

# Flood Management Evaluation (FME)



Title **Rockwall County FEMA Mapping**

ID# **031000029**

Sponsor (name of entity, not person) **Rockwall County**

RFPG recommend? **Yes** Reason for Recommendation **Increases mapping coverage**

## Study Details

Study type **Watershed Planning**

Study description **Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.**

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

County **Rockwall** Watershed HUC# (if known) **120301060409,120301060402,120301060502,120301060401,120100010**

Drainage area (Square miles, est.) **148** Goal(s) **03000005, 03000006**

## 100-Year Flood Risk Summary

Population at risk **1,553** # of structures **411** Critical facilities **3**

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

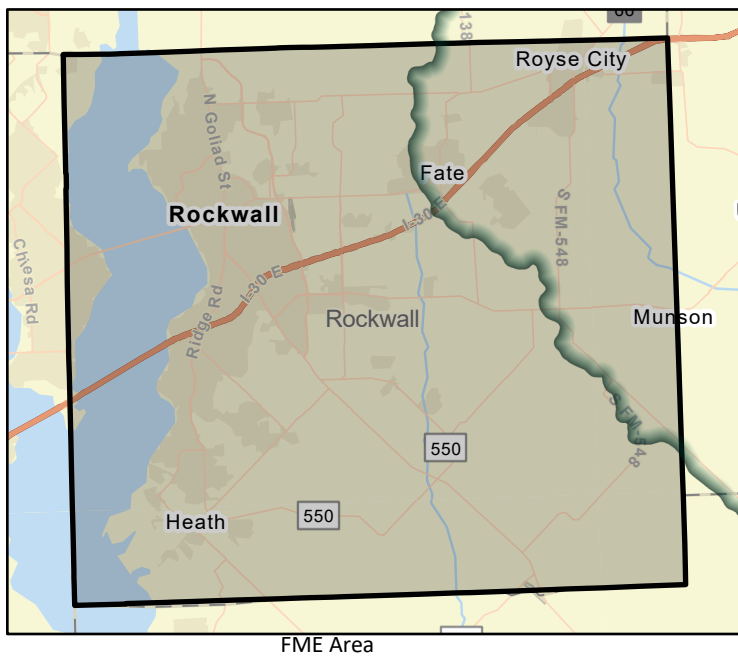
Farm/Ranch land impacted (acres) **4,485** Roadway(s) impacted (length) **34**

Number of low water crossings **15** Historical road closures **-**

## Estimated Cost and Funding Availability

Total Cost **\$252,000** Amount of Available Funding **25,200** Federal funding availability **Yes**

Funding source **Local, State**



# Flood Management Evaluation (FME)



Title **San Jacinto County FEMA Mapping**

ID# **031000030**

Sponsor (name of entity, not person) **San Jacinto County**

RFPG recommend? **Yes** Reason for Recommendation **Increases mapping coverage**

## Study Details

Study type **Watershed Planning**

Study description **Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.**

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

County **San Jacinto** Watershed HUC# (if known) **120301060409,120301060402,120301060502,120301060401,120100010**

Drainage area (Square miles, est.) **626** Goal(s) **03000005, 03000006**

## 100-Year Flood Risk Summary

Population at risk **3,161** # of structures **2,637** Critical facilities **13**

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

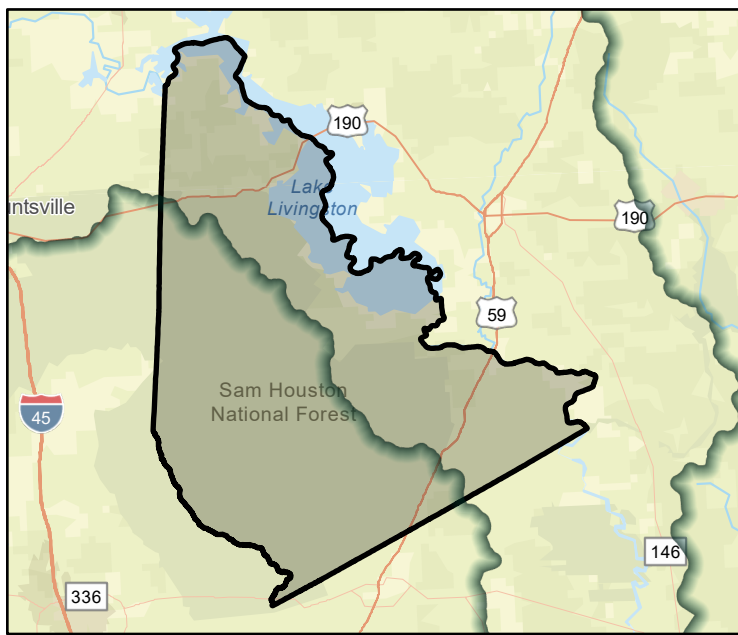
Farm/Ranch land impacted (acres) **11,299** Roadway(s) impacted (length) **83**

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

## Estimated Cost and Funding Availability

Total Cost **\$907,000** Amount of Available Funding **90,700** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Trinity County FEMA Mapping**

ID# **031000031**

Sponsor (name of entity, not person) **Trinity County**

RFPG recommend? **Yes** Reason for Recommendation **Increases mapping coverage**

## Study Details

Study type **Watershed Planning**

Study description **Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.**

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

County **Trinity** Watershed HUC# (if known) **120301060409,120301060402,120301060502,120301060401,120100010**

Drainage area (Square miles, est.) **710** Goal(s) **03000005, 03000006**

## 100-Year Flood Risk Summary

Population at risk **1,895** # of structures **1,312** Critical facilities **11**

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

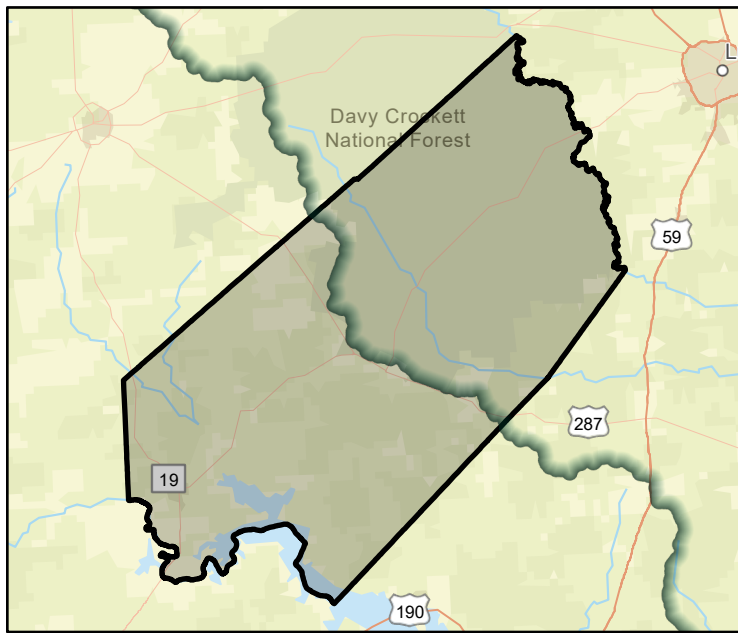
Farm/Ranch land impacted (acres) **9,960** Roadway(s) impacted (length) **54**

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

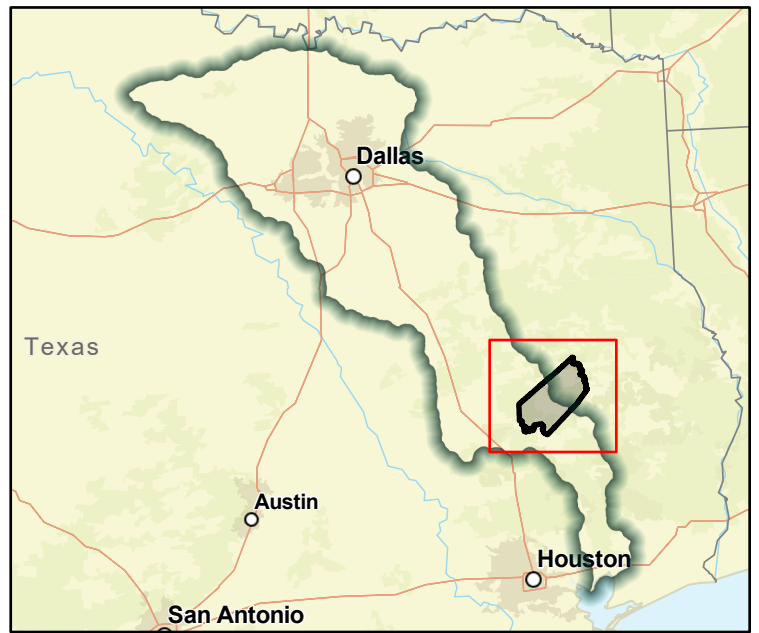
## Estimated Cost and Funding Availability

Total Cost **\$989,000** Amount of Available Funding **98,900** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Van Zandt County FEMA Mapping**

ID# **031000032**

Sponsor (name of entity, not person) **Van Zandt County**

RFPG recommend? **Yes** Reason for Recommendation **Increases mapping coverage**

## Study Details

Study type **Watershed Planning**

Study description **Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.**

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

County **Van Zandt** Watershed HUC# (if known) **120301060409,120301060402,120301060502,120301060401,120100010**

Drainage area (Square miles, est.) **856** Goal(s) **03000005, 03000006**

## 100-Year Flood Risk Summary

Population at risk **151** # of structures **118** Critical facilities **1**

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

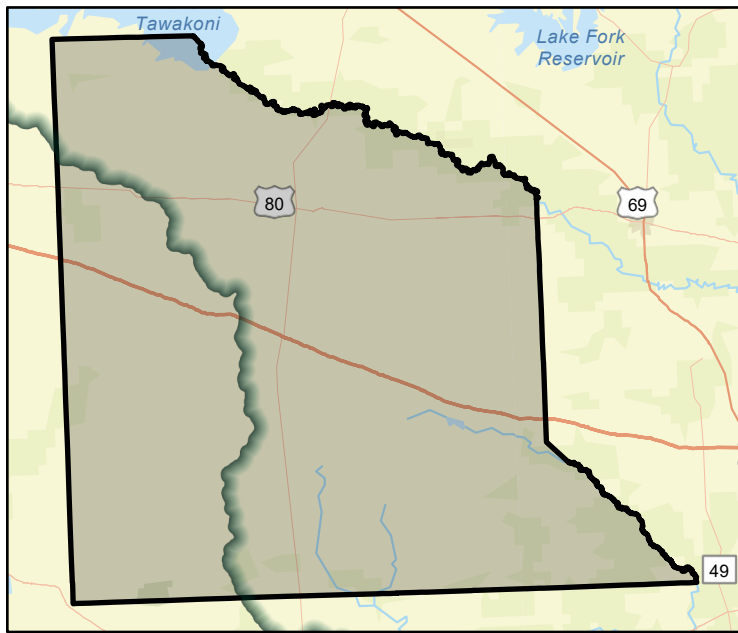
Farm/Ranch land impacted (acres) **1,379** Roadway(s) impacted (length) **37**

