**

## 100-Year Flood Risk Summary

Population at risk **38** # of structures **7** Critical facilities **0**

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

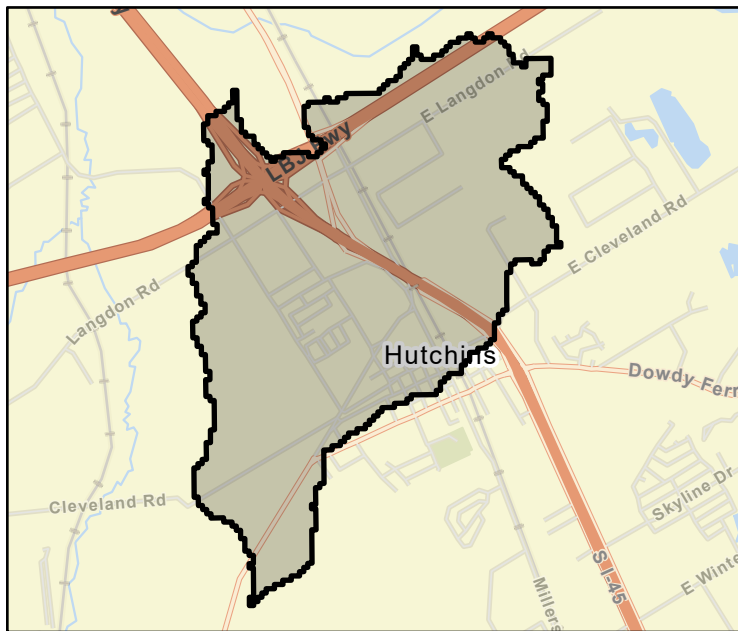
Farm/Ranch land impacted (acres) **30** Roadway(s) impacted (length) **1**

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**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Hutchins Creek at J J Lemmon Street**

ID# **031000308**

Sponsor (name of entity, not person) **03002562**

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

## Study Details

Study type **Project Planning**

Study description **Evaluate bridge improvements for J J Lemmon Street over Hutchins Creek**

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

County **Dallas** Watershed HUC# (if known) **120301050108,120301050203**

Drainage area (Square miles, est.) **2** Goal(s) **03000007, 03000008, 03000009, 03000010, 03000031, 03000032**

## 100-Year Flood Risk Summary

Population at risk **38** # of structures **7** Critical facilities **0**

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

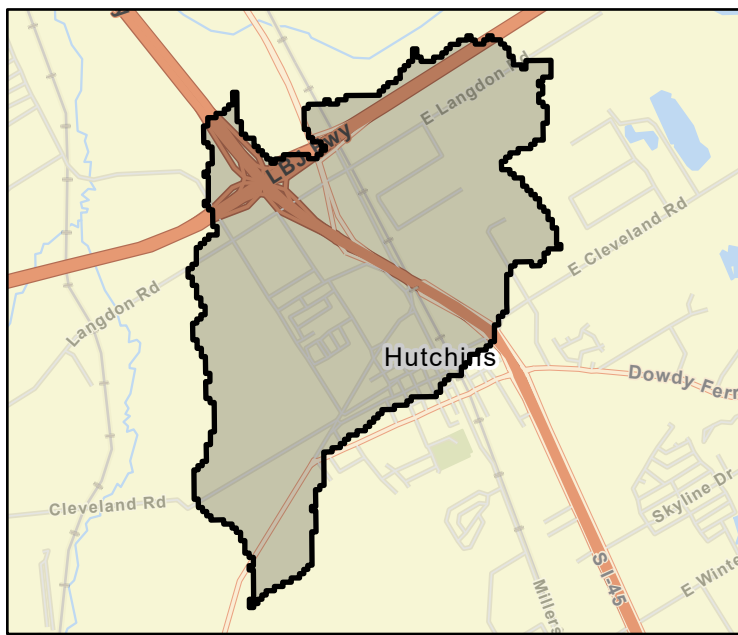
Farm/Ranch land impacted (acres) **30** Roadway(s) impacted (length) **1**

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**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Hutchins Creek at Main Street**

ID# **031000309**

Sponsor (name of entity, not person) **03002562**

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

## Study Details

Study type **Project Planning**

Study description **Evaluate bridge improvements for Main Street over Hutchins Creek**