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

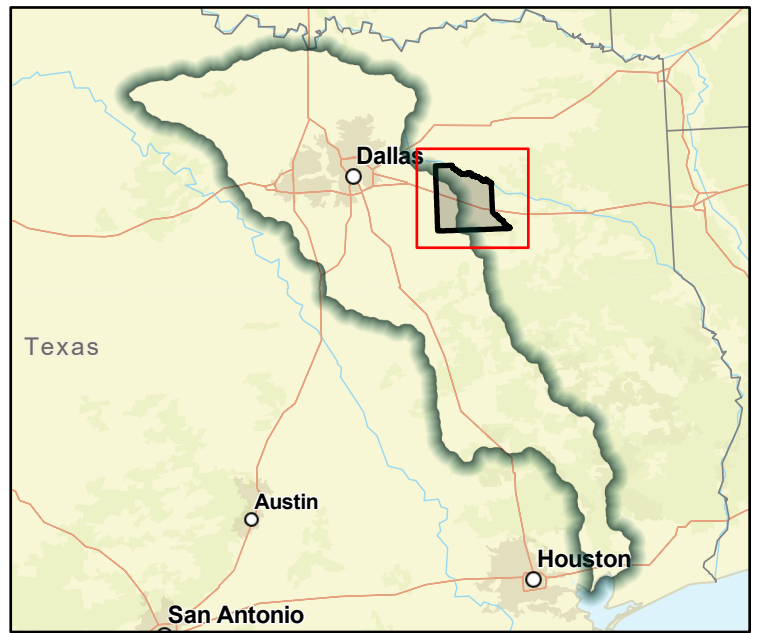
## Estimated Cost and Funding Availability

Total Cost **\$1,272,000** Amount of Available Funding **127,200** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title Walker County FEMA Mapping  
 ID# 031000033  
 Sponsor (name of entity, not person) Walker County  
 RFPG recommend? Yes Reason for Recommendation Increases mapping coverage

## Study Details

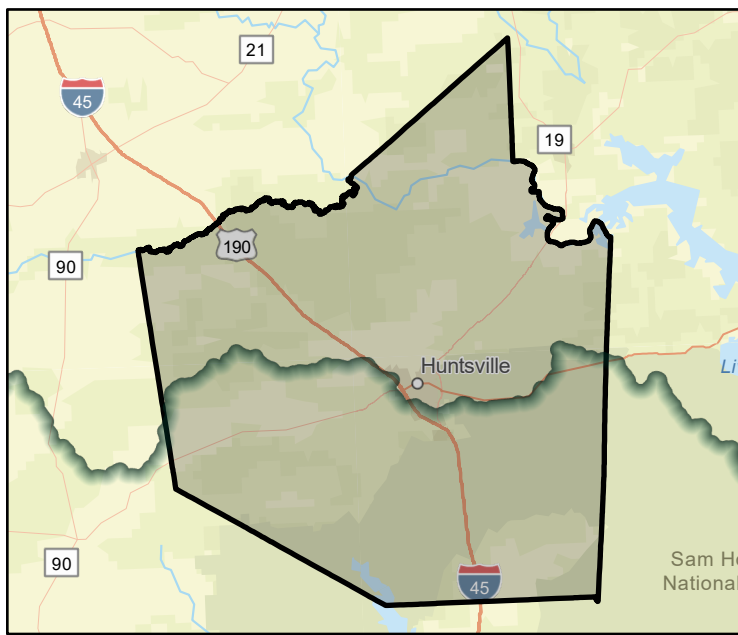
Study type Watershed Planning  
 Study description Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.  
 New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes  
 County Walker Watershed HUC# (if known) 120301060409,120301060402,120301060502,120301060401,120100010  
 Drainage area (Square miles, est.) 798 Goal(s) 03000005, 03000006

## 100-Year Flood Risk Summary

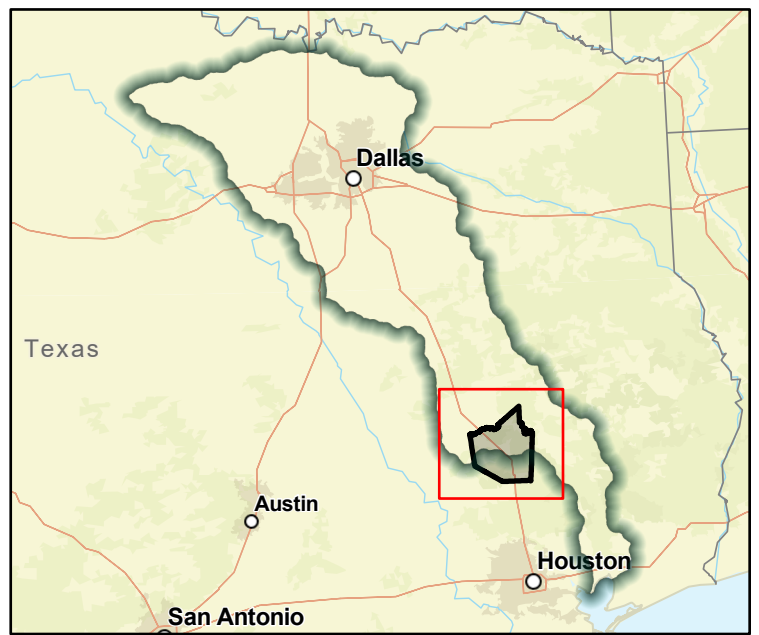
Population at risk 4,303 # of structures 1,654 Critical facilities 11  
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No  
 Farm/Ranch land impacted (acres) 28,691 Roadway(s) impacted (length) 59  
 Number of low water crossings 5 Historical road closures -

## Estimated Cost and Funding Availability

Total Cost \$1,276,000 Amount of Available Funding 127,600 Federal funding availability Yes  
 Funding source Local, State



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Wise County FEMA Mapping**

ID# **031000034**

Sponsor (name of entity, not person) **Wise County**

RFPG recommend? **Yes** Reason for Recommendation **Increases mapping coverage**

## Study Details

Study type **Watershed Planning**

Study description **Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.**

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

County **Wise** Watershed HUC# (if known) **120301060409,120301060402,120301060502,120301060401,120100010**

Drainage area (Square miles, est.) **920** Goal(s) **03000005, 03000006**

## 100-Year Flood Risk Summary

Population at risk **1,545** # of structures **601** Critical facilities **11**

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

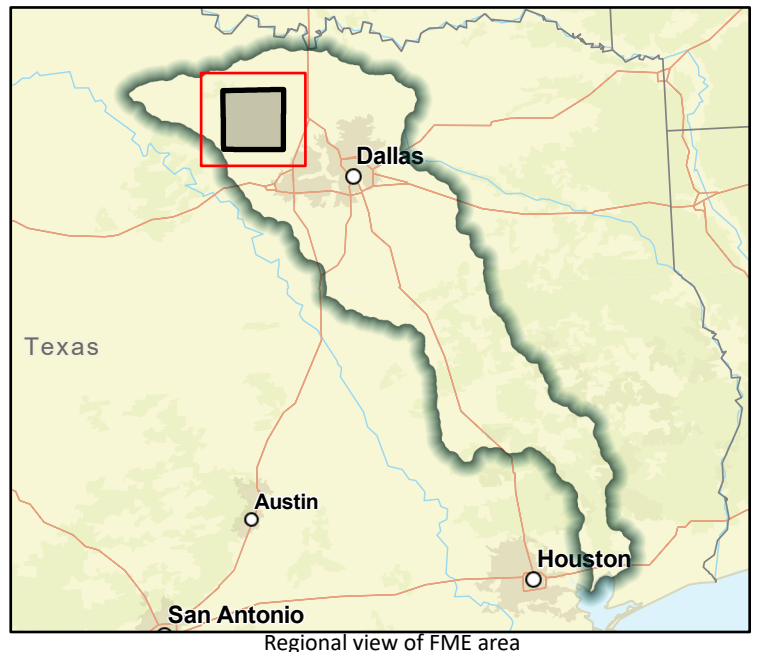
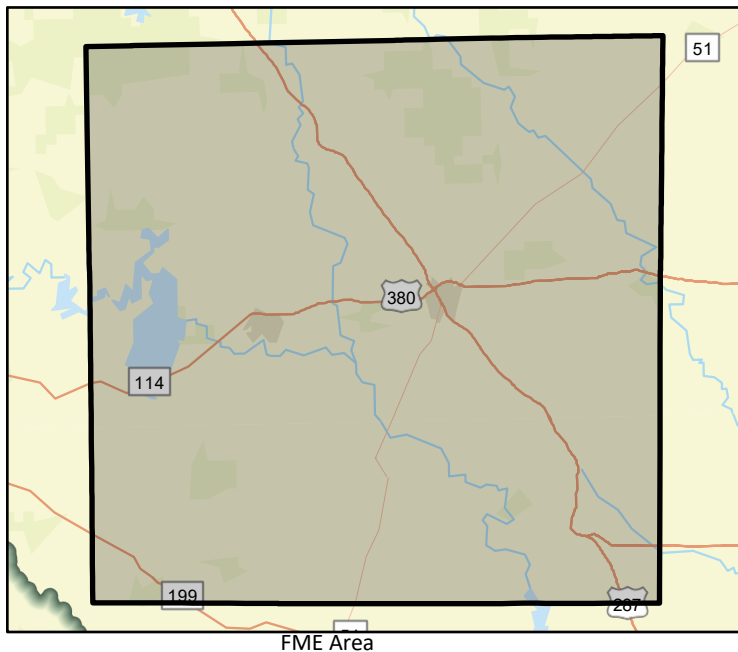
Farm/Ranch land impacted (acres) **29,585** Roadway(s) impacted (length) **100**

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

## Estimated Cost and Funding Availability

Total Cost **\$1,317,000** Amount of Available Funding **131,700** Federal funding availability **Yes**

Funding source **Local, State**



# Flood Management Evaluation (FME)



Title **Young County FEMA Mapping**

ID# **031000035**

Sponsor (name of entity, not person) **Young County**

RFPG recommend? **Yes** Reason for Recommendation **Increases mapping coverage**

## Study Details

Study type **Watershed Planning**

Study description **Create FEMA mapping in previously unmapped areas and update existing FEMA mapping as needed.**

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

County **Young** Watershed HUC# (if known) **120301060409,120301060402,120301060502,120301060401,120100010**

Drainage area (Square miles, est.) **927** Goal(s) **03000005, 03000006**

## 100-Year Flood Risk Summary

Population at risk **4** # of structures **25** Critical facilities **0**

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

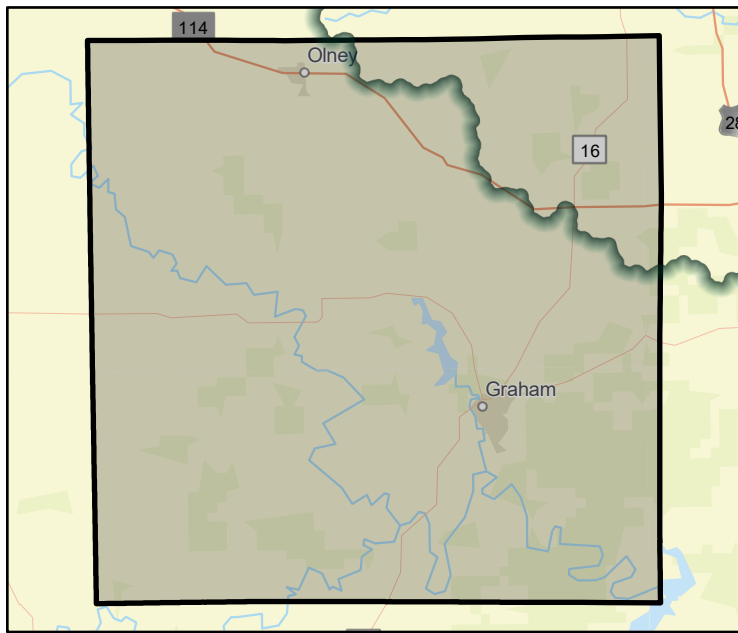
Farm/Ranch land impacted (acres) **5,757** Roadway(s) impacted (length) **7**

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

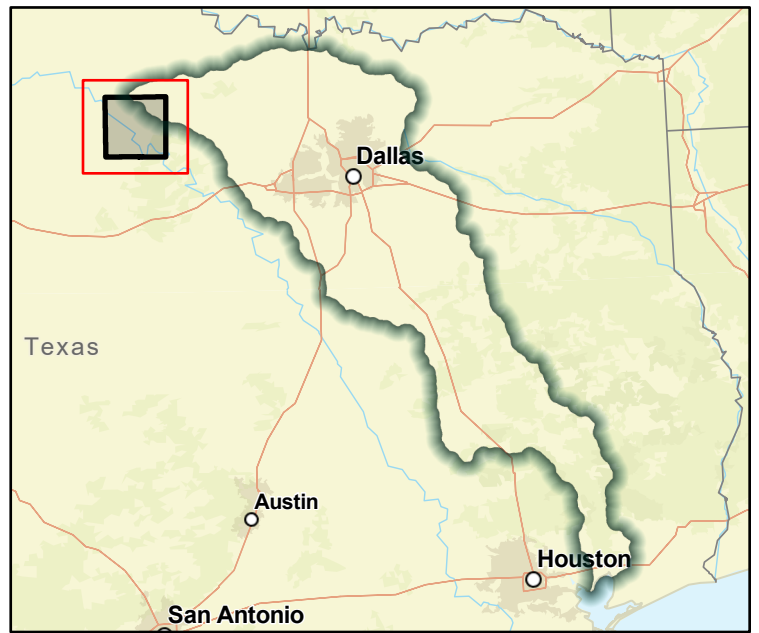
## Estimated Cost and Funding Availability

Total Cost **\$1,407,000** Amount of Available Funding **140,700** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title East Fork Trinity HUC-8 - East Fork Trinity and Tributaries Flood Risk Identification

ID# 031000036

Sponsor (name of entity, not person) North Central Texas Council of Govt

RFPG recommend? Yes Reason for Recommendation Increases mapping coverage

## Study Details

Study type Watershed Planning

Study description Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.

New Hydrologic or Hydraulic model? Yes

Emergency Need? No

Existing/Anticipated models in near term? Yes

County Grayson, Fannin, Hunt, Collin, Rockwall,

Watershed HUC# (if known) 120301020401

Drainage area (Square miles, est.) 1,299

Goal(s) 03000001, 03000002, 03000005, 03000006, 03000025, 03000026

## 100-Year Flood Risk Summary

Population at risk 24,778

# of structures 5,222

Critical facilities 49

Flood risk type: Riverine? Yes

Coastal? No

Local? No

Playa? No

Other? No

Farm/Ranch land impacted (acres) 60,443

Roadway(s) impacted (length) 273

Number of low water crossings 151

Historical road closures -

## Estimated Cost and Funding Availability

Total Cost \$4,582,000

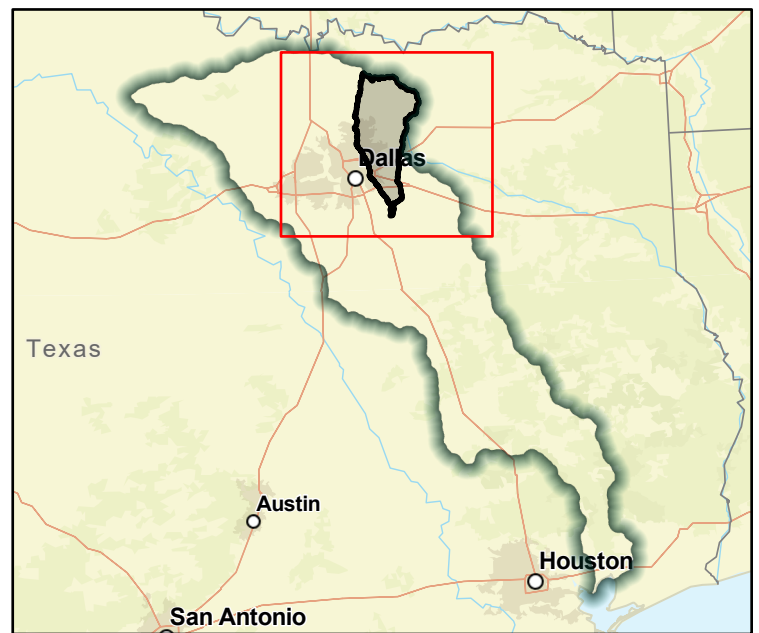
Amount of Available Funding 458,200

Federal funding availability Yes

Funding source Local, State



FME Area



Regional view of FME area



# Flood Management Evaluation (FME)



Title **Denton HUC-8 - Hog Branch Flood Risk Identification**

ID# **031000037**

Sponsor (name of entity, not person) **North Central Texas Council of Govt**

RFPG recommend? **Yes** Reason for Recommendation **Increases mapping coverage**

## Study Details

Study type **Watershed Planning**

Study description **Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.**

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

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

Drainage area (Square miles, est.) **717** Goal(s) **03000001, 03000002, 03000005, 03000006, 03000025, 03000026**

## 100-Year Flood Risk Summary

Population at risk **4,043** # of structures **1,002** Critical facilities **19**

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

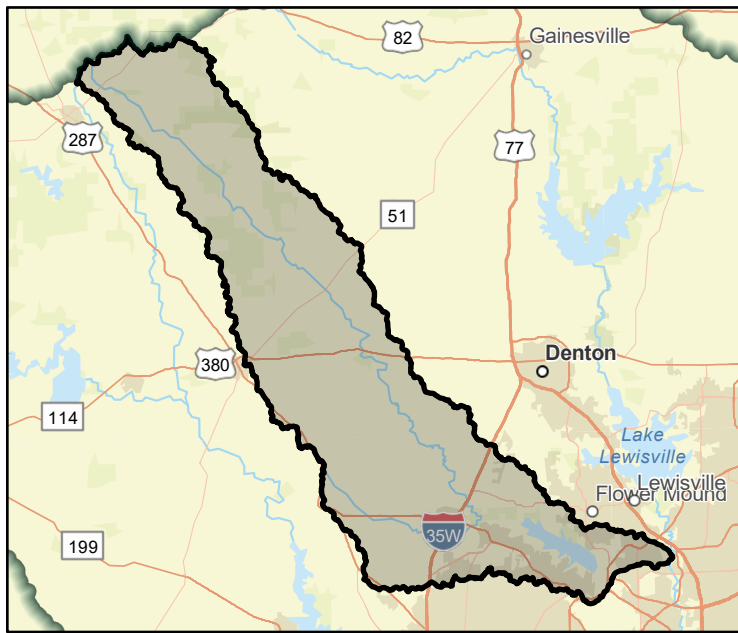
Farm/Ranch land impacted (acres) **30,212** Roadway(s) impacted (length) **107**

Number of low water crossings **30** Historical road closures **-**

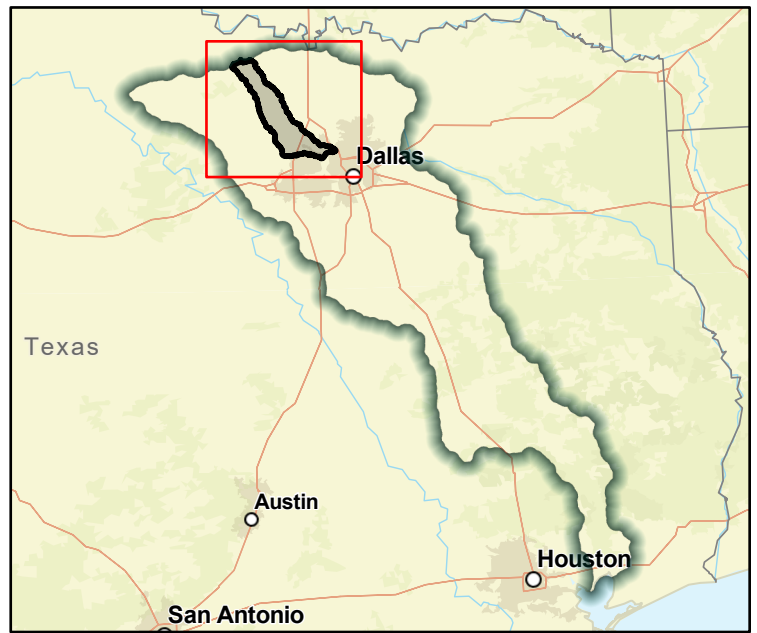
## Estimated Cost and Funding Availability

Total Cost **\$1,115,000** Amount of Available Funding **11,500** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Collin County Dam Inundation Study**

ID# **031000038**

Sponsor (name of entity, not person) **Collin County**

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

## Study Details

Study type **Watershed Planning**

Study description **Inundation studies of all high and moderate hazard dams**

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

County **Collin** Watershed HUC# (if known) **120301060409,120301060402,120301060502,120301060401,120100010**

Drainage area (Square miles, est.) **883** Goal(s) **03000009, 03000010, 03000029, 03000030**