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

County **Dallas** Watershed HUC# (if known) **120301050108,120301050203**

Drainage area (Square miles, est.) **2** Goal(s) **03000007, 03000008, 03000009, 03000010, 03000031, 03000032**

## 100-Year Flood Risk Summary

Population at risk **38** # of structures **7** Critical facilities **0**

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

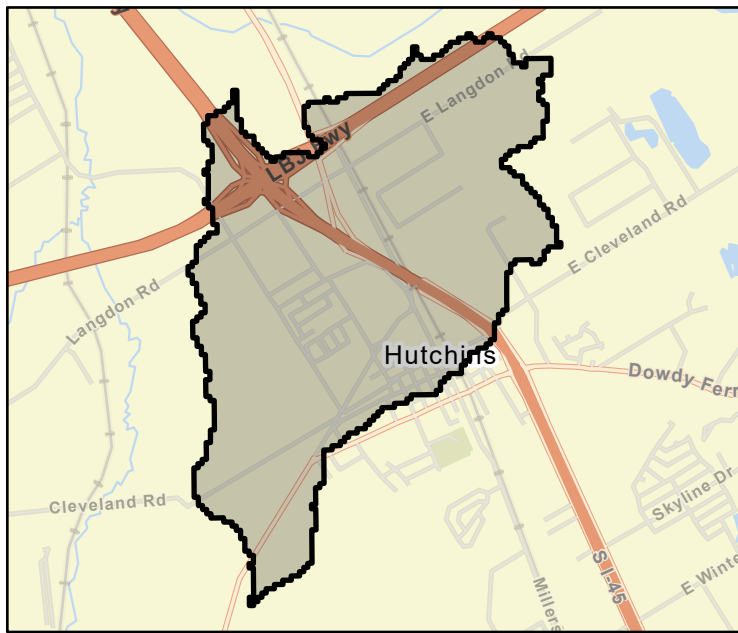
Farm/Ranch land impacted (acres) **30** Roadway(s) impacted (length) **1**

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**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Rawlins Creek at Dowdy Ferry Road**

ID# **031000310**

Sponsor (name of entity, not person) **03002562**

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

## Study Details

Study type **Project Planning**

Study description **Evaluate bridge improvements for Dowdy Ferry Road over Rawlins Creek**

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

County **Dallas** Watershed HUC# (if known) **120301050108,120301050203**

Drainage area (Square miles, est.) **4** Goal(s) **03000007, 03000008, 03000009, 03000010, 03000031, 03000032**

## 100-Year Flood Risk Summary

Population at risk **61** # of structures **29** Critical facilities **1**

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

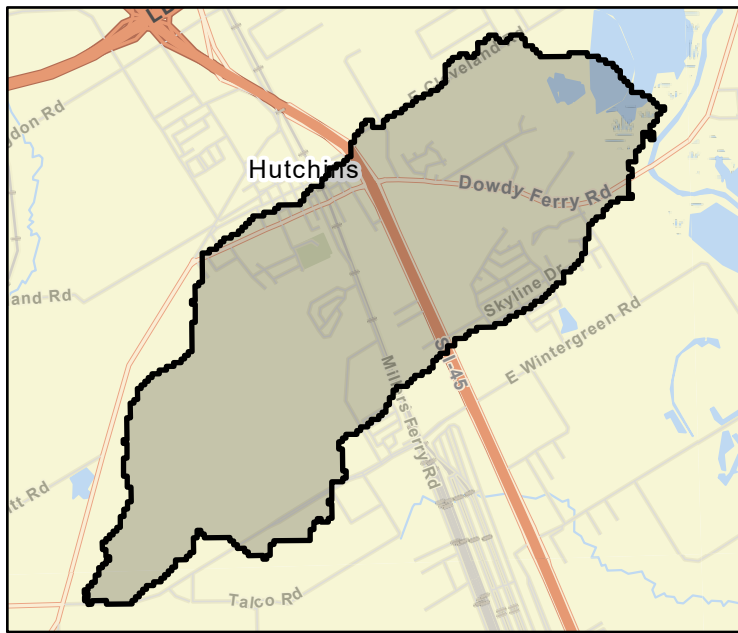
Farm/Ranch land impacted (acres) **82** Roadway(s) impacted (length) **1**

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

## Estimated Cost and Funding Availability

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

Funding source **Local**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Rawlins Creek at IH 45**