## 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**

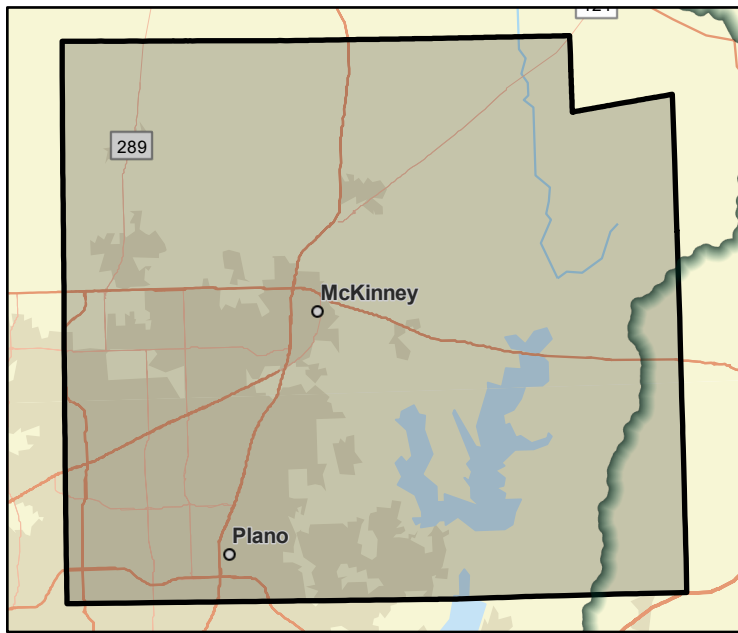
Farm/Ranch land impacted (acres) **34,154** Roadway(s) impacted (length) **146**

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

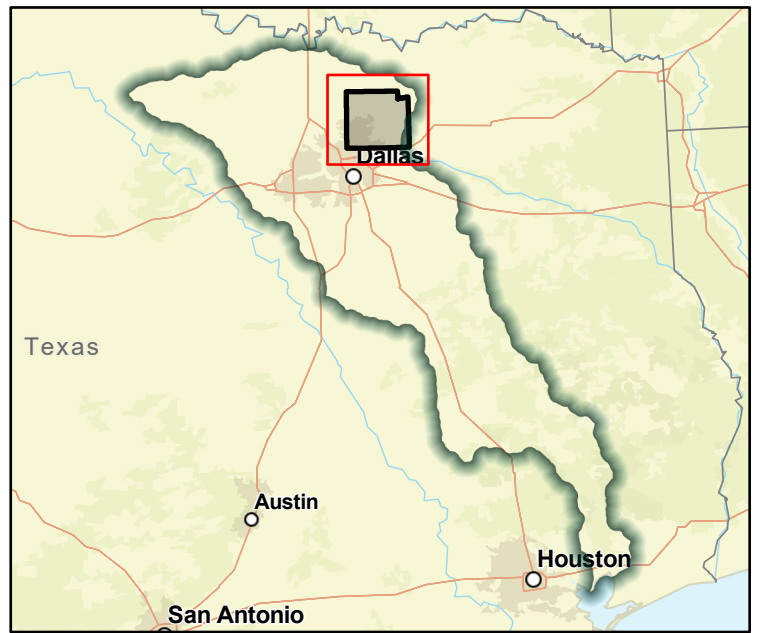
## Estimated Cost and Funding Availability

Total Cost **\$855,000** Amount of Available Funding **85,500** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Chambers County Dam/Levee Failure Inundation Map Updates**

ID# **031000039**

Sponsor (name of entity, not person) **Chambers County, Anahuac, Beach City, Mount**

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

## Study Details

Study type **Watershed Planning**

Study description **Update dam and levee failure inundation maps.**

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

County **Chambers** Watershed HUC# (if known) **120302030202,120402030105,120302030203,120402040100,120402020**

Drainage area (Square miles, est.) **630** Goal(s) **03000009, 03000010, 03000029, 03000030**

## 100-Year Flood Risk Summary

Population at risk **7,348** # of structures **2,452** Critical facilities **26**

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

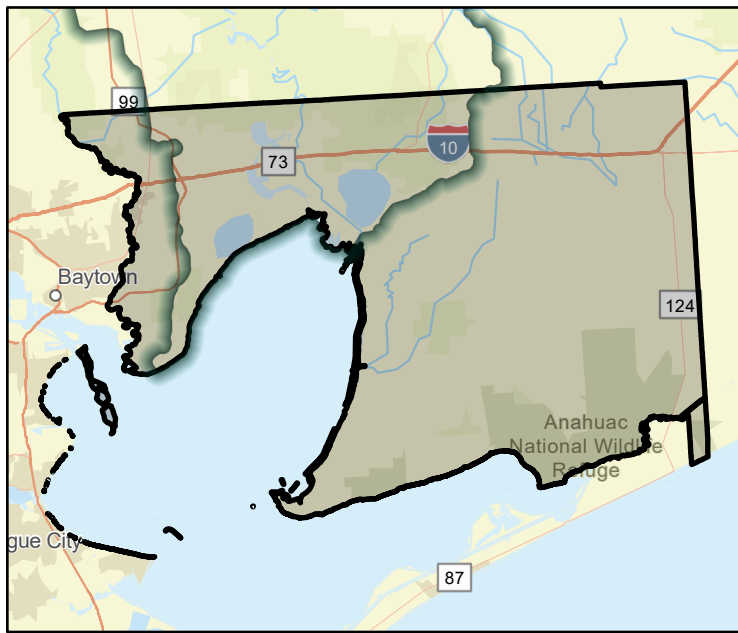
Farm/Ranch land impacted (acres) **9,200** Roadway(s) impacted (length) **53**

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

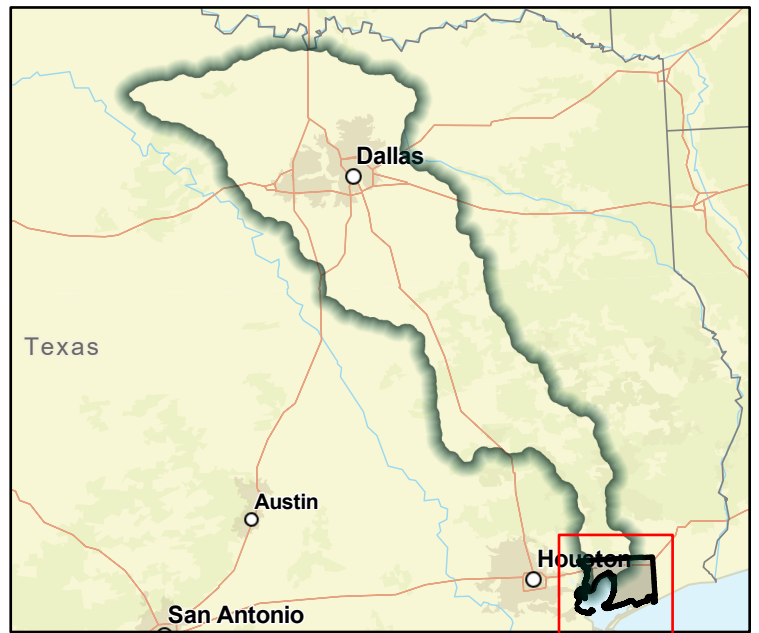
## Estimated Cost and Funding Availability

Total Cost **\$462,000** Amount of Available Funding **46,200** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Dallas County Dam Inundation Study**

ID# **031000040**

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

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

## Study Details

Study type **Watershed Planning**

Study description **Conduct studies to develop dam inundation maps and models**

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

County **Dallas** Watershed HUC# (if known) **120302030202,120402030105,120302030203,120402040100,120402020**

Drainage area (Square miles, est.) **905** Goal(s) **03000009, 03000010, 03000029, 03000030**

## 100-Year Flood Risk Summary

Population at risk **181,701** # of structures **22,226** Critical facilities **369**

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

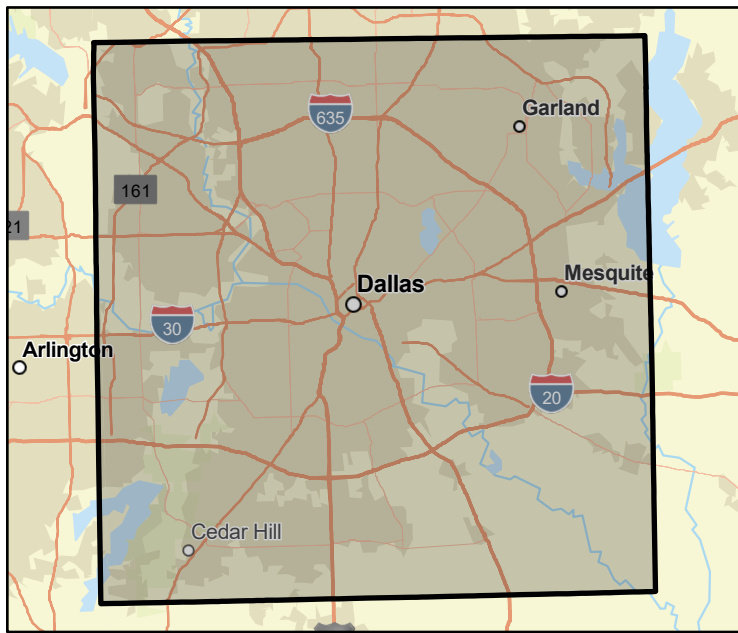
Farm/Ranch land impacted (acres) **31,560** Roadway(s) impacted (length) **791**

Number of low water crossings **387** Historical road closures **-**

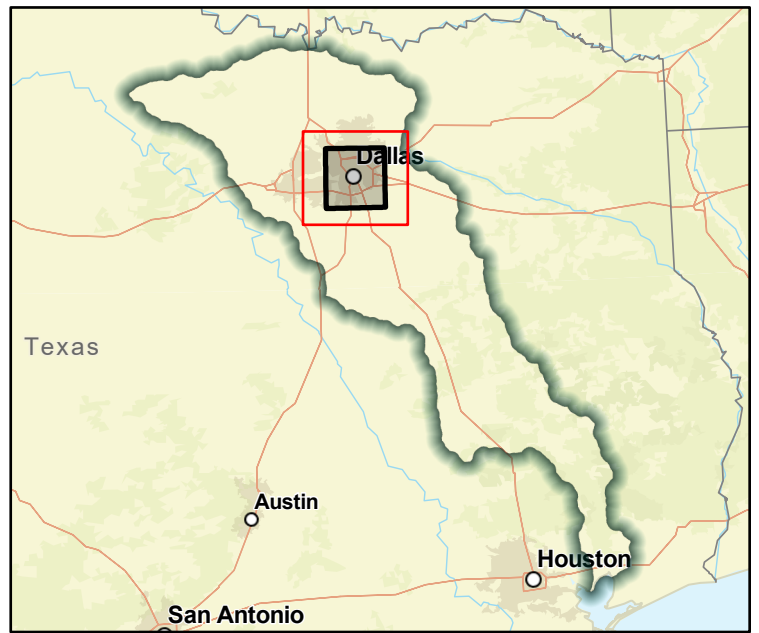
## Estimated Cost and Funding Availability

Total Cost **\$587,000** Amount of Available Funding **58,700** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Lake Ray Hubbard and Duck Creek Tributary Inundation Study**

ID# **031000041**

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

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

## Study Details

Study type **Preparedness**

Study description **Conduct studies to develop inundation maps for Lake Ray Hubbard and Duck Creek Tributary and how it affects the Town of Sunnyvale.**

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

County **Dallas** Watershed HUC# (if known) **120301060409,120301050106,120301060504,120301060407,120301050**

Drainage area (Square miles, est.) **42** Goal(s) **03000005, 03000006, 03000007, 03000008**

## 100-Year Flood Risk Summary

Population at risk **7,134** # of structures **821** Critical facilities **7**

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

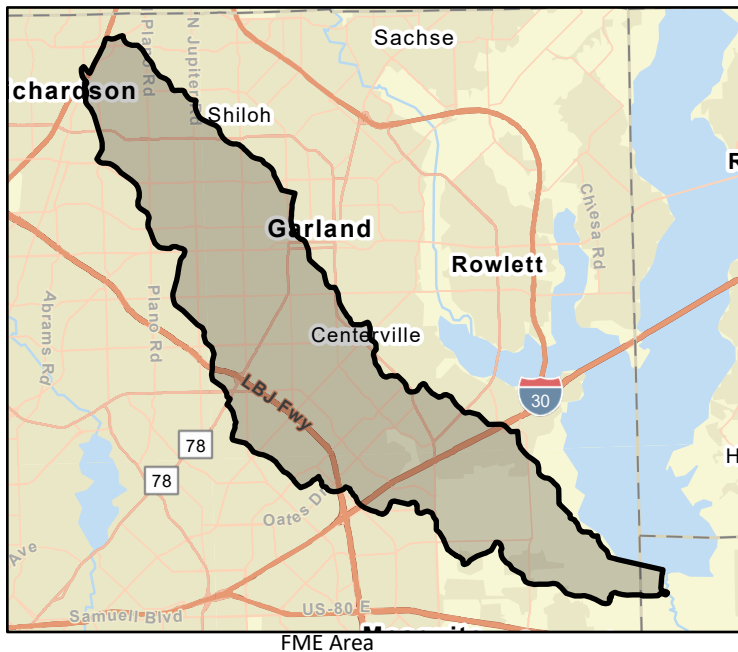
Farm/Ranch land impacted (acres) **520** Roadway(s) impacted (length) **19**

Number of low water crossings **28** Historical road closures **-**

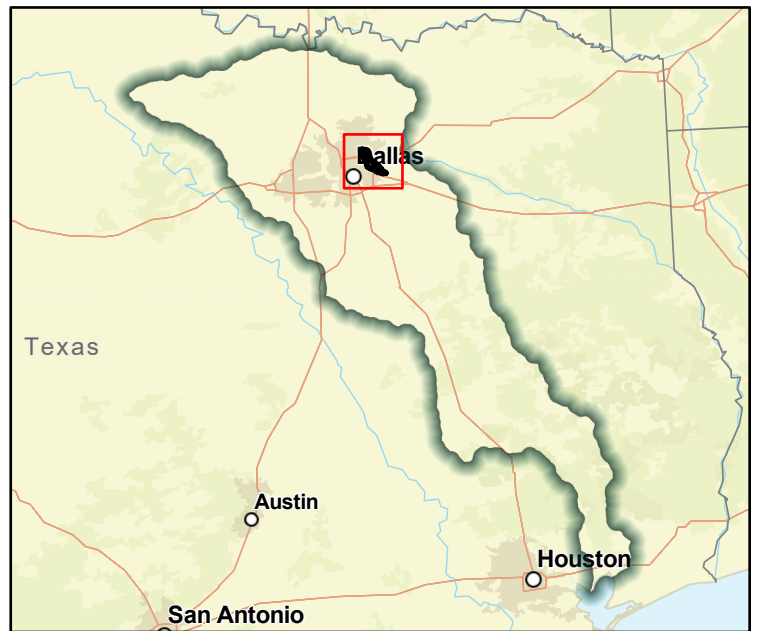
## Estimated Cost and Funding Availability

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 **Denton County Dam Inundation Study**

ID# **031000042**

Sponsor (name of entity, not person) **Denton County**

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

## Study Details

Study type **Watershed Planning**

Study description **Inundation studies of all high and moderate hazard dams**

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

County **Denton** Watershed HUC# (if known) **120301060409,120301050106,120301060504,120301060407,120301050**

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 **-**

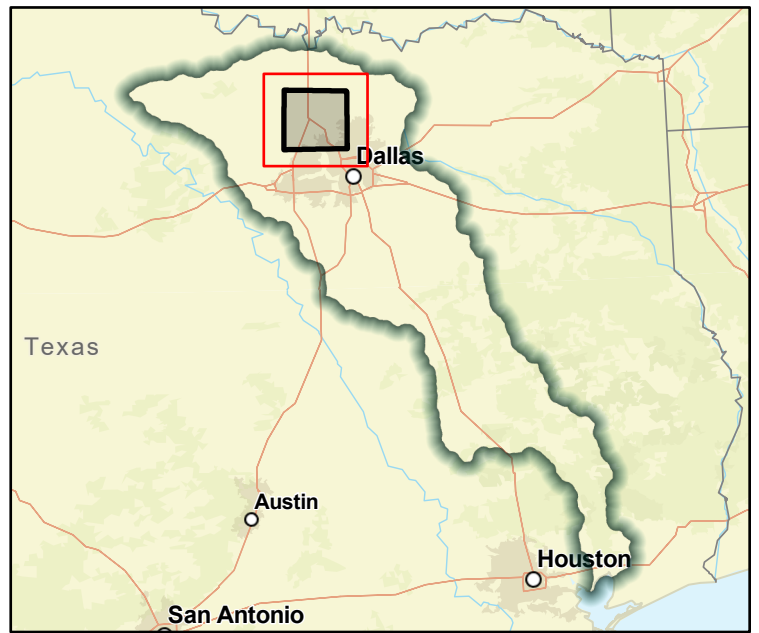
## Estimated Cost and Funding Availability

Total Cost **\$613,000** Amount of Available Funding **61,300** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Ellis County Dam Inundation Study**  
 ID# **031000043**

Sponsor (name of entity, not person) **Ellis County, Alma, Bardwell, Ennis, Ferris, Garrett,**

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

## Study Details

Study type **Watershed Planning**  
 Study description **Inundation studies of all high and moderate hazard dams**

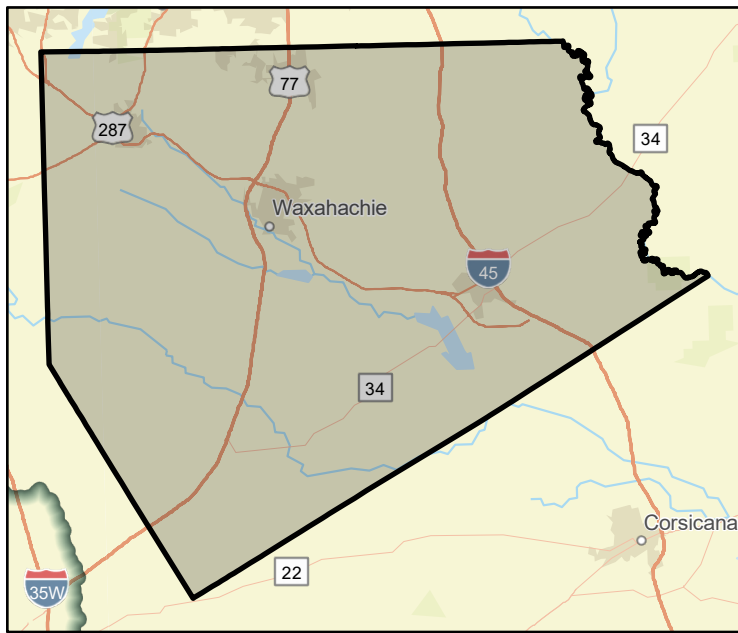
New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**  
 County **Ellis** Watershed HUC# (if known) **120301060409,120301050106,120301060504,120301060407,120301050**  
 Drainage area (Square miles, est.) **948** Goal(s) **03000009, 03000010, 03000029, 03000030**

## 100-Year Flood Risk Summary

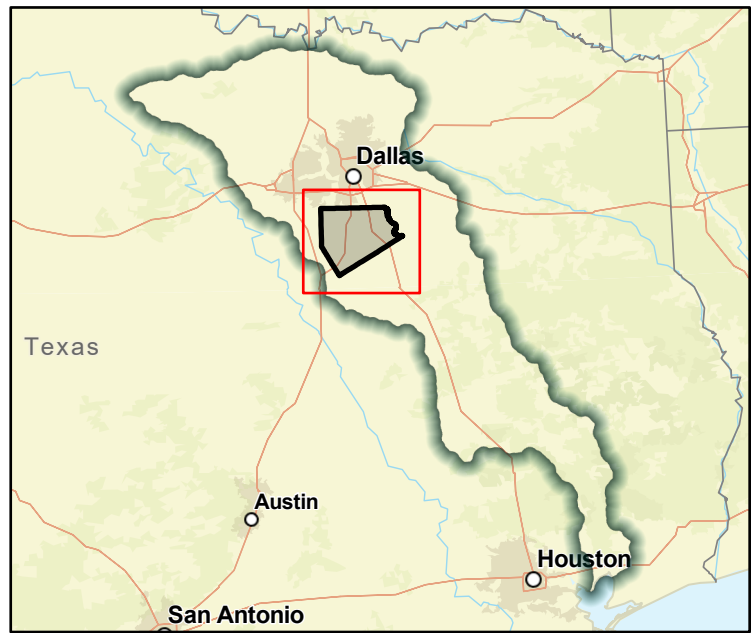
Population at risk **8,472** # of structures **2,712** Critical facilities **32**  
 Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**  
 Farm/Ranch land impacted (acres) **90,231** Roadway(s) impacted (length) **214**  
 Number of low water crossings **57** Historical road closures **-**

## Estimated Cost and Funding Availability

Total Cost **\$758,000** Amount of Available Funding **75,800** Federal funding availability **Yes**  
 Funding source **Local, State**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Madison County Dam Inundation Study**

ID# **031000044**

Sponsor (name of entity, not person) **Madison County**

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

## Study Details

Study type **Watershed Planning**

Study description **Create dam failure inundation maps**

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

County **Madison** Watershed HUC# (if known) **120301060409,120301050106,120301060504,120301060407,120301050**

Drainage area (Square miles, est.) **470** Goal(s) **03000009, 03000010, 03000029, 03000030**