ID# **031000311**

Sponsor (name of entity, not person) **03002562**

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

## Study Details

Study type **Project Planning**

Study description **Evaluate bridge improvements for IH 45 over Rawlins Creek**

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

County **Dallas** Watershed HUC# (if known) **120301050108,120301050203**

Drainage area (Square miles, est.) **4** Goal(s) **03000007, 03000008, 03000009, 03000010, 03000031, 03000032**

## 100-Year Flood Risk Summary

Population at risk **61** # of structures **29** Critical facilities **1**

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

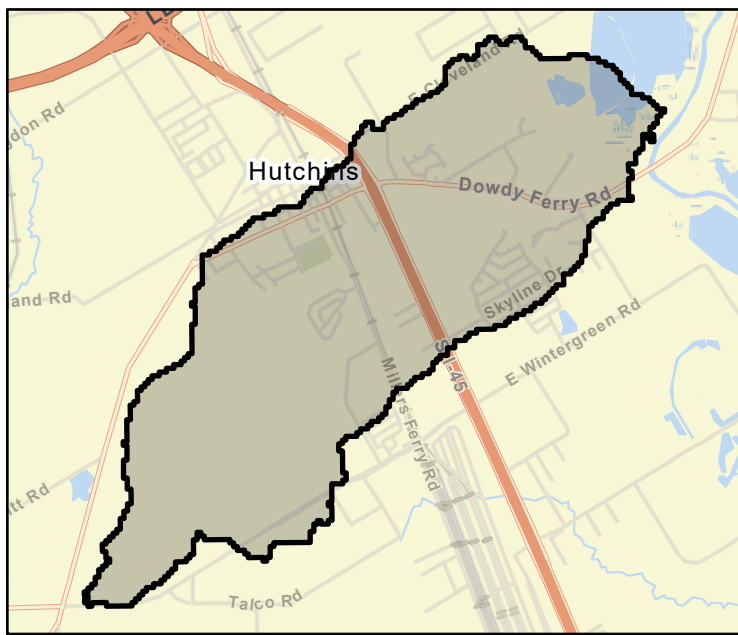
Farm/Ranch land impacted (acres) **82** Roadway(s) impacted (length) **1**

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

## Estimated Cost and Funding Availability

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

Funding source **Local**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Rawlins Creek at Main Street**

ID# **031000312**

Sponsor (name of entity, not person) **03002562**

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

## Study Details

Study type **Project Planning**

Study description **Evaluate bridge improvements for Main Street over Rawlins Creek**

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

County **Dallas** Watershed HUC# (if known) **120301050108,120301050203**

Drainage area (Square miles, est.) **4** Goal(s) **03000007, 03000008, 03000009, 03000010, 03000031, 03000032**

## 100-Year Flood Risk Summary

Population at risk **61** # of structures **29** Critical facilities **1**

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

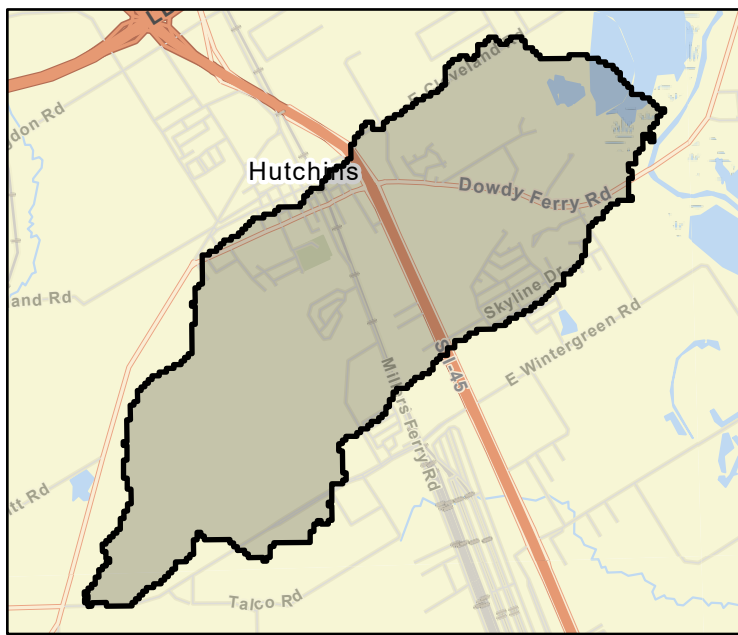
Farm/Ranch land impacted (acres) **82** Roadway(s) impacted (length) **1**