## 100-Year Flood Risk Summary

Population at risk **241** # of structures **338** Critical facilities **7**

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

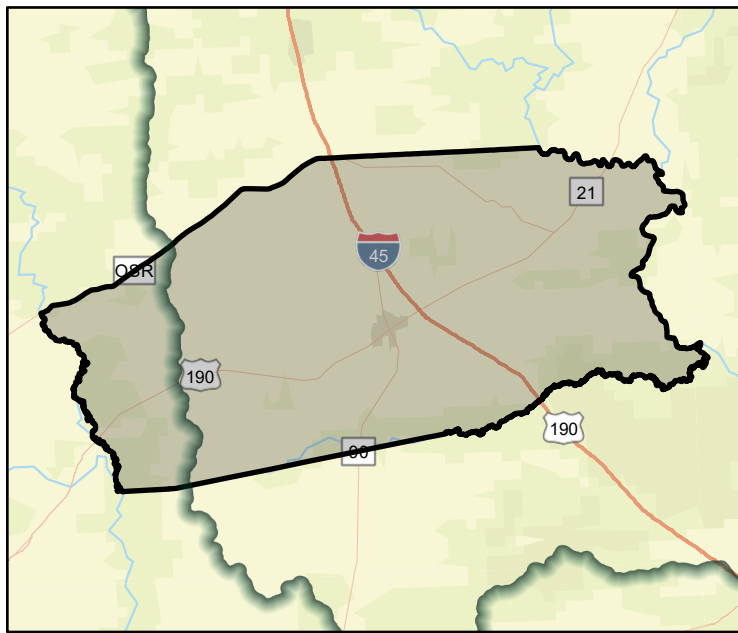
Farm/Ranch land impacted (acres) **43,021** Roadway(s) impacted (length) **58**

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

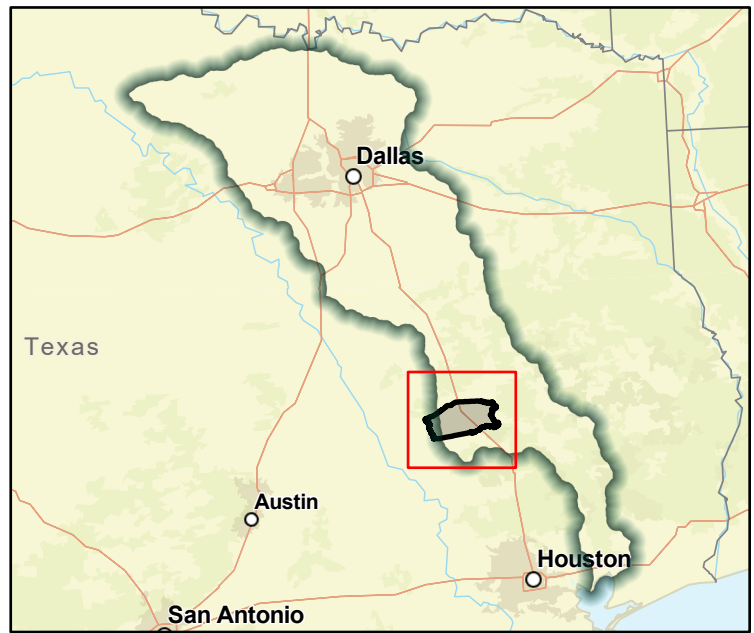
## Estimated Cost and Funding Availability

Total Cost **\$478,000** Amount of Available Funding **0** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area



# Flood Management Evaluation (FME)



Title **Navarro County Dam Inundation Study**

ID# **031000045**

Sponsor (name of entity, not person) **Navarro County, Corsicana, Kerens**

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

## Study Details

Study type **Watershed Planning**

Study description **Conduct inundation studies of all high and moderate hazard dams.**

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

County **Navarro** Watershed HUC# (if known) **120301060409,120301050106,120301060504,120301060407,120301050**

Drainage area (Square miles, est.) **1,081** Goal(s) **03000009, 03000010, 03000029, 03000030**

## 100-Year Flood Risk Summary

Population at risk **2,606** # of structures **1,805** Critical facilities **11**

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

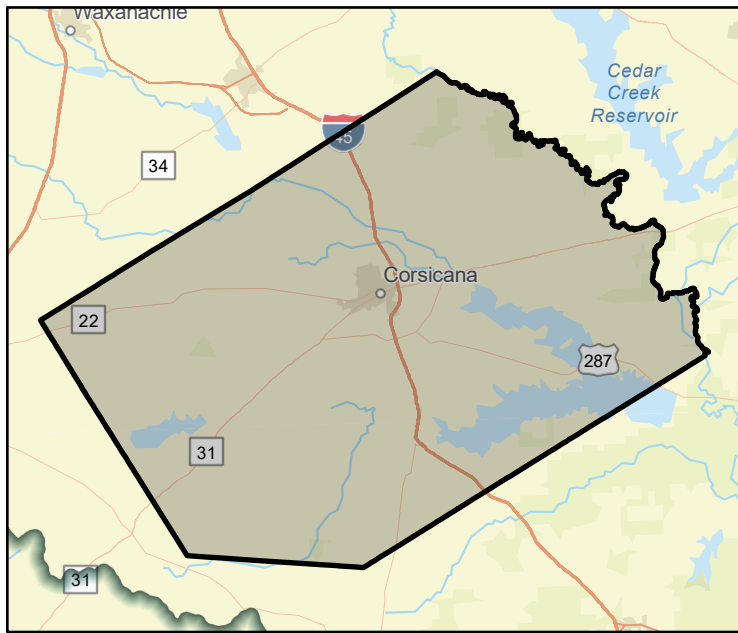
Farm/Ranch land impacted (acres) **109,465** Roadway(s) impacted (length) **211**

Number of low water crossings **64** Historical road closures **-**

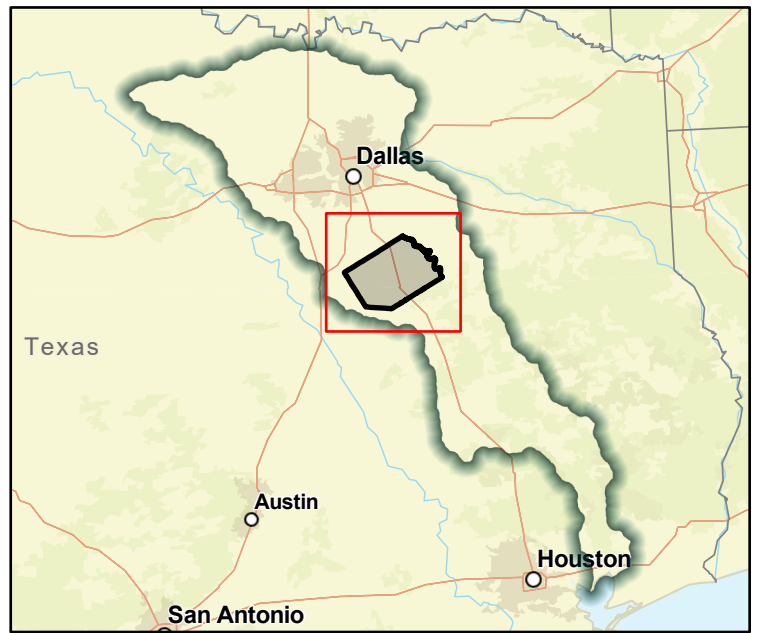
## Estimated Cost and Funding Availability

Total Cost **\$744,000** Amount of Available Funding **74,400** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Parker County Dam Inundation Study**

ID# **031000046**

Sponsor (name of entity, not person) **Parker County, Willow Park**

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

## Study Details

Study type **Watershed Planning**

Study description **Conduct a dam inundation study**

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

County **Parker** Watershed HUC# (if known) **120301060409,120301050106,120301060504,120301060407,120301050**

Drainage area (Square miles, est.) **903** Goal(s) **03000009, 03000010, 03000029, 03000030**

## 100-Year Flood Risk Summary

Population at risk **6,748** # of structures **1,953** Critical facilities **18**

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

Farm/Ranch land impacted (acres) **25,497** Roadway(s) impacted (length) **61**

Number of low water crossings **22** Historical road closures **-**

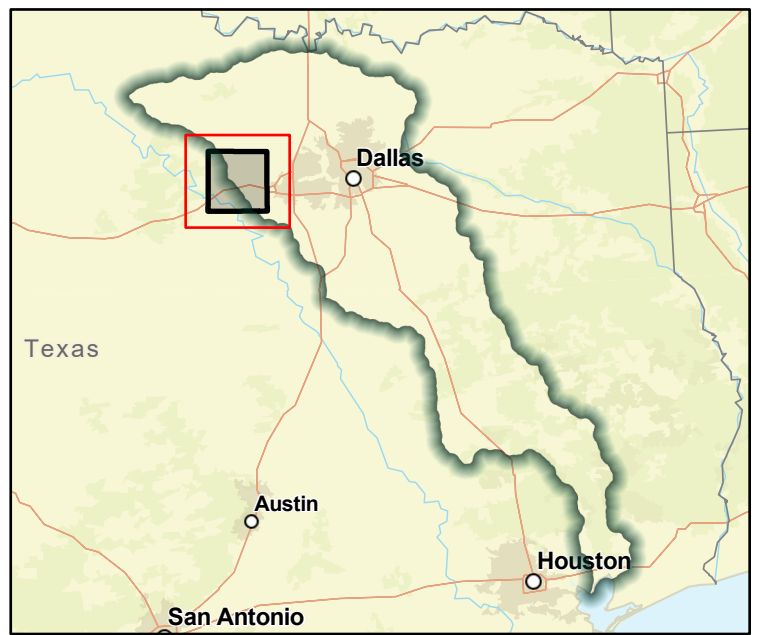
## Estimated Cost and Funding Availability

Total Cost **\$569,000** Amount of Available Funding **0** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Tarrant County Dam Inundation Study**

ID# **031000047**

Sponsor (name of entity, not person) **Fort Worth, Tarrant County**

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

## Study Details

Study type **Watershed Planning**

Study description **Identify and evaluate high hazard dams.**

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

County **Tarrant** Watershed HUC# (if known) **120301060409,120301050106,120301060504,120301060407,120301050**

Drainage area (Square miles, est.) **900** Goal(s) **03000009, 03000010, 03000029, 03000030**

## 100-Year Flood Risk Summary

Population at risk **78,228** # of structures **14,855** Critical facilities **164**

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

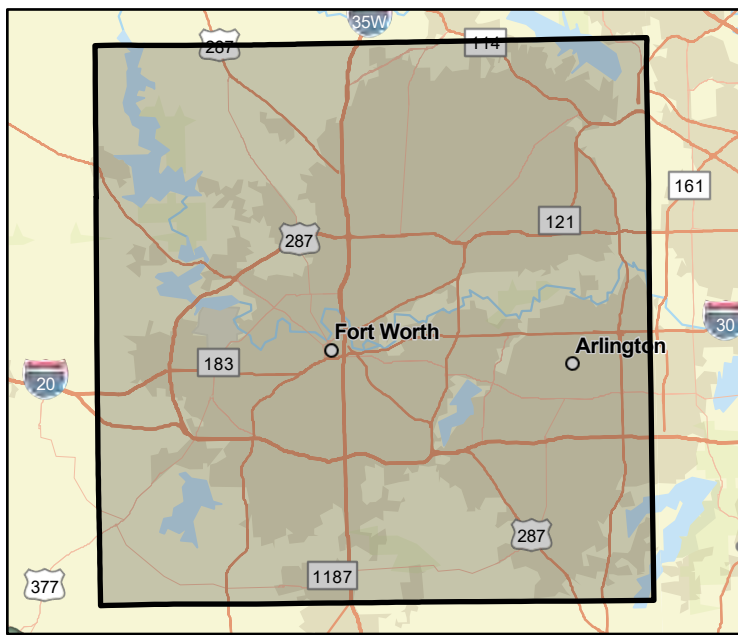
Farm/Ranch land impacted (acres) **20,102** Roadway(s) impacted (length) **468**

Number of low water crossings **531** Historical road closures **-**

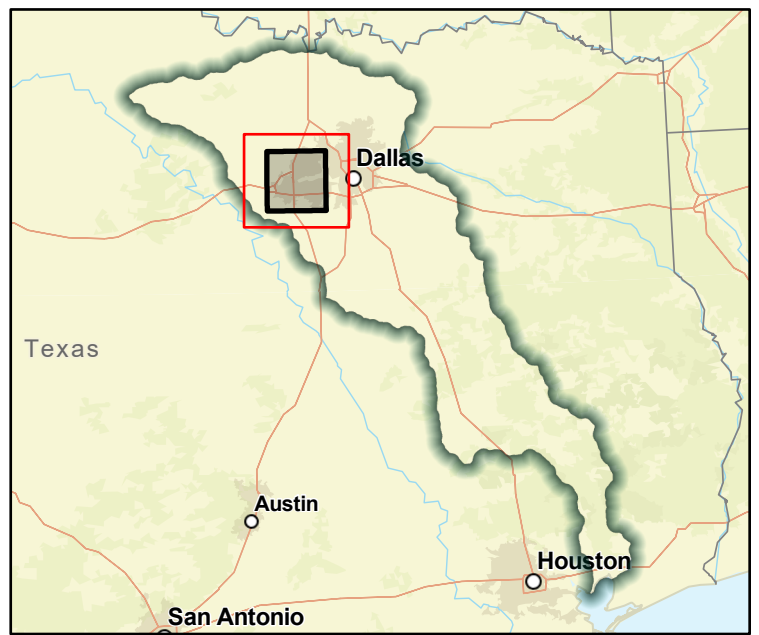
## Estimated Cost and Funding Availability

Total Cost **\$604,000** Amount of Available Funding **60,400** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **Irving Levee District Flood Risk Assessment**

ID# **031000048**

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

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

## Study Details

Study type **Watershed Planning**

Study description **Conduct review of the area in the four levee districts that would be inundated by a levee failure. Analyze all available routes out of the Levee Districts and any new streets that would not be flooded.**

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

County **Dallas** Watershed HUC# (if known) **120301031006,120301020706,120301031005,120301031004,120301031**

Drainage area (Square miles, est.) **68** Goal(s) **03000009, 03000010, 03000031, 03000032**

## 100-Year Flood Risk Summary

Population at risk **40,893** # of structures **4,589** Critical facilities **31**

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

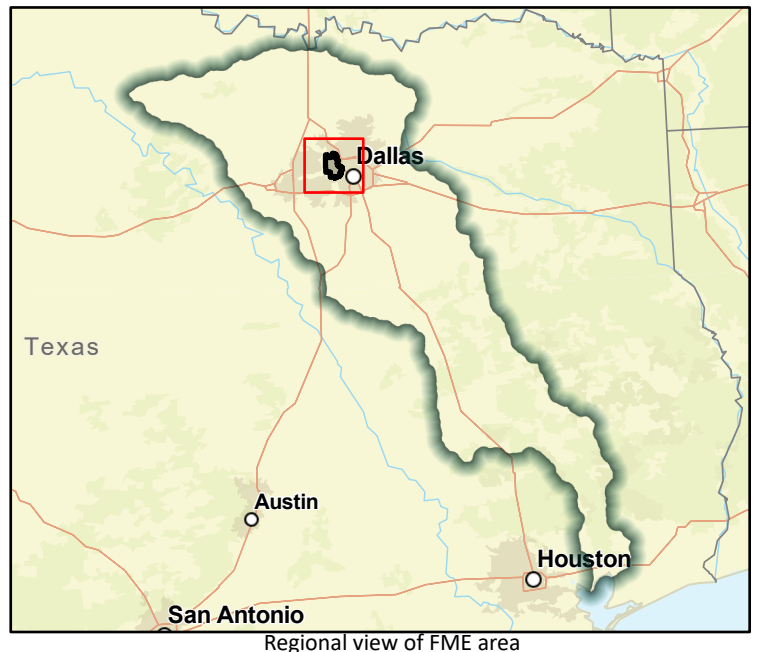
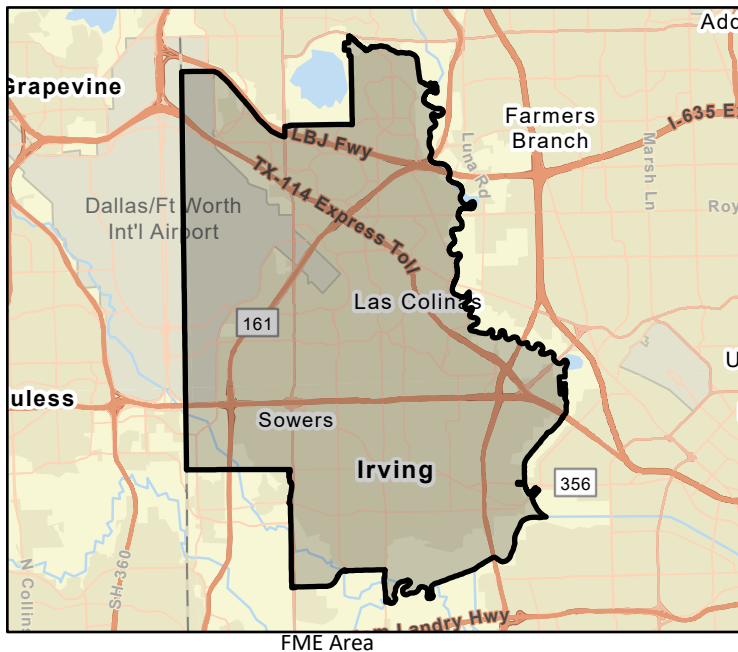
Farm/Ranch land impacted (acres) **1,397** Roadway(s) impacted (length) **85**

Number of low water crossings **30** 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 **West Fork of the Trinity River Levee Failure Hydrologic Study**

ID# **031000049**

Sponsor (name of entity, not person) **River Oaks**

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

## Study Details

Study type **Watershed Planning**

Study description **Hydrologic study to determine threat, risk, and potential impacts of flooding from levee failure along the West Fork of the Trinity River.**

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

County **Tarrant** Watershed HUC# (if known) **120301031006,120301020706,120301031005,120301031004,120301031**

Drainage area (Square miles, est.) **2,104** Goal(s) **03000009, 03000010, 03000031, 03000032**

## 100-Year Flood Risk Summary

Population at risk **21,593** # of structures **7,235** Critical facilities **64**

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

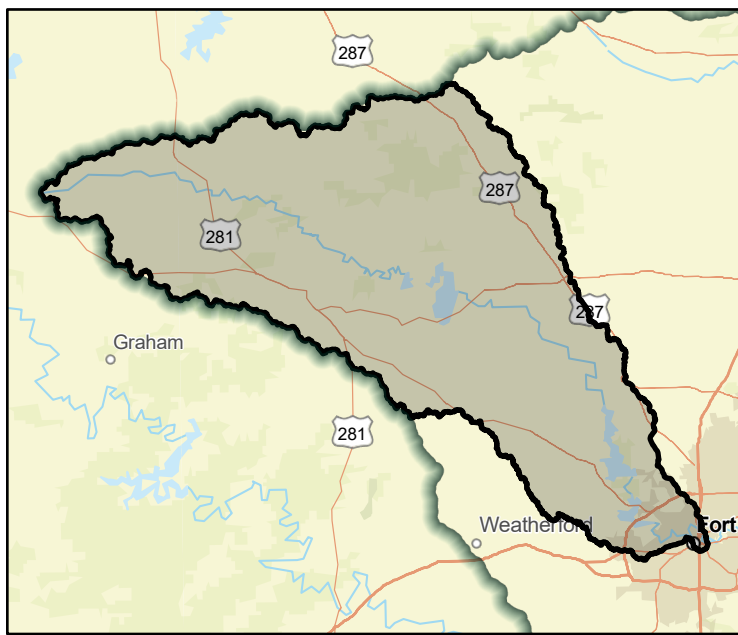
Farm/Ranch land impacted (acres) **114,017** Roadway(s) impacted (length) **308**

Number of low water crossings **127** Historical road closures **-**

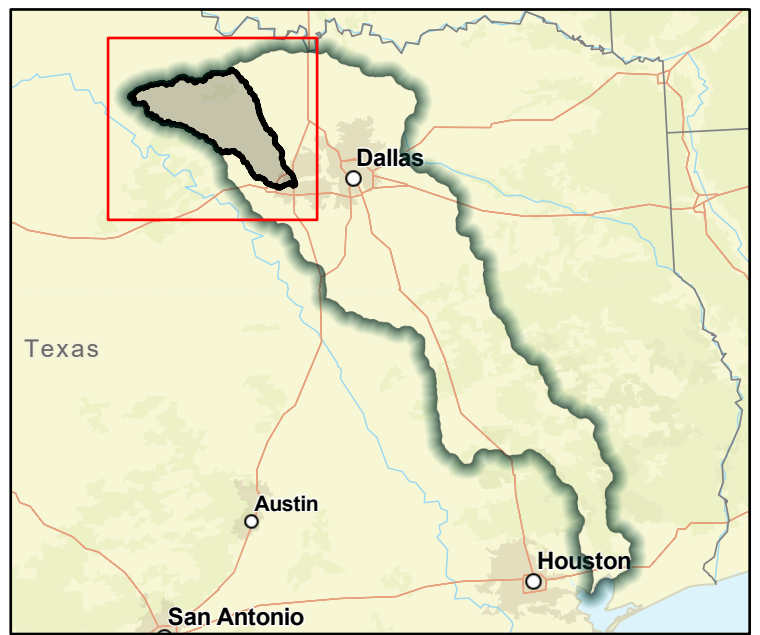
## Estimated Cost and Funding Availability

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

Funding source **Local, State**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **City of Lavon DMP**

ID# **031000050**

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

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 **Collin** Watershed HUC# (if known) **120301060401,120301060307**