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

## Estimated Cost and Funding Availability

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

Funding source **Local**



FME Area



Regional view of FME area



# Flood Management Evaluation (FME)



Title **Stream 4A4 at Goode Road**

ID# **031000313**

Sponsor (name of entity, not person) **03002562**

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

## Study Details

Study type **Project Planning**

Study description **Evaluate bridge improvements for Goode Road over Stream 4A4**

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

County **Dallas** Watershed HUC# (if known) **120301050203**

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

## 100-Year Flood Risk Summary

Population at risk **405** # of structures **2** Critical facilities **0**

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

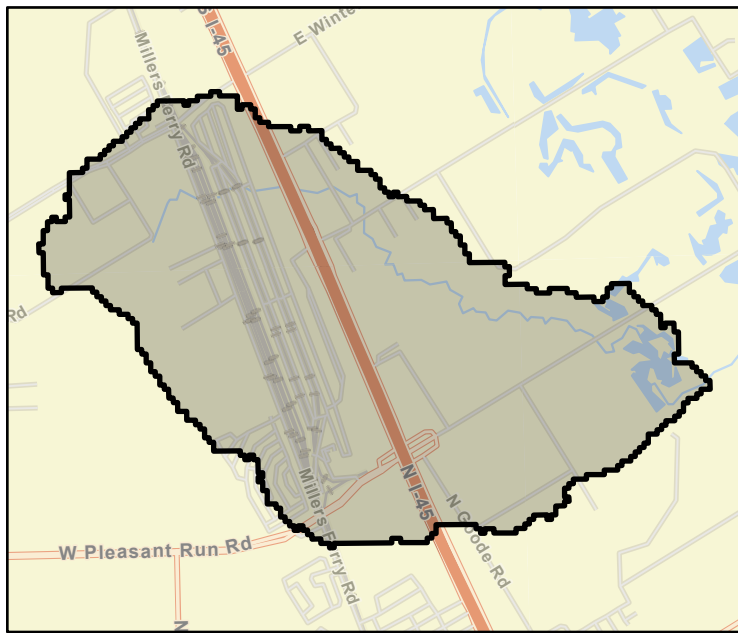
Farm/Ranch land impacted (acres) **57** Roadway(s) impacted (length) **1**

Number of low water crossings **7** 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**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title Stream 4A4 at IH 45

ID# 031000314

Sponsor (name of entity, not person) 03002562

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

## Study Details

Study type Project Planning

Study description Evaluate bridge improvements for IH 45 over Stream 4A4

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

County Dallas Watershed HUC# (if known) 120301050203

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

## 100-Year Flood Risk Summary

Population at risk 405 # of structures 2 Critical facilities 0

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

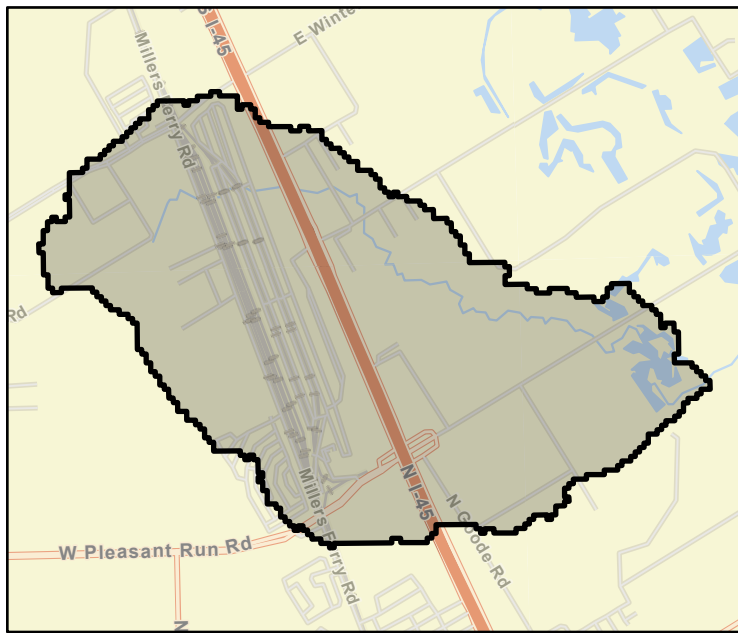
Farm/Ranch land impacted (acres) 57 Roadway(s) impacted (length) 1

Number of low water crossings 7 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



FME Area



Regional view of FME area