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

## 100-Year Flood Risk Summary

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

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

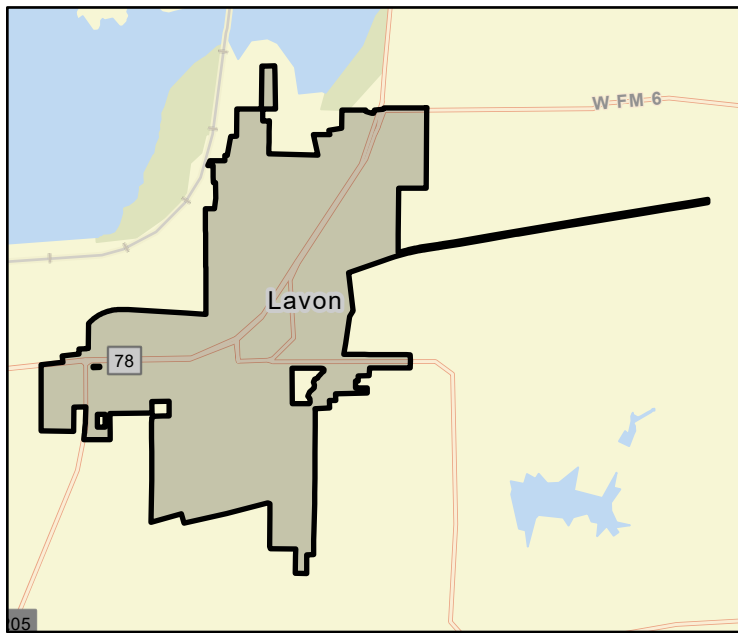
Farm/Ranch land impacted (acres) **32** Roadway(s) impacted (length) **1**

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

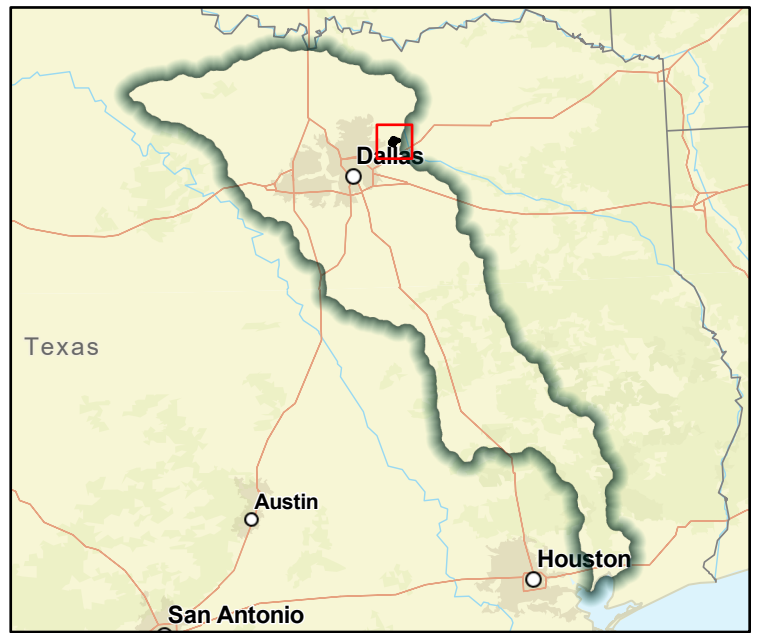
## Estimated Cost and Funding Availability

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

Funding source **Local, State**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **University Park DMP**

ID# **031000051**

Sponsor (name of entity, not person) **University Park**

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) **120301031007,120301050105,120301050101**

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

## 100-Year Flood Risk Summary

Population at risk **76** # of structures **22** Critical facilities **0**

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

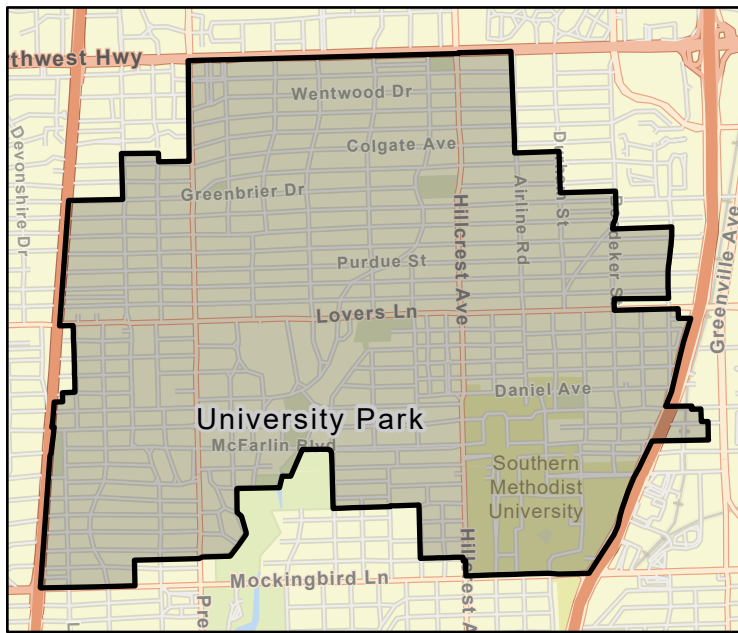
Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **0**

Number of low water crossings **2** 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 **City of Rowlett DMP**

ID# **031000052**

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

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) **120301060409,120301060402,120301060408,120301060403**

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

## 100-Year Flood Risk Summary

Population at risk **432** # of structures **142** Critical facilities **0**

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

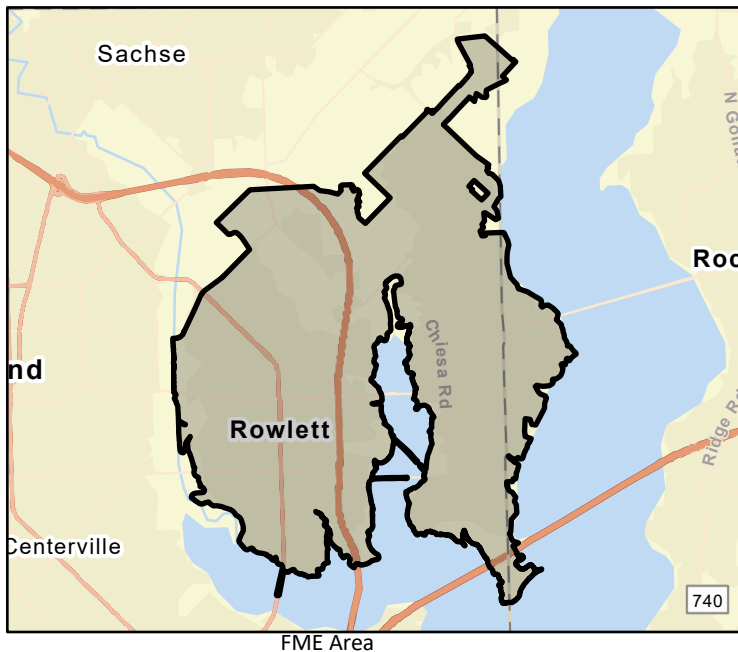
Farm/Ranch land impacted (acres) **293** Roadway(s) impacted (length) **5**

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





# Flood Management Evaluation (FME)



Title **City of Cockrell Hill DMP**

ID# **031000054**

Sponsor (name of entity, not person) **Cockrell Hill**

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) **120301050102**

Drainage area (Square miles, est.) **1** Goal(s) **03000007, 03000008, 03000009, 03000010**

## 100-Year Flood Risk Summary

Population at risk **12** # of structures **3** Critical facilities **0**

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

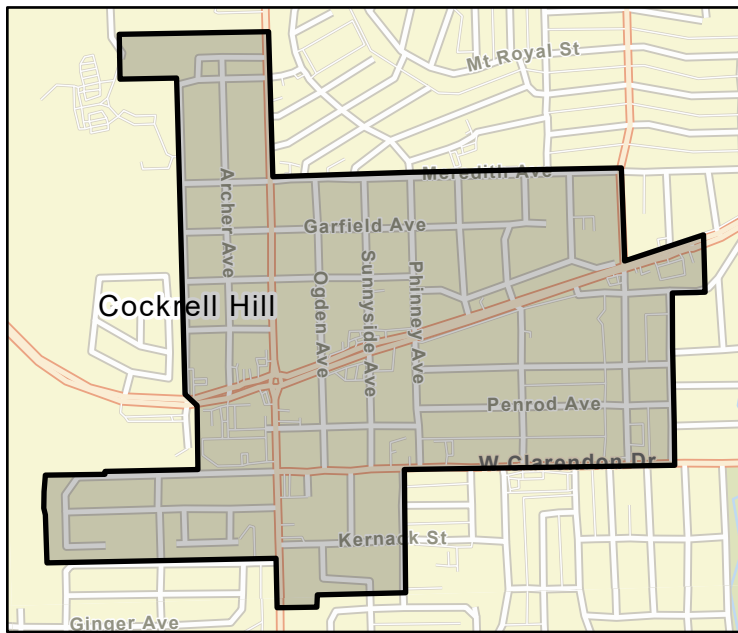
Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **0**

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

## Estimated Cost and Funding Availability

Total Cost **\$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 **City of Aubrey DMP**

ID# **031000055**

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

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 **Denton** Watershed HUC# (if known) **120301030705,120301030406,120301030703,120301030704,120301030**

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

## 100-Year Flood Risk Summary

Population at risk **127** # of structures **54** Critical facilities **1**

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

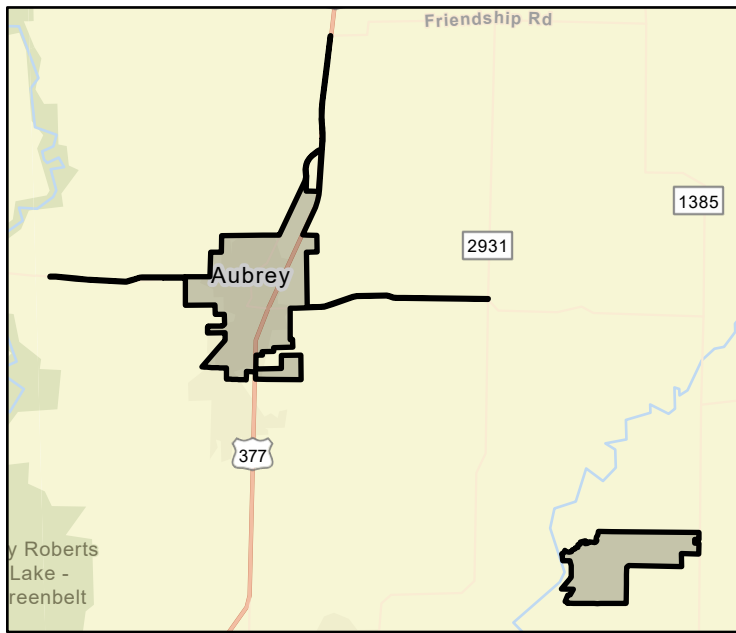
Farm/Ranch land impacted (acres) **189** Roadway(s) impacted (length) **2**

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

## Estimated Cost and Funding Availability

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

Funding source **Local, State**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **City of Argyle DMP**

ID# **031000056**

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

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 **Denton** Watershed HUC# (if known) **120301040304,120301030804**

Drainage area (Square miles, est.) **12** Goal(s) **03000007, 03000008, 03000009, 03000010**

## 100-Year Flood Risk Summary

Population at risk **1,309** # of structures **57** Critical facilities **2**

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

Farm/Ranch land impacted (acres) **457** Roadway(s) impacted (length) **2**

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

## Estimated Cost and Funding Availability

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

Funding source **Local, State**

